

ICL Pathway	EPOSS Acceptance Specification	Ref.: CR/ACS/008 Version: 4.0 Date: 18/12/98
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Document Title EPOSS Acceptance Test.

Document Type Acceptance Specification

Abstract This document describes the Acceptance Test for EPOSS

Status Approved

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Approval By 18/12/98

Distribution	Pathway	Management Team Test & Integration Manager Pathway Library
	POCL/DSS	Acceptance Manager
	PDA	

Recommended for Approval	ICL Pathway Test Manager	Authority(ies) Test Manager
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Date	18/12/98	18/12/98

Approved	For and behalf of ICL Pathway	For and behalf of Authority(ies)
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Signature

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Date	18/12/98	

0. DOCUMENT CONTROL

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Version	Date	Reason
0.1	1/5/97	First draft for internal Pathway review
1.0	12/5/97	Issued for joint review
1.1	12/5/98	Re-issued to reflect introduction of New Release 2 and changes to test condition naming and content.
1.2	26/10/98	Re-issued to reflect introduction new versions of the EPOSS Business Thread and HLTPs, and revisions in the standard for Acceptance Test Scripts.
1.3	6/11/98	Re-issued after changes agreed during the EPOSS acceptance workshop and subsequent discussions
2.0	27/11/98	Re-issued for approval after incorporating further comments
3.0	17/12/98	Re-issued after review with POCL on 15/12/98 of V2.0
4.0	18/12/98	Re-issued with 836/3(f) moved to 5.2

0.2 ASSOCIATED DOCUMENTS

	Reference	Version	Date	Title	Source
(1)					
(2)	Acceptance Standard	0.1	13/09/96	Standard for Raising and Progressing Acceptance Incidents.	Pathway
(3)	Acceptance Standard	1.2	13/7/98	Standard for documenting Acceptance Specifications	Pathway
(4)	Authorities' Agreement	7.2	22/5/97	Acceptance Procedures Schedule (A)A07	DSS/POCL
(5)	POCL Agreement	7.2	22/5/97	Acceptance Procedures Schedule (P)A11	POCL
(6)	DSS Agreement	7.2	22/5/97	Acceptance Procedures Schedule (D)A11	DSS
(7)	Authorities' Agreement	8.1	8/3/98	Requirements Schedule (A)B04	DSS/POCL
(8)	Authorities' Agreement	8.1	8/3/98	Solutions Schedule (A)B05	Pathway
(9)	DSS	8.1	8/3/98	Requirements Schedule	DSS

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	Agreement			(D)A15	
(10)	DSS Agreement	8.1	8/3/98	Solutions Schedule (D)A16	Pathway
(11)	POCL Agreement	8.0	13/11/97	Requirements Schedule (P)A15	POCL
(12)	POCL Agreement	8.1	8/3/98	Solutions Schedule (P)A16	Pathway
(13)	CR/FSP/004	4.0	30/9/97	Service Architecture Design Document	Pathway
(14)	PA/STR/009	2.0	24/2/98	Release Contents Definition for Pathway New Release 2	Pathway
(15)	CR/FSP/010	0.1	6/6/97	EFTPOS Statement of Requirement	Pathway
(16)	SD/DES/005	2.5	17/8/98	BA/POCL Reports and Receipts	Pathway
(17)	CS/PRO/021	4.2	16/10/98	NR2 EPOSS PPD	Pathway
(18)	BP/FSP/004	3.6	30/8/98	EPOSS Functional Description	Pathway
(19)	IM/STR/005	1.0	15/11/96	Automated Payments Client Migration Strategy	Pathway
(20)	CR/FSP/006	2.2	8/9/97	Audit Trail FS	Pathway
(21)	VI/TSC/105	2.2	5.6.98	Pathway Release 2 Technical Integrity and Networking HLTP	Pathway
(22)	RDP/AIS/001	3.3c	2.2.98	Application Interface Specification Reference Data to Pathway	POCL
(23)	TI/IFS/001	(1)5.0 (2)5.4	(3)21/3/97 (4)t.b.a	Pathway to TIP Application Interface Specification	POCL
(24)	SD/DOC/004	0.1	8/6/98	Benefit Payment Service Reconciliation	Pathway
(25)	SD/STD/001	1.2	18/3/98	Pathway Horizon Office platform Style Guide	Pathway
(26)	ES/IFS/002	2.0	15/1/97	Peripheral Server Version 2.0	Escher

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(27)	POCL Agreement Schedule G10	0G	23/10/96	POCL Infrastructure Service Levels and Remedies	POCL
(28)	PA/STD/003	1.2	27/1/98	Business Requirements Definition	Pathway
(29)	SD/SPE/016	4.2	5/11/98	Horizon OPS Menu Hierarchy for Release 2	Pathway
(30)	TD/DES/030	1.1	14/4/98	Time Services Specification	Pathway
(31)	VI/TSC/034	1.0	27/3/98	Business Thread RDS01	Pathway
(32)	PA/PRO/007	1.3	14/1/98	New Service Introduction Process	Pathway
(33)	VI/TSC/082	3.0	27/11/98 31/10/98	Business Thread EPO01	Pathway
(34)	VI/TSC/041	2.0	27/11/98	HLTP EPO0101	Pathway
(35)	VI/TSC/042	2.0	27/11/98	HLTP EPO0102	Pathway
(36)	VI/TSC/085	2.0	27/11/98	HLTP EPO0103	Pathway
(37)	IA/MAN/004	0.1	30/6/98	Horizon System Audit Manual [NR2]	Pathway
(38)	CS/PRO/025	0.4	5/5/98	NR 2 Access Control and User Administration PPD	Pathway
(39)	CS/PRO/024	0.4	28/4/98t. b.a	NR2 Operating Environment PPD	Pathway
(40)	PA/STR/003	1.0	26/11/96	Pathway Release Policy	Pathway
(41)	CS/IFS/001	1.0	12/11/98	Reference Data Change Catalogue	Pathway
(42)	CR/FSP/017	1.2	23/10/98	BPS Recovery of Fallback & Recovery Transactions FS	Pathway
(43)	CS/PRD/030	1.0	30/1/98	Process for Operational Business Change - Product	Pathway
(44)	VI/TSC/110	1.0	30/1/98	Systems Management High Level test Definition	Pathway
(45)	CS/PRD/033	1.0	1/10/98	POCL Verification of Reference Data Changes for NR2	Pathway
(46)	CCN 271		10/6/98	POCL Applications - EPOSS: Transaction Times	Pathway

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(47)	VI/TSC/083			HLTP RDS0101	Pathway
(48)	VI/TSC/040			HLTP TPS0101	Pathway
(49)	VI/TSC 097	2.0	23/9/98	HLTP APS0101	Pathway
(50)	VI/TSC/084	1.1	2/11/98	BT BPS10	Pathway
(51)	VI/TSC/048	1.0	13/3/98	BT BIT03	Pathway
(52)	VI/TSC/145	1.0	28/10/98	HLTP BPR0101	Pathway
(53)	CS/PRO/048	0.3	7/5/98	NR2 Horizon System Helpdesk PPD	Pathway
(54)	CS/PRO/024	0.4	28/4/98	NR2 Operating Environment PPD	Pathway
(55)			t.b.a	E2E Closure Report	

0.3 ABBREVIATIONS

AS	Acceptance Specification
BT	Business Thread
DSS	Department of Social Security
HLTP	High Level Test Plan
LLTP	Low Level test Plan
PDA	Programme Delivery Authority
POCL	Post Office Counters Ltd

0.4 CHANGES IN THIS VERSION

Updates to section 5 to reflect agreements reached in discussions on 15/12/98 are highlighted.

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1. PURPOSE & SCOPE

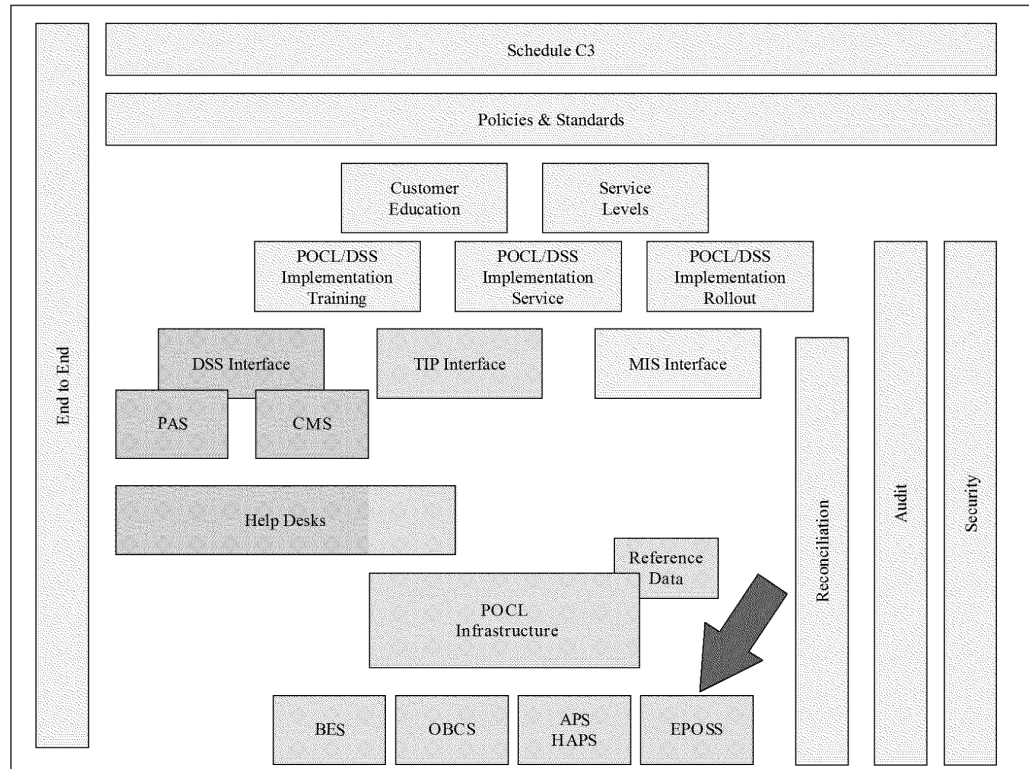
This document describes the Acceptance Test for EPOSS in accordance with the Acceptance Procedures that are set out in the Schedules referred to in section 0.2 and also in the Pathway document "Standard for Documenting Acceptance Specifications". This Test will determine that EPOSS meets all the Acceptance

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Criteria that are agreed in the Acceptance Specification and that are within the scope of the "Pathway Release Contents Specification" document for New Release 2, if applicable.



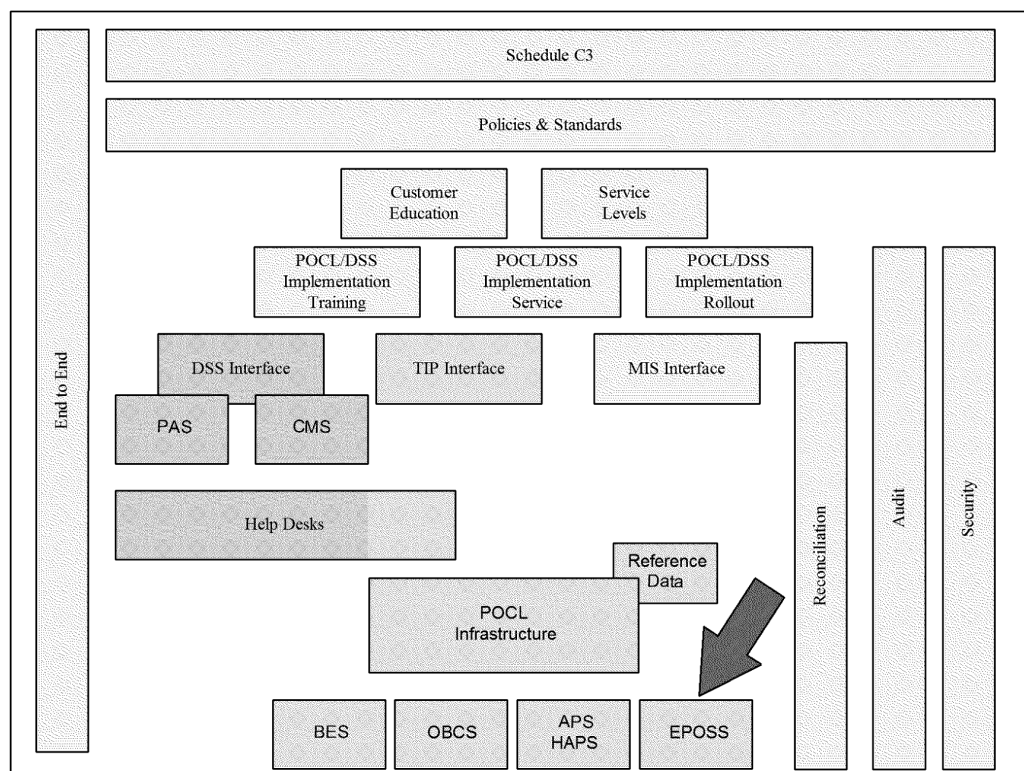


Figure1-1: This Acceptance Test in relation to others

2. ACCEPTANCE INCIDENTS

The standard and method for originating, progressing and resolving Acceptance Incidents shall be as described in the associated Document "Standard for Raising and Progressing Acceptance Incidents".

3. ACCEPTANCE PERIOD

The Acceptance Period for the Acceptance Tests, which comprise the Operational Trial, is as determined by schedule B07 of the AUTHORITIES' Agreement.

The Pathway programme plan details the schedule for the EPOSS Acceptance Test.

4. DELIVERABLES & SERVICES

This section details the Deliverables and Services that are the subject of this Acceptance Test and as defined by the related Agreements.

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Deliverable or Service.	Contract Reference	Method
EPOSS	POCL Agreement Schedule A15: Requirements	Acceptance Trial Acceptance Review

*Table of Deliverables and Services.***5. ACCEPTANCE CRITERIA**

This section lists the identifier of each Acceptance Criterion that will be demonstrated by the Acceptance Test. It also lists the Acceptance Test Conditions that are used to determine whether (or not) the Acceptance Criterion has been met together with the applicable test Phase, Technical Test, or Live Trial.

Acceptance Criteria are split into three sets of tables according to the nature of the acceptance method, one set for those tested by Acceptance Trial, a second for those tested by Acceptance Review and a third which lists those criteria which are for Acceptance at a later release. The Release on which Acceptance is to be conducted is defined by reference to the Release Contents Description included in the Associated Documents section of the Acceptance Specification. Exceptionally, it may be necessary for one particular Acceptance Criterion to be tested by a combination of trial and review in which case there are entries for Trial and Review.

5.1 ACCEPTANCE CRITERIA AND TEST CONDITIONS

Conformance of the EPOSS Acceptance Criteria will be demonstrated through Acceptance Trials and/or Acceptance Reviews.

Tests conducted by Acceptance Trials comprise practical tests using prepared test scripts. If applicable the Test Condition(s) appropriate to a criterion are specified in section 5.1.1 together with a description of the test. Detailed composition of the test in terms of sequences of Test Conditions is contained in Section 10. In the tables in section 5.1.1 the rows labelled Function Run Entry will be populated immediately prior to the running of the Acceptance Trials in a working version of the Acceptance Specification. These will provide invigilators with references to the checklists used to monitor the progress of the testing. The order of running of Test Conditions will not necessarily correspond to the order presented in HLTPs because of the “physicalisation” of the testing. The Function Run Entry will allow the invigilator to read across from the criterion to the checklist.

Tests conducted by Acceptance Review comprise typically document reviews, site visits or presentations. If applicable the Test Condition(s) are described in

section 5.1.2.

5.1.1 Description Of Tests Conducted By Acceptance Trial

The tables below show which Acceptance Criteria will be met by Acceptance Trial.

All of the tests in this section will be scheduled during the Technical Test phase.
All of the tests in this section will be performed during the Technical Test phase.

Where as part of a test a report or receipt is printed the contents of the report will as part of the test be checked for compliance to appropriate specification.

Requirement Id	473
Criterion	2
Derivation	Requirement
Criterion Description	Access to OPS and Services offered via OPS to staff working in the Outlets shall be controlled by a mechanism, conforming to the POCL Style Guide, offering multiple access levels and providing specific identification of each User
HLTP / Business Thread Scenario	HTLP VI/PLA/011 Post Office domain security See also response to 820/1 <i>See also Acceptance Review</i>
Scenario Description	Access Controls: Tests to validate correct operation of access control policy. OPS05_2
Function Run Entry	

Requirement Id	533
Criterion	1
Derivation	Requirement
Criterion Description	If the Service Infrastructure has a facility to operate in dummy training mode, it shall not interfere with the transfer or integrity of DSS Data or POCL Data
HLTP / Business Thread Scenario	<i>The training facilities are provided by the underlying Riposte software and not by the EPOSS software. When a user enters training mode a 'training' version of the message store is created and a training 'service' takes control of the desktop system. Operation of training mode is tested in the training mode system test, TRA01. Test of non interference with live data is covered in TIP Interface system tests, HLTP TPS0101 (48)</i>
Scenario Description	At PO 1; Enter Training Mode in EPOSS and perform a random sample of Transactions, e.g. Create Stock Unit, Attach Stock Unit, perform EPOSS/OBCS/APS/BES transactions.

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	<i>Expected result:</i> TIP: No TIP transactions produced/harvested. DW: No DW transactions produced/harvested
Function Run Entry	

Requirement Id	555
Criterion	6
Derivation	Requirement
Criterion Description	In each Outlet from Roll Out at such Outlet EPOSS shall support printing on manually fed pre-printed forms at the counter, for example Girobank summary forms G4631, G4632 and G4633;
HLTP / Business Thread Scenario	Produced at several points in the Business Thread e.g. BT EPO01 3.3.2/19, 3.3.4/6, 3.3.7/6, 3.3.10/8 EPO0102
Scenario Description	Clerk 1 produces counter daily Client Summary reports. These are used for checking against manually collated batches of client vouchers. Clerk 2 produces counter daily transaction summary reports. Client summaries are used for checking against manually collated batches of client vouchers Clerk 1 serves a number of customers with a variety of products, settling with a variety of methods of payment Clerk 1 produces counter weekly Client Summary reports
Function Run Entry	

Requirement Id	555
Criterion	8
Derivation	Requirement
Criterion Description	In each Outlet from Roll Out at such Outlet EPOSS shall support printing of existing Client reports at the counter. This shall include printing in large fonts and printing with 90 degree rotation
HLTP / Business Thread Scenario	
Scenario Description	This will be proved by achieving 555/6.
Function Run Entry	

Requirement Id	555
Criterion	9
Derivation	Requirement
Criterion Description	In each Outlet from Roll Out at such Outlet EPOSS shall support the connection of electronic weighing scales

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	(which shall not be supplied under the Related Agreements) to the Service Infrastructure. As a minimum, connections shall include Avery Berkel type D104 and A702. It shall be possible to share a set of weighing scales between two or more Counter Positions at which the Service Infrastructure has been installed
HLTP / Business Thread Scenario	BT EPO01 3.3.12/3 EPO0102 & EPO0103 See also response to 824/2 <i>Note: A702 not supported at Release2 - see Later Acceptance.</i>
Scenario Description	Clerk 1 serves a number of customers with a variety of products including scales transactions, settling with a variety of methods of payment.
Function Run Entry	

Requirement Id	555
Criterion	11
Derivation	Requirement
Criterion Description	In each Outlet from Roll Out at such Outlet EPOSS shall support the printing of cash accounts and plain paper summaries
HLTP / Business Thread Scenario	BT EPO01 3.3.6/24 EPO0102 see also response to Requirements 834/3 and 837
Scenario Description	Cash Account printed by Manager
Function Run Entry	

Requirement Id	691
Criterion	5
Derivation	SADD 4.1.3.3.2.7
Criterion Description	EPOSS shall provide the facility to manage and report on the movement of Cash or Stock Items, either at Stock Unit level within each Outlet, or at the level of transfers to and from other locations external to each Outlet.
HLTP / Business Thread Scenario	BT EPO01, 3.3.2; 3.3.4/8,9 <i>See also Acceptance Review</i>
Scenario Description	<i>In 3.3.2 this thread is a variety of Remittance In, Transfer In Transfer Out transactions, including reversal and error correction, under normal conditions and with LAN and power failures</i> 8) Manager 1 returns stock (including cash) to an external source (e.g. another outlet or a supplies division) by remitting items out from Stock Unit 1. On completion, a Remittance Out slip showing the decrease in cash and stock levels is produced. 9) Manager 1 has accidentally remitted out an incorrect

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	item of stock. He obtains the transaction reference number from the Transaction Log and reverses the transaction
Function Run Entry	

Requirement Id	692
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall accept single or multiple Methods of Payment as settlement
HLTP / Business Thread Scenario	BT EPO01 3.3.2/16,18 EPO0102
Scenario Description	<p>Whilst purchasing a number of products which Clerk 1 has entered at his counter, a customer decides he no longer requires one of the products. The clerk voids the transaction and continues with the session, finally settling the session in cash</p> <p>Clerk serves a number of customers with a variety of products, settling with a mixture of methods of payment.</p>
Function Run Entry	

Requirement Id	693
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall allow production of a VAT receipt for Customers at the end of each Customer Session, but before the next Transaction is entered
HLTP / Business Thread Scenario	BT EPO01 - 3.3.3/1b EPO0102 <i>format of receipt is as agreed in (16)</i>
Scenario Description	A customer purchases, and requires a receipt for, a number of products which Clerk 1 enters at his counter. At the end of the session the customer pays the balance with the correct amount of cash, and the session is settled. The clerk then produces a receipt.
Function Run Entry	

Requirement Id	693
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall allow automatic production of a non VAT receipt for Customers to support a specific Service e.g. BES or APS.
HLTP / Business Thread Scenario	<i>The capability to produce receipts for Services such as BES or APS is provided by a combination of Reference Data, through which the content of the receipt is specified,</i>

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	<i>and the Service in question selecting that type of receipt.</i> HLTP APS0101(49)/BT ref 3.2018 to 2.2024 BT BPS10(50)/case2
Scenario Description	<p>APS: Make an APS payment. Use automated token identification. Key in valid payment details. Print receipts and stack payment. Do not end customer session (repeated with various tokens)</p> <p>Print customer session receipt. End customer session. Confirm committal of Magnetic Card Payment transactions</p> <p>BPS: A customer is issued with a card and collects a payment and printed receipt at their NPO.....</p> <p><i>Observe that receipts are produced automatically by the BES and APS services.</i></p>
Function Run Entry	

Requirement Id	693
Criterion	4
Derivation	Requirement
Criterion Description	A bilingual Welsh/English receipt header and footer is required in designated Outlets
HLTP / Business Thread Scenario	<p>Bilingual Receipt BT EPO01 3.3.3/2 HTLP EPO0102</p> <p>English receipt BT EPO01 3.3.3/2 HTLP EPO0101</p> <p><i>Note EPO0102 is run in an office designated by ref data to be English, EPO0103 Welsh.</i></p>
Scenario Description	<p>A customer purchases, and requires a receipt and a duplicate receipt for, a number of products which Clerk 1 enters at his counter. At the end of the session the customer pays the balance with the correct amount of cash, and the session is settled. The clerk then produces a receipt and a duplicate receipt.</p> <p><i>Note: that the receipt is in the correct language will be checked according to which HLPT is being run</i></p>
Function Run Entry	

Requirement Id	693
Criterion	5
Derivation	Requirement
Criterion Description	EPOSS shall allow production of additional (duplicate) receipts and they shall be marked as such
HLTP / Business	BT EPO01 3.3.3/2 HLTP EPO0102

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Thread Scenario	
Scenario Description	A customer purchases, and requires a receipt and a duplicate receipt for, a number of products which Clerk 1 enters at his counter. At the end of the session the customer pays the balance with the correct amount of cash, and the session is settled. The clerk then produces a receipt and a duplicate receipt
Function Run Entry	

Requirement Id	694
Criterion	1
Derivation	Requirement
Criterion Description	The CONTRACTOR shall provide a point of sale / "Till" function to record all sales
HLTP / Business Thread Scenario	BT EPO01 3.3.3/3,9; 3.3.6/1b, 13, 23a HLTP EPO0102
Scenario Description	<p>Clerk 1 serves a number of customers with a variety of products, settling with a variety of methods of payment. Clerk 1 declares and produces a report for cash in hand. He then balances Stock Unit 2 and produces a stock unit trial balance report. This shows no discrepancies</p> <p>Clerk serves a number of customers with a variety of products, settling with a variety of methods of payment. Manager produces weekly Sales Report. Manager 1 confirms the office balance and produces an office final balance report.</p> <p>He also produces Transaction Log reports to verify transaction activity within the outlet.</p> <p><i>For detail of range of products covered in the scripts see summary added as section 5.1.3 to this document.</i></p>
Function Run Entry	

Requirement Id	694
Criterion	2
Derivation	Requirement
Criterion Description	Data shall be automatically recorded in EPOSS if captured during another Service at the point of sale.
HLTP / Business Thread Scenario	
Scenario Description	This requirement duplicates 835/1
Function Run Entry	

Requirement Id	694
Criterion	3

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Derivation	Requirement
Criterion Description	EPOSS shall allow the manual input by the User of weight values where scales are not linked
HLTP / Business Thread Scenario	BT EPO01 3.3.12/2 EPO0102
Scenario Description	The scales connection to the counter is inoperable, so an item is weighed manually. The clerk then provides the weight to the system, selects the destination and service required for the item, and settles the session.
Function Run Entry	

Requirement Id	695
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall provide the facility to adjust cash and Stock levels within a Stock Unit to reflect the actual levels on hand
HLTP / Business Thread Scenario	This facility is demonstrated at numerous points within the testing. For example BT EPO01 - HLTP EPO0102 3.3.4/12, 3.3.9/6b, 3.3.10/17a
Scenario Description	Clerk 2 declares and produces reports for the actual physical contents for stock (shared stock unit only), stamps and cash in hand in Stock Unit 2. The system reports that there is a discrepancy (a loss) between the actual amounts declared, and that maintained by the system. After investigation this loss is removed by re-declaration. Clerk 1 adjusts his existing stock of 1st Class stamps at the old price to zero, and adjusts the stock of Postage Stamps upwards by the total value of 1st Class stamps at the old price. Clerk 1 posts unpaid cheque and voucher amounts to the Suspense Account, awaiting payment, and adjusts the stock of unpaid cheques and vouchers to zero.
Function Run Entry	

Requirement Id	695
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall provide each Outlet with the flexibility to set up Stock Unit(s) according to the local working practice requirement.
HLTP / Business Thread Scenario	EPOSS allows the creation of either shared or un-shared Stock Units, and in the case of the former the attachment of multiple Users. Tested repeatedly during HTLP

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	EPO0103 (multiple counter scenario).
Scenario Description	See response to 695 5/6
Function Run Entry	

Requirement Id	695
Criterion	3
Derivation	Requirement
Criterion Description	Within EPOSS there shall be a Stock Unit management facility at Outlet level to change Stock Unit options and assignments
HLTP / Business Thread Scenario	BT EPO01 - 3.3.1/3,4,5,20,21,24,25; 3.3.2/1,2,3,4; 3.3.4/1c; 3.3.5/1b,4; EPO0102
Scenario Description	Stock unit management is provided within EPOSS, and is exercised at numerous points during the testing. In the above the functions of create, assign, re-assign and delete are tested, for both shared and individual stock units.
Function Run Entry	

Requirement Id	695
Criterion	5,6
Derivation	Requirement
Criterion Description	EPOSS shall allow a User or group of Users to be accountable for a Stock Unit, so that each Outlet has at least one Stock Unit, but there can be other Stock Units, effectively operating independently. Each Stock Unit can in turn be tied to both a User or group of Users or a single Till or group of Tills.
HLTP / Business Thread Scenario	<p><i>Note: definition of a Till:</i> <i>A part or whole of a Stock Unit depending upon whether or not that Stock Unit is the sole charge of one individual or is shared between several.</i></p> <p>The system supports the concept of multiple stock units capable of independent operation. The creation of stock units, attachment of users to them and reporting on the balance within them is exercised repeatedly throughout the test threads. Users can only do transactions against the stock unit to which they are allocated. Every Transaction is recorded against User, Stock Unit and Node. e.g. in BT EPO01 3.3.2/ 1-4 HLTP EPO0103</p>
Scenario Description	Manager 1 creates Stock Units 1 to 4 for use in the outlet. Manager 1 creates Clerks 1 to 4 as users for the outlet.

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	Manager 1 attaches himself to Stock Unit 1. Manager 1 attaches Clerk 1 to Stock Unit 2.
Function Run Entry	<i>Pathway do NOT accept that POCL can request by-node reporting under this Requirement. (1) the Requirement is not about reporting, and (2) Nodes are not mentioned in the Requirement - they are NOT synonymous with Tills.</i>

Requirement Id	695
Criterion	7
Derivation	Requirement
Criterion Description	EPOSS shall allow each Stock Unit to be Balanced individually. The Stock Unit may be Balanced more than once within a POCL Outlet Accounting Period. Cash and Stock Items shall be entered by denomination or Stock Item level. This applies whether or not multiple Tills are linked to a single Stock Unit
HLTP / Business Thread Scenario	BT EPO01 HLTP EPO0102 and 03 3.3.3/7-10 + 3.3.4/12-14
Scenario Description	<p>He declares and produces reports for the actual physical contents for stock (shared stock unit only), and stamps in Stock Unit 2. The system reports that there is a discrepancy (a gain) between the actual amounts declared, and that maintained by the system. After investigation this gain is removed by adjustment Clerk 1 declares and produces a report for cash in hand. He then balances Stock Unit 2 and produces a trial balance report. This shows no discrepancies. Clerk 1 rolls over Stock Unit 2 ready for working in the next BP of the current CAP and produces a final balance report. This is allowed even though there is an outstanding transfer out session.</p> <p>Clerk 2 declares and produces reports for the actual physical contents for stock (shared stock unit only), stamps and cash in hand in Stock Unit 2. The system reports that there is a discrepancy (a loss) between the actual amounts declared, and that maintained by the system. After investigation this loss is removed by redeclaration Clerk 2 balances Stock Unit 2 and produces a trial balance report. This shows no discrepancies Clerk 2 rolls over Stock Unit 2 ready for working in the next BP of the current CAP and produces a final balance report. This is allowed even though there is an outstanding transfer in session.</p>

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Function Run Entry	
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Requirement Id	695
Criterion	8
Derivation	Requirement
Criterion Description	At the end of the POCL Outlet Accounting Period an Outlet Balance is struck with the details provided by the Balanced Stock Units
HLTP / Business Thread Scenario	BT EPO01 3.3.6/23-23a EPO0102
Scenario Description	<p>Manager 1 performs an office balance and produces an office trial balance report. The report shows a net shortage discrepancy, but the Payments total is found to be equal to the Receipts total.</p> <p>Manager 1 confirms the office balance and produces an office final balance report.</p>
Function Run Entry	

Requirement Id	695
Criterion	9,10
Derivation	Requirement
Criterion Description	<p>An Outlet brings to account manual voucher Transactions including Transaction Vouchers, automated voucher Transactions including Transaction Vouchers, reports the Suspense Account position and the Stock and cash totals within the approved Cash Account format.</p> <p>The cycle is repeated in the new POCL Outlet Accounting Period with an Outlet Balance brought forward value that includes the Stock and cash in hand, Suspense Account and loss and gain position from the previous POCL Outlet Accounting Period.</p>
HLTP / Business Thread Scenario	BT EPO01 EPO0102 3.3.6/1-24[CAP1], 3.3.10/1-25[CAP2]
Scenario Description	<p>A variety of transactions are processed, culminating with the Manager rolling over the office into the next CAP. He produces a Cash Account Snapshot to provide a definitive summary of all of the business transacted at the outlet during the current CAP. The Snapshot shows a net shortage discrepancy, but the Payments total is found to be equal to the Receipts total. He then produces a Cash Account Report and rolls over the office into the next CAP. A suspense item carried forward from CAP1 is adjusted in CAP2.</p>
Function Run Entry	

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Requirement Id	695
Criterion	11
Derivation	Requirement
Criterion Description	EPOSS shall provide a secure mechanism for controlling access to a Stock Unit
HLTP / Business Thread Scenario	BT EPO01 3.3.1/21 EPO0101 @ 14:30
Scenario Description	<i>820/1 tests controls on access to the system. The only additional control on access to a stock unit is that one cannot attach to an individual stock unit already in use. Attempt to attach a user Supervisor 1 to individual Stock Unit 2 (already has a user attached)</i>
Function Run Entry	

Requirement Id	695
Criterion	12
Derivation	SADD 4.1.3.1.2.1
Criterion Description	Before a Counter Clerk is allowed to record Customer Transactions on EPOSS, EPOSS shall require that the Counter Clerk has validly connected to a Stock Unit, either exclusively or shared with other Counter Clerks, against which his Transactions are to operate.
HLTP / Business Thread Scenario	<i>Users log on at many points in the script. Observe that on logging on to the system there is no alternative to attaching to a stock unit. If a new user has not yet been allocated to a stock unit he will be attached to the default stock unit.</i> e.g. in BT EPO01 3.3.1/4 EPO0101
Scenario Description	Manager 1 changes his attachment from the Default Stock Unit to Stock Unit 1. He is restricted to performing functions appropriate to his role.
Function Run Entry	

Requirement Id	696
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall allow production of a daily Report that shows, at Outlet level, the cash holdings by individual denomination of bank note and coin. The format of the report shall be agreed by POCL and the CONTRACTOR by a date consistent with the project plan agreed by the parties, such that the date does not adversely impact contractual milestones as defined in Clause 605.1 of the Authorities Agreement.
HLTP / Business Thread Scenario	This Requirement is met by a combination of the daily declaration report and the weekly cash flow report. Review (16) for agreement of formats

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	The report is printed on many occasions during testing e.g. BT EPO01 EPO0102 3.3.2/20, 3.3.6/12
Scenario Description	At the end of day, Clerk 1 declares the value of cash on hand by denomination in Stock Unit 2, for inclusion in the office weekly Cash Flow report. When he has finished he realises that he has made a mistake during declaration, so he re-declares the cash on hand and produces a Declaration Report Manager 1 produces the office weekly Cash Flow report.
Function Run Entry	

Requirement Id	696
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall support the summarisation of daily and weekly Transaction Vouchers at Stock Unit level.
HLTP / Business Thread Scenario	BT EPO01 3.3.10/7-12 EPO0102
Scenario Description	Clerk 1 produces counter daily transaction summary reports. Client summaries are used for checking against manually collated batches of client vouchers. Clerk 1 produces counter weekly Client Summary reports. At the end of day, Clerk 1 declares the value of cash on hand by denomination in Stock Unit 2, for inclusion in the office weekly Cash Flow report, and produces a declaration report. Clerk 1 produces the counter weekly Rent Schemes report. Clerk 1 produces the counter weekly Bus Tokens report. Clerk 1 produces the counter weekly Infrequent Transactions report. <i>For detail of range of products covered in the scripts see summary added as section 5.1.3 to this document.</i>
Function Run Entry	

Requirement Id	696
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall support a reporting facility to print on Client cut sheet stationery where the Client requires it (including without limitation Girobank daily summaries).
HLTP / Business Thread Scenario	
Scenario Description	This requirement duplicates 555/6

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Function Run Entry	
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Requirement Id	696
Criterion	6
Derivation	Requirement
Criterion Description	EPOSS shall allow production of duplicate receipts and they shall be marked as such
HLTP / Business Thread Scenario	
Scenario Description	This requirement duplicates 693/5
Function Run Entry	

Requirement Id	696
Criterion	7
Derivation	Requirement
Criterion Description	EPOSS shall support a reporting facility to print on Client cut sheet stationery to support Girobank and the Postmaster's Daily Record (PDR) summarisation.
HLTP / Business Thread Scenario	
Scenario Description	This requirement duplicates 555/6.
Function Run Entry	

Requirement Id	696
Criterion	9
Derivation	Requirement
Criterion Description	EPOSS shall allow reporting to be previewed on screen
HLTP / Business Thread Scenario	
Scenario Description	<p>This is a general facility provided by the EPOSS system. The Low Level Test Plans call for all reports to be both previewed and printed e.g. EPO0102 29/3/97 at 04:00:00 Print and preview Other banks cheques. Check results match data entered.</p> <p>Remit In stock from a client to Stock Unit 1, while the counter printer is switched off. Warning that printer not working. Remittance In slip produced as a screen preview automatically. Shows stock items, quantity and value.</p>
Function Run Entry	

Requirement Id	800
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall support the recording of all Transactions between the Customer and the User.
HLTP / Business	This duplicates 694/1

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Thread Scenario	
Scenario Description	
Function Run Entry	

Requirement Id	800
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall allow the selection of Customer Sessions to allow for: a) normal Customer service or; b) a Refund or; c) a Reversal
HLTP / Business Thread Scenario	Tested in numerous instances e.g. BT EPO01 3.3.4/2, 3.3.11/1d, 2 HLTP EPO0102
Scenario Description	A customer who was served in a previous Balance Period within the same Cash Account Period returns to the outlet and requests a refund. Clerk 2 obtains the relevant transaction reference numbers from the Transaction Log and reverses the transactions. The customer is refunded. A customer returns to the outlet to request a refund for purchases made. Clerk 1 obtains the transaction reference numbers from the Transaction Log and finds that the transactions were carried out in a previous CAP. He uses the "new" reversal facility to select the quantity and value of products returned for reversal and reverses them. The customer is refunded. Clerk 1 serves a number of customers with a variety of products, settling with a variety of methods of payment.
Function Run Entry	

Requirement Id	800
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall uniquely identify a customer session and each transaction within the Balancing Period.
HLTP / Business Thread Scenario	HTLP VI/PLA/011 OPS06_3 <i>See also 803/1</i>
Scenario Description	Riposte Message Store - Audit Multiple test to check integrity of message store
Function Run Entry	

Requirement Id	800
Criterion	4
Derivation	Requirement

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Criterion Description	EPOSS shall allow Customer Session completion to be implemented in a way to encourage a 'one Customer one session' rule.
HLTP / Business Thread Scenario	EPOSS allows the customer to add to or subtract from his purchase requirements up till final settlement of the transaction. For example BT EPO01 - 3.3.2/16 EPO0102
Scenario Description	Whilst purchasing a number of products which Clerk 1 has entered at his counter, a customer decides he no longer requires one of the products. The clerk voids the transaction and continues with the session, finally settling the session in cash.
Function Run Entry	

Requirement Id	800
Criterion	5
Derivation	Requirement
Criterion Description	EPOSS shall provide a cash tendered facility to calculate change due to the Customer. Use of this feature shall be at the discretion of the User and not forced by EPOSS
HLTP / Business Thread Scenario	This facility is simply part of the stack handling process. A running total for the session is provided. If cash received in excess of the total is entered then the running total will show the change due, which can be settled using the fast cash capability. E.g. BT EPO01 3.3.4/4 EPO0102
Scenario Description	Clerk 2 serves a staff member with a number of products, some discountable and some non-discountable. At the end of the session the clerk applies a session discount which is applied to all of the discountable products sold. The staff member tenders an amount greater than the balance due , receives some change, and the session is settled
Function Run Entry	

Requirement Id	800
Criterion	6
Derivation	SADD
Criterion Description	Within a Customer Session EPOSS shall allow: Void Transactions. [SADD 4.1.3.1.10.]
HLTP / Business Thread Scenario	Tested in many places in the thread: e.g. BT EPO01 3.3.2/16, 18a EPO0102
Scenario Description	Whilst purchasing a number of products which Clerk 1 has entered at his counter, a customer decides he no longer requires one of the products. The clerk voids the transaction and continues with the session, finally settling the session in cash.

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	Clerk 1 produces a transaction log showing customer sales transactions performed during the day. Voided transactions are not shown.
Function Run Entry	

Requirement Id	801
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall support the current range of business performed within outlets eg (a) value stock (b) method of payment (c) a counter shortage known as a "loss" (d) a counter shortage known as a "gain" (e) a POCL product (f) an inpay supported by a client voucher (receipt) (g) an outpay supported by a a client voucher (payment)
HLTP / Business Thread Scenario	BT EPO01: HLTP EPO0102 1. (a), (b), (e), (f) BT 3.3.4/4 2. (c) BT 3.3.4/12 3. (d) BT 3.3.3/7 4. (g) BT 3.3.4/5 See Also 808/3
	<p>1. A customer purchases a mixture of discounted and non-discountable products. Clerk 2 applies a discount on all the discountable products in the session. The customer pays the balance in cash and receives some change, and the session is settled. (this includes a Girobank deposit)</p> <p>2. Clerk 2 is a temporary clerk. He will not be available again. At a counter he declares the actual physical contents for stock (shared stock unit only), stamps and cash in hand in Stock Unit 2. The system reports that there is a discrepancy (a loss) between the actual amounts declared, and that maintained by the system. After investigation this loss is removed by re-declaration.</p> <p>3. Clerk 1 is going on holiday until the start of the next CAP. At a counter he declares the actual physical contents for stock (shared stock unit only), and stamps in Stock Unit 2. The system reports that there is a discrepancy (a gain) between the actual amounts declared, and that maintained by the system. After investigation this gain is adjusted.</p> <p>4. Clerk 2 serves a number of customers with a variety of</p>

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	products, settling with a variety of methods of payment. (this includes a Girobank a/c withdrawal)
Function Run Entry	

Requirement Id	801
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall support the Customer Transaction by price type as follows: (a) fixed price - where the price is held by EPOSS; or (b) variable price (open) - where the User enters the actual price. If the valid range excludes zero the User is forced to enter a non zero price; or (c) variable price (default) - where the default price is non zero. The User can either accept this price or overtype to change it within the valid range.
HLTP / Business Thread Scenario	BT EPO01 3.3.3/3 HLTP EPO0102
Scenario Description	Clerk 1 serves a number of customers with a variety of products, settling with a variety of methods of payment. Settle session by TV stamp redemption, using the TV stamp non-zero default value Settle session by TV stamp redemption, overriding the TV stamp non-zero default value
Function Run Entry	

Requirement Id	801
Criterion	3
Derivation	Requirement
Criterion Description	Where necessary Composite Products shall be declared at individual denomination or item level by the User as part of the Balancing activity
HLTP / Business Thread Scenario	this is demonstrated whenever cash or stamps are declared and input by denomination. e.g. BT EPO01 3.3.4/12 HLTP EPO0102
Scenario Description	Clerk 2 declares and produces reports for the actual physical contents for stock (shared stock unit only), stamps and cash in hand in Stock Unit 2.
Function Run Entry	

Requirement Id	802
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall maintain the current Stock record for Value Stock items and Methods of Payment to reflect the Transactions completed, e.g. if a postal order and the Associated Fee are sold for cash the Stock of the former is decreased and that of the cash is increased.

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HLTP / Business Thread Scenario	BT EPO01 3.3.2/5,18,20 ; 3.3.3/6a
Scenario Description	<p>Manager 1 produces a balance snapshot for Stock Unit 1 which shows no stock or transaction activity. He then replenishes stock (including cash) from an external source (e.g. another outlet or a supplies division) by remitting items into Stock Unit 1. Whilst remitting in stock, he suspends the session to serve a customer. On completion, a Remittance In slip showing the increase in cash and stock levels is produced.</p> <p>Clerk 1 serves a number of customers with a variety of products (including postal order), settling with a variety of methods of payment.</p> <p>At the end of day, Clerk 1 produces a balance snapshot for Stock Unit 1 which reflects the stock position and activity during the day. He then declares the value of cash on hand by denomination in Stock Unit 2, for inclusion in the office weekly Cash Flow report. When he has finished he realises that he has made a mistake during declaration, so he re-declares the cash on hand and produces a declaration report</p> <p>Clerk 1 ... produces a balance snapshot for Stock Unit 2 to provide a summary of the stock unit's activities during the current BP.</p>
Function Run Entry	

Requirement Id	802
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS must allow compensating errors to be remedied without the need to perform a Reversal or a sale.
HLTP / Business Thread Scenario	BT EPO01 3.3.3/7 HLTP EPO0102
Scenario Description	...declares and produces reports for the actual physical contents for stock (shared stock unit only), and stamps in Stock Unit 2. The system reports that there is a discrepancy (a gain) between the actual amounts declared, and that maintained by the system. After investigation this gain is removed by adjustment
Function Run Entry	

Requirement Id	803
Criterion	1

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Derivation	Requirement
Criterion Description	EPOSS shall accurately maintain data and record all Transaction Sessions as double entries
HLTP / Business Thread Scenario	<i>This can be observed all through the test thread. EPOSS maintains a running balance for each session, and a session cannot be completed until payments (by cash or other methods) and purchases net to zero.</i> e.g. BT EPO01 3.3.2/18, 3.3.6/24 HLTP EPO0102 <i>See also 800/3</i>
Scenario Description	Clerk 1 serves a number of customers with a variety of products (including postal order), settling with a variety of methods of payment. Manager 1 rolls over the office into the next CAP. Two copies of the final Cash Account report are automatically produced. <i>(note: BT tracks transaction data from the beginning of a CAP (clean slate) to the completion and rollover of that CAP).</i>
Function Run Entry	

Requirement Id	803
Criterion	2
Derivation	Requirement
Criterion Description	If EPOSS is interrupted or fails during a Customer Session the Service Infrastructure shall ensure that data capture is resilient and consistent with the need to retain a balanced status
HLTP / Business Thread Scenario	Power interruption and LAN disconnects are tested repeatedly for all transaction types. E.g. BT EPO01 3.3.8/4 HLTP EPO0102 <i>This requirement is a subset of 830/1</i> <i>See also Pathway Release 2 Technical Integrity and Networking HLTP (21) for extensive testing of failure scenarios.</i>
Scenario Description	Whilst Clerk 1 is serving a customer, there is a power failure at the counter. When power is restored the customer session is lost and stock levels remain unchanged.
Function Run Entry	

Requirement Id	804
Criterion	1
Derivation	Requirement
Criterion Description	A journal of all Transaction data must be available to allow the user to refer back to a previous Transaction.
HLTP / Business	BT EPO01 - 3.3.2/8 HLTP EPO0102

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Thread Scenario	<i>See Also 800/2 and 694/1</i>
Scenario Description	Manager 1 has accidentally remitted into Stock Unit 1 an incorrect item of stock. He obtains the transaction reference number from the Transaction Log and reverses the transaction.
Function Run Entry	

Requirement Id	804
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall provide a Transaction log for any Balancing Period in the POCL Outlet Accounting Period to allow the User to refer back to a previous Transaction.
HLTP / Business Thread Scenario	See also 804/1
Scenario Description	This is a sub-set of Requirement 816/3
Function Run Entry	

Requirement Id	804
Criterion	3
Derivation	Requirement
Criterion Description	The Transaction log may be used in conjunction with a Transaction Reversal by the User to identify the unique Transaction Id
HLTP / Business Thread Scenario	Transaction log accessed repeatedly during testing for a variety of transactions. e.g. BT EPO01 3.3.2/8 HLTP EPO0102
Scenario Description	Manager 1 has accidentally remitted into Stock Unit 1 an incorrect item of stock. He obtains the transaction reference number from the Transaction Log and reverses the transaction.
Function Run Entry	

Requirement Id	804
Criterion	4
Derivation	Requirement
Criterion Description	The Transaction log shall be easily accessible to the User for the resolution of enquiries
HLTP / Business Thread Scenario	BT EPO01 3.3.14/1b
Scenario Description	Manager 1 produces a full range of transaction log reports covering the previous 2 CAPs.
Function Run Entry	

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Requirement Id	805
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall maintain a log of Transactions attempted and actioned at Stock Unit level
HLTP / Business Thread Scenario	see 804/4 above for transactions. See 805/2 for other events
Scenario Description	Auditor 1 wishes to check the events that have taken place at the outlet over the last three CAPs. He uses a "single user password account" to gain entry to the system, and produces event logs to provide the information.
Function Run Entry	

Requirement Id	805
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall provide an audit/Event log for any Balancing Period in the current POCL Outlet Accounting Period by Stock Unit
HLTP / Business Thread Scenario	BT EP01: 3.3.13/8 HLTP EPO0102
Scenario Description	Auditor 1 wishes to check the events that have taken place at the outlet over the last three CAPs. He uses a "single user password account" to gain entry to the system, and produces <i>the full range of</i> event logs to provide the information.
Function Run Entry	

Requirement Id	805
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall provide a facility to allow the User to inspect activities on the Stock Unit within the POCL Outlet Accounting Period so that, without limitation all attempts to access a Stock Unit can be detected
HLTP / Business Thread Scenario	BT EP01: 3.3.13/8 HLTP EPO0102 See also 805/2
Scenario Description	Auditor 1 wishes to check the events that have taken place at the outlet over the last three CAPs. He uses a "single user password account" to gain entry to the system, and produces event logs to provide the information.
Function Run Entry	

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Requirement Id	805
Criterion	4
Derivation	Requirement
Criterion Description	The audit/Event log shall be readily available to the User for the resolution of enquiries
HLTP / Business Thread Scenario	BT EP01: 3.3.13/8 HLTP EPO0102 See also 805/2
Scenario Description	Auditor 1 wishes to check the events that have taken place at the outlet over the last three CAPs. He uses a "single user password account" to gain entry to the system, and produces event logs to provide the information.
Function Run Entry	

Requirement Id	805
Criterion	5
Derivation	SADD 4.1.3.1.16
Criterion Description	All Transactions and actions undertaken in EPOSS shall be recorded in an audit trail by use of, and maintained by, the POCL Infrastructure Services.
HLTP / Business Thread Scenario	<i>All Transactions and actions are recorded in the RIPOSTE message store. Transaction data can be printed on the Transaction log, Event data (e.g. logging on) can be printed on the Event Log.</i>
Scenario Description	see 805 / 1,2 above
Function Run Entry	

Requirement Id	806
Criterion	1
Derivation	Requirement
Criterion Description	The date and time within EPOSS shall be accurately maintained and remain in step with Greenwich Mean Time and/or British Summer Time as appropriate.
HLTP / Business Thread Scenario	Time testing is covered extensively by the Systems Management HLTP (44) TM10 <i>See also Acceptance Review</i>
Scenario Description	Advance a platform clock and wait for resync.
Function Run Entry	

Requirement Id	807
Criterion	1,2,3
Derivation	Requirement
Criterion Description	EPOSS shall allow the movements of Value Stock Items

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	and Methods of Payment into and out of Stock Units within the same Outlet to be recorded. The data recording a movement shall be entered in a Transaction Session similar to a Customer Session except that the session total comes to the Transfer total rather than to zero. However, EPOSS shall adjust overall item Stock levels when the data entry session is complete so that the "balance" of the Stock Unit is maintained
HLTP / Business Thread Scenario	This is tested in many places - for example: BT EPO01 - 3.3.2/9,12; 3.3.6/17 HLTP EPO0102
Scenario Description	<p>Manager 1 transfers out cash and stock from Stock Unit 1 to receiving Stock Unit 2. Whilst performing the transfers, he suspends the session to serve a customer. On completion, a Transfer Out slip showing the decrease in cash and stock levels is produced.</p> <p>Clerk 1 transfers into Stock Unit 2 cash and stock (except the stamp books) that have been transferred out from sending Stock Unit 1. On completion, a Transfer In slip showing the increase in cash and stock levels is produced</p> <p>Clerk 3 rolls over Stock Unit 2 ready for working in the first BP of the next CAP and produces a final balance report. <i>Note: this includes an attempt to transfer to stock to a unit in a different CAP</i> <i>The range of products covered by the scripts is summarised in section 5.1.3.</i></p>
Function Run Entry	

Requirement Id	807
Criterion	4
Derivation	Requirement
Criterion Description	Each movement is entered to the current Balancing Period for the Stock Unit
HLTP / Business Thread Scenario	Near the end of day 2 of BT EPO01 a Balance Report is produced, which will show the amounts transferred in and out earlier in the BT: BT 3.3.3/9,10 HLTP EPO0102
Scenario Description	<p>Clerk 1 declares and produces a report for cash in hand. He then balances Stock Unit 2 and produces a trial balance report. This shows no discrepancies</p> <p>Clerk 1 rolls over Stock Unit 2 ready for working in the next BP of the current CAP and produces a final balance report. This is allowed even though there is an outstanding transfer out session</p>

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	<i>In here is a test that the CAP cannot be rolled with outstanding transfers</i>
Function Run Entry	

Requirement Id	807
Criterion	5
Derivation	SADD 4.1.3.3.2.6
Criterion Description	EPOSS shall provide the facility to manage and report on the movement of Cash or Stock Items at Stock Unit level within each Outlet
HLTP / Business Thread Scenario	this is a sub-set of 691/5
Scenario Description	
Function Run Entry	

Requirement Id	808
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall provide a Suspense Account facility where items that cannot be cleared operationally during one POCL Outlet Accounting Period can be identified and carried forward to the next
HLTP / Business Thread Scenario	Tested a number of times during the thread e.g. BT EPO01 3.3.7/1b; 3.3.9/6; 3.3.10/17a,22; 3.3.11/1b HLTP EPO0102
Scenario Description	<p>1b:Reasons for part of the discrepancy (brought forward from the previous CAP) have been found. Manager 1 authorises Clerk 1 to post amounts for some shortages and gains to the Suspense Account. A reason for the remainder of the discrepancy has not been found. This is retained in the system.</p> <p>6:Manager 1 receives an Error Notice from POCL to make a correction for a remittance transaction for which an incorrect amount was entered and which resulted in part of the shortage held in the Suspense Account. He instructs Clerk 1 to redeem this shortage from the Suspense Account and apply the Error Notice.</p> <p>17a: (in cap2) Clerk 1 posts unpaid cheque and voucher amounts to the Suspense Account, awaiting payment, and adjusts the stock of unpaid cheques and vouchers to zero.</p> <p>22: Manager 1 produces the office weekly Suspense Account report</p>

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	1b: Payment has been received for an unpaid cheque previously posted to the Suspense Account. Clerk 1 redeems its value from the Suspense Account.
Function Run Entry	

Requirement Id	808
Criterion	4
Derivation	Requirement
Criterion Description	EPOSS shall provide an on demand Outlet Balance Report to a POCL agreed format, this format shall be agreed by a date consistent with the project plan agreed by the parties, such that the date does not adversely impact contractual milestones as defined in Clause 605.1 of the Authorities Agreement. This Report shall provide a "snap shot" of the Outlet position within the current POCL Outlet Accounting Period
HLTP / Business Thread Scenario	BT EO01 3.3.6/22a HLTP EPO0102
Scenario Description	Manager 1 produces an office balance snapshot which provides an amalgamation of all data within the CAP.
Function Run Entry	

Requirement Id	809
Criterion	1
Derivation	Requirement
Criterion Description	Within a Customer Session EPOSS shall maintain a running record of all Transactions performed;
HLTP / Business Thread Scenario	This requirement duplicates 825/5(a)
Scenario Description	
Function Run Entry	

Requirement Id	809
Criterion	2
Derivation	Requirement
Criterion Description	Within a Customer Session EPOSS shall maintain the current balance;
HLTP / Business Thread Scenario	This requirement duplicates 825/5(b)
Scenario Description	
Function Run Entry	

Requirement Id	809
Criterion	3

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Derivation	Requirement
Criterion Description	Within a Customer Session EPOSS shall maintain the accounting sense (pay out/take in);
HLTP / Business Thread Scenario	This requirement duplicates 825/5(c)
Scenario Description	
Function Run Entry	

Requirement Id	809
Criterion	4
Derivation	Requirement
Criterion Description	Within a Customer Session EPOSS shall maintain settlement details
HLTP / Business Thread Scenario	This requirement duplicates 825/5(d)
Scenario Description	
Function Run Entry	

Requirement Id	809
Criterion	5
Derivation	Requirement
Criterion Description	Multiple Transactions for the same Customer shall be logically grouped into a single Customer Session
HLTP / Business Thread Scenario	See 800/4
Scenario Description	
Function Run Entry	

Requirement Id	810
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall allow the Refund or Reversal of a Transaction according to Client and POCL accounting and business rules as agreed between the parties from time to time.
HLTP / Business Thread Scenario	BT EPO01 3.3.4/2,9 HLTP EPO0102 3.3.11/1d HLTP EPO0102 <i>see also responses to 812/2, 825/10</i>
Scenario Description	A customer who was served on a previous day within the same Cash Account Period returns to the outlet and requests a refund. Clerk 2 obtains the transaction reference numbers from the transaction log and reverses the transactions. The customer is refunded. Manager 1 has accidentally remitted out an incorrect item

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	<p>of stock. He obtains the transaction reference number from the transaction log and reverses the transaction.</p> <p>A customer returns to the outlet to request a refund for purchases made. Clerk 1 obtains the transaction reference numbers from the Transaction Log and finds that the transactions were carried out in a previous CAP. He uses the “new” reversal facility to select the quantity and value of products returned for reversal and reverses them. The customer is refunded.</p>
Function Run Entry	

Requirement Id	810
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall enable certain Transactions not to be refundable or reversible to comply with any changes to the Client and POCL accounting and business rules as agreed with POCL from time to time
HLTP / Business Thread Scenario	BT EPO01 3.3.4/2, 3.3.11/1d HLTP EPO0102 <i>see also responses to 810/1, 812/2, 825/10</i>
Scenario Description	<p>A customer who was served on a previous day within the same Cash Account Period returns to the outlet and requests a refund. Clerk 2 obtains the transaction reference numbers from the transaction log and reverses the transactions. The customer is refunded. <i>[Also in this thread is an attempt to reverse non-refundable EPOSS product]</i></p> <p>A customer returns to the outlet to request a refund for purchases made. Clerk 1 obtains the transaction reference numbers from the Transaction Log and finds that the transactions were carried out in a previous CAP. He uses the “new” reversal facility to select the quantity and value of products returned for reversal and reverses them. The customer is refunded.</p>
Function Run Entry	

Requirement Id	810
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall be able to validate Transaction details against Reference Data.
HLTP / Business Thread Scenario	BT RDS01 3.3.2 <i>(This forms part of the Ref Data AS)</i> <i>See also Acceptance Review</i>
Scenario Description	* Data transfer is simulated from the POCL Gateway to the Pathway Gateway.

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	<p>* the files will contain the necessary elements stated at 3.1.5 above, in the stated sequence (where present). Utilise FTP to move data to Sequent Server. Examine content via the relevant UNIX commands, (all OK, no missing files/data).</p> <p>* the file will contain elements to: Add new Region, Amend Region, Close Region, Add Client, Amend Client, Delete Client, Amend Default Opening Times at existing open Outlet(s), Add Accounting detail for new Client, Amend Accounting Period for existing Client(s), Amend Week for existing Client(s), Amend Day for existing Client(s), Add new (open) Outlet, Amend Outlet, Close Outlet, Add Satellite, Amend Satellite, Close Satellite, Replace existing Product (core and non core) with new version, (note: wide range of different product amendments made here) Load data from the Sequent to RDMC, (all OK, no load errors). * Load validation is automatic and based on the file/record layout rules in the RDAIS [2] document.</p> <p>Examine loaded data on RDMC, (all OK, no data integrity errors). * The Outlet identification must match the existing Outlets set up. Examine and confirm Audit trail via use of SQLPLUS enquiry utility against the relevant Database Tables on the RDMC. Confirm the loaded elements have been allocated the correct Class. * A mixture of Class 1 through 5 based on the Class Rules. Set the relevant (and available) Outlet(s) to active. Run 'external' packages to cater for: EPOSS data, Change Control. The TMS Agent should be polling continuously and therefore immediately pick up Class 1 elements and transform the data to the Outlets Counter(s). * In reality, this would make examining Class 1 data difficult, the Agent could be activated after the examination. Perform a 'scheduled release' of the Class 2 thru 5 elements for the TMS Agent to pick them up and transfer to the Outlet(s). Activate the TMS Agent (R_LD_ALL) to retrieve data via the RDDS and create the Attribute Grammar on the Sequent Server Message Store and then the TMS Agent (R_LD_REPLIC) to replicate to all relevant applicable Post Office Counters. Examine and confirm results via the relevant RIPOSTE enquiry tool at the Outlet PC. Instigate start of day at the Counter which coincides with the Start Date of the Reference Data elements to prove they are live and functional. Transact normal business against the installed elements. Instigate close of day at the Outlet. Action normal end-of-day Harvesting. Examine and confirm results via use of SQLPLUS enquiry utility against the relevant Database Tables on the RDMC. Examine and confirm Audit trail via use of SQLPLUS enquiry utility against the relevant Database Tables on the RDMC. Run the MIS extract procedure and check that the output files are to the correct format and contain the correct data Run TPS extract and check TPS_OUTLET and TPS_CLIENT tables are populated correctly</p>
Function Run Entry	

Requirement Id	810
Criterion	4
Derivation	Requirement
Criterion Description	EPOSS shall provide the ability to Rate Shop against a value input for a fixed price POCL Product.
HLTP / Business	BT 3.3.5/5,6 HLTP EPO0102

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Thread Scenario	
Scenario Description	<p>A customer wishes to purchase as many items of a product for which he has a fixed sum of money. Clerk 3 uses the "Price Shopping" facility to enter this value and the system determines the number of products that the customer may purchase for this amount. The customer decides to purchase the number calculated by the system. This option is selected by the clerk. The customer pays the balance with the correct amount of cash, and the session is settled <i>note: this senario includes an attempt to rate shop an open value item.</i></p> <p>A customer wishes to purchase as many items of a product for which he has a fixed sum of money. Clerk 3 uses the "Price Shopping" facility to enter this value and the system determines the number of products that the customer may purchase for this amount. The customer decides to purchase one more than the number calculated by the system. This option is selected by the clerk. The customer pays the balance with the correct amount of cash, and the session is settled.</p>
Function Run Entry	

Requirement Id	812
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall allow Reversals for Customer Services, and Transfers either within the Outlet or to a remote location
HLTP / Business Thread Scenario	See 810/1&2
Scenario Description	
Function Run Entry	

Requirement Id	812
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall allow Reversals to be entered for normal Transactions (but not for Reversals) only for Customer Service Transactions which are not part of other Services e.g. BES or APS or disallowed in Reference Data supplied by POCL to the CONTRACTOR from time to time.
HLTP / Business Thread Scenario	<p><i>Reference data defines whether or not EPOSS will allow a transaction to be reversed, except for APS where the service itself refuses reversals.</i></p> <p>Re EPOSS products, see Requirement 810/1,2 above BT EPO01 3.3.4/9</p>

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	Re APS: HLTP APS0101(49), "BT Ref" 2.1014, 2.1018 Re BES: BES transactions are defined by Reference Data to be non reversible. Ref BIT03(51) case 131
Scenario Description	<p>EPOSS</p> <p>Manager 1 has accidentally remitted out an incorrect item of stock. He obtains the transaction reference number from the Transaction Log and reverses the transaction <i>note: within this scenario an attempt is made to reverse a reversal</i></p> <p>APS</p> <p>Initiate reversal of an APS payment. Input details from the original customer APS receipt. Print receipts and complete reversal.</p> <p>Initiate reversal of an APS payment. Input details from the original customer APS receipt. Respond to the error message indicating that scheme rules do not allow reversal. Void the transaction.</p> <p>BES</p> <p>At a single stock-unit office, a representative cross section of benefit transactions are conducted for a range of payee types An attempted reversal of the BES transaction is attempted but can not be completed.....</p>
Function Run Entry	

Requirement Id	812
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall permit Users to enter a Reversal which needs not correspond to a particular Transaction on the Transaction log identified by the User according to Client and POCL accounting and business rules as agreed between the parties from time to time
HLTP / Business Thread Scenario	BT EPO01 3.3.11/1d See also 810/1,2
Scenario Description	A customer returns to the outlet to request a refund for purchases made within a previous Cash Account Period. Clerk 1 uses the "new" reversal facility to select the quantity and value of products returned for reversal and reverses them. The customer is refunded.
Function Run Entry	

Requirement Id	813
Criterion	1

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Derivation	Requirement
Criterion Description	EPOSS shall allow revaluation of fixed price Value Stock Stock Items and Methods of Payment when the price changes.(Note: While price changes would not normally apply to Methods of Payment, it is a desirable feature in case of future alternative currencies, e.g. the "Euro". However, the remainder of this requirement is written in terms of Value Stock.)
HLTP / Business Thread Scenario	BT EPO01 3.3.9/1a,1b <i>Note: POCL Reference Data does not support revaluation of method of payment.</i>
Scenario Description	When Clerk 1 logs on to the system he is prompted that Reference Data price changes (including changes to first and second class stamps, discounted stamps and postal order fees) are effective from today. He uses the manual revaluation process to revalue these products Reference Data price changes (including changes to philatelic items, discounted stamps and postal order fees) are effective from today. Clerk 1 uses the manual revaluation process to re-value stock for these products in Stock Unit 2.
Function Run Entry	

Requirement Id	813
Criterion	2
Derivation	Requirement
Criterion Description	When a price changes for a fixed price Value Stock Stock Item, the Stock value must change to maintain the relationship $\text{Stock value} = \text{Stock quantity} \times \text{price}$. The change in Stock value must be "balanced" by one or more Transactions for designated POCL Products (and thence reported on designated Cash Account lines). Thus the requirement for maintaining an equal and opposite effect on the Stock Unit is maintained
HLTP / Business Thread Scenario	<i>The EPOSS functionality can be seen by performing a revaluation and subsequently printing a Cash Account.</i> BT EPO01 3.3.6/1a,14b; 3.3.9/1a,b; 3.3.10/25
Scenario Description	A Reference Data price change (decrease in value of stamp books) is effective from today. Clerk 3 uses the manual revaluation process to re-value stock for this product in Stock Unit 2, but makes a mistake when entering the value. He reverses the transaction but forgets to re-perform the revaluation with the correct value. Clerk 3 attempts to balance Stock Unit 2 but is advised of

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	<p>revaluation errors relating to stamp books and Airpacks because the relationship of (value = stock quantity x price) has not been maintained. He realises that he has overlooked the revaluation of stamp books at the beginning of the day, and that he should not have re-valued Airpacks since they have not changed price. He uses the manual revaluation process to re-value the stock of stamp books in Stock Unit 2, and the reversal process to reverse the revaluation of Airpacks. He then produces another balance snapshot.</p> <p>Overnight, the system has detected that Reference Data price changes (including changes to philatelic stamps, discounted stamps, stamp books and postal order fees) are to take effect from today, and price changes to 1st and 2nd Class stamps are to take effect from the start of Day 4 of CAP 2. When Clerk 1 logs on to the system he is informed that this will take place, and a report detailing the changes is produced. He is also informed that the previous day's overnight cash holding for Stock Unit 2 has not been declared. He inadvertently overlooks the declaration.</p> <p>Reference Data price changes (including changes to philatelic items, discounted stamps, stamp books and postal order fees) are effective from today. Clerk 1 uses the manual revaluation process to re-value stock for these products in Stock Unit 2.</p> <p>Manager 1 wishes to roll over the office into the next CAP earlier than the Post Office cash account calendar stipulates. He produces a Cash Account Snapshot to provide a definitive summary of all of the business transacted at the outlet during the current CAP. The Snapshot shows a net surplus discrepancy, but the Payments total is found to be equal to the Receipts total. He then produces a Cash Account Report and rolls over the office into the next CAP</p>
Function Run Entry	

Requirement Id	813
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall allow efficient revaluation of multiple Value Stock Stock Items of the same generic type e.g. postal order fees.
HLTP / Business	BT EPO01 3.3.9/1a

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Thread Scenario	
Scenario Description	When Clerk 1 logs on to the system he is prompted that Reference Data price changes (including changes to first and second class stamps, discounted stamps and postal order fees) are effective from today. He uses the manual revaluation process to revalue these products. <i>Note that in the LLTP both 50p and £1PO Fees are revalued against band 1</i>
Function Run Entry	

Requirement Id	813
Criterion	4
Derivation	Requirement
Criterion Description	EPOSS shall ensure that only Value Stock Stock Items allowed in Reference Data provided by POCL to the CONTRACTOR from time to time can be accessed[for revaluation]
HLTP / Business Thread Scenario	BT EPO01 3.3.6/1a, 14b HLTP EPO0102 <i>See also Acceptance Review</i>
Scenario Description	<p>A Reference Data price change (decrease in value of stamp books) is effective from today. Clerk 3 uses the manual revaluation process to re-value stock for this product in Stock Unit 2, but makes a mistake when entering the value. He reverses the transaction but forgets to re-perform the revaluation with the correct value. He also uses the manual revaluation process incorrectly to re-value stock (increase in value) for a product (Airpacks) that has not had a price change.</p> <p>Clerk 3 attempts to balance Stock Unit 2 but is advised of revaluation errors relating to stamp books and Airpacks. He realises that he has overlooked the revaluation of stamp books at the beginning of the day, and that he should not have re-valued Airpacks since they have not changed price. He uses the manual revaluation process to re-value the stock of stamp books in Stock Unit 2, and the reversal process to reverse the revaluation of Airpacks. He then produces another balance snapshot.</p>
Function Run Entry	

Requirement Id	814
Criterion	1,2
Derivation	Requirement
Criterion Description	EPOSS shall provide a function to record the value of cash held in the Stock Unit by denomination for two

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	distinct purposes (a) as part of the Cash Flow Reporting process (b) as part of the Stock Unit Balancing process. The dialogue to record the information screen may be common for both activities to avoid unnecessary duplication when Balancing. The Cash Flow/Balancing reporting process aspect of EPOSS may be used at any time but is normally used daily as part of the end of day activity.
HLTP / Business Thread Scenario	<i>Note: In the solution the information screen is NOT common to both activities. There are two separate routines, one "daily", one "weekly" which can be used at any time. Tested in both single counter and multi-counter offices.</i> (a) BT EPO01 3.3.2/4a,20 3.3.3/9 HLTP EPO0102+3 (b) BT EPO01 3.3.6/12 HLTP EPO0102+3
Scenario Description	(e) a)Manager 1 makes a zero cash on hand declaration in Stock Unit 1, for inclusion in the office weekly Cash Flow report. He also declares a start balance of zero cash for this stock unit using the stock unit balancing cash declaration procedure. (f) At the end of day, Clerk 1 produces a balance snapshot for Stock Unit 1 which reflects the stock position and activity during the day. He then declares the value of cash on hand by denomination in Stock Unit 2, for inclusion in the office weekly Cash Flow report. When he has finished he realises that he has made a mistake during declaration, so he re-declares the cash on hand and produces a declaration report. Clerk 1 declares and produces a report for cash on hand. He then balances Stock Unit 2 and produces a trial balance report. This shows no discrepancies b)Manager 1 produces the office weekly Cash Flow report.
Function Run Entry	

Requirement Id	814
Criterion	3
Derivation	Requirement
Criterion Description	The EPOSS shall allow entry by cash value for each denomination and total value declared (EPOSS validating each field entry as numeric). The total entered is used in the Stock Unit Balance Report and the difference between this total and the EPOSS maintained figure for the cash Method of Payment Stock value generates a loss or gain.
HLTP / Business	BT EPO01 3.3.4/12 HLTP EPO0102

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Thread Scenario	See also 814/1 above
Scenario Description	Clerk 2 declares and produces reports for the actual physical contents for stock (shared stock unit only), stamps and cash in hand in Stock Unit 2. The system reports that there is a discrepancy (a loss) between the actual amounts declared, and that maintained by the system. After investigation this loss is removed by re-declaration.
Function Run Entry	

Requirement Id	814
Criterion	4
Derivation	Requirement
Criterion Description	The EPOSS maintained Stock value for the cash Method of Payment is not altered during the process. The User is advised of any discrepancy to warn of potential errors and (in Balancing) the implied balancing loss or gain.
HLTP / Business Thread Scenario	BT EPO01 3.3.2/20 HLTP EPO0102 See also 814/1 above
Scenario Description	At the end of day, Clerk 1 produces a balance snapshot for Stock Unit 1 which reflects the stock position and activity during the day. He then declares the value of cash on hand by denomination in Stock Unit 2, for inclusion in the office weekly Cash Flow report. When he has finished the system informs him of a discrepancy between the total cash amount entered and the system held balance holding. After checking he re-declares the correct amount of cash on hand and produces a declaration report
Function Run Entry	

Requirement Id	814
Criterion	5
Derivation	Requirement
Criterion Description	A zero cash holding is declared by using the function in the normal way and confirming zero entries
HLTP / Business Thread Scenario	BT EPO01 3.3.2/4a HLTP EPO0102
Scenario Description	Manager 1 makes a zero cash on hand declaration in Stock Unit 1, for inclusion in the office weekly Cash Flow report. He also declares a start balance of zero cash for this stock unit using the stock unit balancing cash declaration procedure.
Function Run Entry	

Requirement Id	814
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Criterion	6
Derivation	Requirement
Criterion Description	EPOSS shall allow the last known declaration to be carried forward for Cash Flow reporting purposes where no activity has occurred to change the last known cash position. This is required to cater for rest days including Outlets that shut on Saturdays etc
HLTP / Business Thread Scenario	BT EPO01 3.3.10/15 HLTP EPO0102
Scenario Description	Manager 1 produces the office weekly Cash Flow report. A daily cash holding for each stock unit has not been declared for every day of the week so, for each missing day, the report displays holdings from the most recent declaration (including one from a previous CAP and one from a previous cash flow reporting week).
Function Run Entry	

Requirement Id	814
Criterion	7
Derivation	Requirement
Criterion Description	In Outlets that Team Work EPOSS shall allow cash declaration across all the Tills that contribute to the Stock Unit position
HLTP / Business Thread Scenario	HTLP EPO0103 is all performed in a multi -position outlet with shared stock units in use. This functionality tested repeatedly e.g. within BT EPO01 3.3.10/9, 15
Scenario Description	PO5C01/Clerk 1 and PO5C02/Supervisor 1. Enter Daily Cash On Hand, with each user contributing his portion. PO5C01/Manager 1. Produce an Office Weekly Cash Flow report <i>Cash Flow report shows consolidation of both users.</i>
Function Run Entry	

Requirement Id	815
Criterion	1,2,3
Derivation	Requirement
Criterion Description	EPOSS shall allow a facility to bring unused Stock Units (and their Stock Unit information) forward into the next POCL Outlet Accounting Period. An unused Stock Unit is one for which no activity has taken place since its most recent final Balance. This facility may be used at any time to ensure that all Stock Units registered in an Outlet are recorded as fully up to date, prior to producing the Cash Account for that POCL Outlet Accounting Period.
HLTP / Business Thread Scenario	BT EPO01 3.3.6/18a, 3.3.13/18 3.3.6/22HLTP EPO0102 See also Acceptance Review

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Scenario Description	<p>Manager 1 attempts to roll Stock Unit 2 into the next CAP using the “dormant” stock unit rollover procedure, but is warned that activity has taken place for this stock unit during the current CAP</p> <p>Manager 1 rolls over Stock Units, including Stock Unit 3 that is not empty, that have remained dormant (i.e. have had no traffic) during the current CAP.</p> <p>Manager 1 attempts to roll over Stock Unit 4 that has remained dormant during the current CAP into the next CAP, but is warned by the system that there is an outstanding transfer in. He reverses the pending transfer and rolls the stock unit over.</p>
Function Run Entry	

Requirement Id	815
Criterion	4
Derivation	Requirement
Criterion Description	The co-ordination of this activity is under the control of the Outlet Manager
HLTP / Business Thread Scenario	
Scenario Description	This is a continuation of 815/1 Restriction of users to appropriate functions is exhaustively tested during BT 3.3.1 For detail see 820/1
Function Run Entry	

Requirement Id	816
Criterion	3
Derivation	Requirement
Criterion Description	Outlets require record retrieval on demand for the previous two (2) complete POCL Outlet Accounting Periods. Older records shall be made available at 24 hours notice.
HLTP / Business Thread Scenario	<i>The retention period on the RIPOSTE message store is currently set at 35 days.</i> BT EPO01 3.3.13/8 3.3.14/1b, 10 HLTP EPO0102 <i>See also Acceptance Review</i>

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Scenario Description	<p>Auditor 1 wishes to check the events that have taken place at the outlet over the last three CAPs. He ... produces a full range of event log reports to provide the information.</p> <p>Manager 1 produces a full range of transaction log reports covering the previous 2 CAPs..</p> <p>Manager 1 logs off . When he logs on again his stock unit and the office are both working in the next CAP + 2. He produces reprints of office reports for the previous extended CAP.</p>
Function Run Entry	

Requirement Id	816
Criterion	4
Derivation	Requirement
Criterion Description	EPOSS shall support the recording of all Events and data entries including fallback and Recovery actions.
HLTP / Business Thread Scenario	EPO01 BT 3.3.3/8
Scenario Description	<p>Whilst Clerk 1 is adjusting stock in Stock Unit 2, there is a power failure at the counter. When power is restored the adjustments are lost and stock levels remain unchanged. He produces an Event Log report which shows the recovery events</p> <p>See also 804 and 805 above</p>
Function Run Entry	

Requirement Id	816
Criterion	5
Derivation	Requirement
Criterion Description	EPOSS requires entry of User identity and password to access the Service.
HLTP / Business Thread Scenario	<p>EPOSS will implement a tiered level of access control. Each facility will have an associated access level and the user will require a corresponding (or better) privilege level to access the facility. Combined with the user logon requirement, this will provide a controlled environment for all users of the system.</p> <p>BT EPO01 3.3.1, 3.3.8/1c</p>

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Scenario Description	Restriction of users to appropriate functions is exhaustively tested during this thread. For detail see 820/1 Clerk 1 wishes to leave his counter temporarily in the middle of a customer session. He applies a temporary lock. On arrival back at the counter, he removes the lock by providing his password. This returns him to the customer session which he continues and settles.
Function Run Entry	

Requirement Id	816
Criterion	6
Derivation	Requirement
Criterion Description	Each facility within EPOSS shall have an associated User authority level (clerk, supervisor, manager). EPOSS shall also provide reasonable safeguards against accidental or deliberate access by other than the normal means to Software or data.
HLTP / Business Thread Scenario	See 820/1 <i>Wider aspects of security are covered by the Security AS RC/ACS/002</i>
Scenario Description	
Function Run Entry	

Requirement Id	816
Criterion	7
Derivation	Requirement
Criterion Description	Within an Outlet there shall be a facility to maintain and allocate a User access and privilege level log
HLTP / Business Thread Scenario	
Scenario Description	See 820/1
Function Run Entry	

Requirement Id	817
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall allow discounting for all discountable POCL Products. A list of discountable POCL Products shall be maintained in Reference Data supplied by POCL
HLTP / Business Thread Scenario	BT EPO01 - 3.3.4/3,4 HLTP EPO0102
Scenario Description	See 817/2 below. In the detail of the HTLP all discounting scenarios are attempted, including attempting

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	to discount non-discountable items.
Function Run Entry	

Requirement Id	817
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall allow discount by an entered percentage for the last Transaction or for all discountable POCL Product Transactions in the Customer Session
HLTP / Business Thread Scenario	BT EPO01 - 3.3.4/3,4 HLTP EPO0102 <i>Note: The facility to apply a "session discount" will need to be removed once the concept is proven as POCL reporting requirements preclude the facility in live operations for NR2</i>
Scenario Description	Clerk 2 serves a staff member with a number of discountable and non-discountable products. A discount is given by percentage on one product and by fixed amount on another product. At the end of the session the staff member pays the balance with the correct amount of cash, and the session is settled. Clerk 2 serves a staff member with a number of discountable and non-discountable products. At the end of the session the clerk applies a percentage session discount which is applied to all of the discountable products sold. The staff member pays a sum greater than the balance in cash and receives some change, and the session is settled.
Function Run Entry	

Requirement Id	817
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall allow discount by an entered value for the last Transaction or for all discountable POCL Product Transactions in the Customer Session <i>Note: The facility to apply a "session discount" will need to be removed once the concept is proven as POCL reporting requirements preclude the facility in live operations for NR2</i>
HLTP / Business Thread Scenario	BT EPO01 - 3.3.4/3,4a HLTP EPO0102
Scenario Description	See 817/2 above Clerk 2 serves a staff member with a number of discountable and non-discountable products. At the end of

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	the session the clerk applies a fixed amount session discount which is applied to all of the discountable products sold. The staff member pays the balance in cash, and the session is settled
Function Run Entry	

Requirement Id	818
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall provide a facility to update Reference Data files with Reference Data supplied from the POCL Reference Data System.
HLTP / Business Thread Scenario	BT RDS01
Scenario Description	This is the subject of the whole of RDS01 (31)
Function Run Entry	

Requirement Id	818
Criterion	2
Derivation	Requirement
Criterion Description	It shall be possible for a date and time stamp to be applied to Reference Data identifying when the change is to be activated, to facilitate timely price changing.
HLTP / Business Thread Scenario	BT EPO01 3.3.8/1a, 3.3.9/1b HLTP EPO0102
Scenario Description	Overnight, the system has detected that Reference Data price changes (including changes to philatelic stamps, discounted stamps and postal order fees) are to take effect from the start of Day 3 of CAP 2. When Clerk 1 logs on to the system he is informed that this will take place, and a report detailing the changes is produced. Reference Data price changes (including changes to philatelic items, discounted stamps and postal order fees) are effective from today. Clerk 1 uses the manual revaluation process to re-value stock for these products in Stock Unit 2.
Function Run Entry	

Requirement Id	818
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall allow the Reference Data content to be presented as a locally produced Report, with changes made in Reference Data by the most recent update clearly identified

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HLTP / Business Thread Scenario	BT EPO01 3.3.14/1c HLTP EPO0102
Scenario Description	Manager 1 produces a product report to provide details of recent reference data changes made to items available at the outlet.
Function Run Entry	

Requirement Id	818
Criterion	4
Derivation	Requirement
Criterion Description	When an update to Reference Data is made, each affected local Outlet shall be warned by EPOSS at the start of the next POCL Core Day that a change has been made
HLTP / Business Thread Scenario	BT EPO01 3.3.8/1a HLTP EPO0102 <i>The requirement has been clarified to refer to only product/price changes.</i>
Scenario Description	Overnight, the system has detected that Reference Data price changes (including changes to philatelic stamps, discounted stamps and postal order fees) are to take effect from the start of Day 3 of CAP 2. When Clerk 1 logs on to the system he is informed that this will take place, and a report detailing the changes is produced.
Function Run Entry	

Requirement Id	818
Criterion	9
Derivation	R821/FS 4.1.3.1.1
Criterion Description	Reference Data shall also define the availability of specific POCL Products in each Outlet. Such availability shall be controlled centrally, and an Outlet shall not be able to modify such data.
HLTP / Business Thread Scenario	<i>There is no facility to modify reference data locally.</i> BT EPO01 3.3.4/5 HLTP EPO0102 <i>Note: distribution of ref data is tested in the Ref Data AS</i>
Scenario Description	Clerk 2 serves a number of customers with a variety of products, settling with a variety of methods of payment. Within this attempts are made to sell products defined in reference data to be not available at the outlet.
Function Run Entry	

Requirement Id	819
Criterion	4
Derivation	Requirement

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Criterion Description	Under certain authorised circumstances an authorised Outlet may produce one Cash Account to span a 2 or 3 week period and this must be managed by EPOSS. Within this variation there is a requirement to correctly associate the week number with a specific Transaction according to a Client's requirements. This is one of either: a) the week in which the Transaction took place or; b) the final week in which the Cash Account is produced.
HLTP / Business Thread Scenario	BT EPO01 3.3.14/1 HLTP EPO0102
Scenario Description	Manager 1 wishes to extend the current CAP to a "3-week" period. He uses the Extended CAP facility to set the period to the next CAP + 2.
Function Run Entry	

Requirement Id	819
Criterion	6
Derivation	Requirement
Criterion Description	EPOSS shall allow Users to produce trial Outlet Cash Accounts
HLTP / Business Thread Scenario	BT EPO01 3.3.6/23c HLTP EPO0102
Scenario Description	Manager 1 produces a trial Cash Account Report.
Function Run Entry	

Requirement Id	819
Criterion	7
Derivation	Requirement
Criterion Description	EPOSS shall provide a facility to move forward into the next POCL Outlet Accounting Period once a final Cash Account has been produced
HLTP / Business Thread Scenario	BT EPO01 3.3.6/24 HLTP EPO0102
Scenario Description	Manager 1 rolls over the office into the next CAP. This is on the actual day that the Post Office cash account calendar stipulates. Two copies of the final Cash Account report are automatically produced. <i>Note that there is only one step - rolling the CAP produces the Final cash account. A Final cash account cannot be obtained other than by rolling the CAP</i>
Function Run Entry	

Requirement Id	820
Criterion	1
Derivation	Requirement

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Criterion Description	EPOSS shall provide a means of controlling user access to its data, processes and functions.
HLTP / Business Thread Scenario	Access controls are tested throughout the business thread BT EPO01, most particularly in 3.3.1/1-27. Also 3.3.2/1, EPO0103 (for session transfer) <i>See also response to 473/2</i>
Scenario Description	<p><i>At each point in the test thread set out below the system actions are checked for consistency with the Horizon OPS Menu Hierarchy (29)</i></p> <ul style="list-style-type: none"> • The default "Setup level" user logs on to the system. He is restricted to performing functions appropriate to his role (as defined in (29)). He creates a "Manager level user" Manager 1 for the outlet. • Manager 1 logs on to the system for the first time and is forced to amend his initial password. He is attached to the Default Stock Unit. • Manager 1 creates Stock Unit 1. • Manager 1 changes his attachment from the Default Stock Unit to Stock Unit 1. He is restricted to performing functions appropriate to his role (as defined in (29)) and functions allowable only on the default stock unit. • Manager 1 adds other users with different access role types to the system, viz Supervisor 1 and Clerk 1. He attaches the users to Stock Unit 1. • Supervisor 1 logs on to the system for the first time and is forced to amend his initial password. He is restricted to performing functions appropriate to his role (as defined in (29)). • Clerk 1 logs on to the system for the first time and is forced to amend his initial password. He is restricted to performing functions appropriate to his role (as defined in (29)). • Support Engineer 1 uses the default "Engineer User" to gain access to the system. Whilst logging on to the system, he verbally authenticates himself to the Horizon System Help Desk with an encrypted key generated by the system. The Help Desk then notifies him verbally of a one-shot key which allows him entry to the system when keyed in. He is restricted to performing functions appropriate to his role (as defined in (29)). After logging out he can no longer gain access to the system. • Migration User 1 uses the default "Migration User" to gain access to the system. Whilst logging on to the system, he verbally authenticates himself to the Horizon System Help Desk with an encrypted key generated by the system. The Help Desk then notifies him verbally of a one-shot key which allows him entry to the system when keyed in. He is restricted to performing functions appropriate to his role (as defined in (29)). After logging out he can no longer gain access to the system. • Support User 1 uses the default "Support User" to gain access to the system. Whilst logging on to the system, he verbally authenticates himself to the Horizon System Help Desk with an encrypted key generated by the system. The Help Desk then notifies him verbally of a one-shot key which allows him entry to the system when keyed in. He is restricted to performing functions appropriate to his role (as defined in (29)). After logging out he can no longer gain access to the system. • Auditor 1 uses the default "Auditor User" to gain access to the system. Whilst logging on to the system, he verbally authenticates himself to the Horizon System Help Desk with an encrypted key generated by the system. The Help Desk then notifies him verbally of a one-shot key which allows him entry to

- the system when keyed in. He is restricted to performing functions appropriate to his role (as defined in (29)). After logging out he can no longer gain access to the system.
- Emergency Manager 1 uses the default "Emergency Manager User" to gain access to the system. Whilst logging on to the system, he verbally authenticates himself to the Horizon System Help Desk with an encrypted key generated by the system. The Help Desk then notifies him verbally of a one-shot key which allows him entry to the system when keyed in. He is restricted to performing functions appropriate to his role (as defined in (29)). After logging out he can no longer gain access to the system.
- Manager 1 forgets his password. He uses the default "Support User" to gain access to the system to change his password to a new value. Whilst logging on as Support User 2 to the system, he verbally authenticates himself to the Horizon System Help Desk with an encrypted key generated by the system. The Help Desk then notifies him verbally of a one-shot key which allows him entry to the system when keyed in. After logging out he can no longer gain access to the system as Support User 2, but is able to log on as Manager 1 again using his new password.
- Supervisor 1's system held details require amendment. Manager 1 changes the details.
- Supervisor 1 forgets his password. Manager 1 changes his old password to a new value. When the supervisor logs on again he is prompted for the new password which allows him entry to the system.
- Supervisor 1 logs on to the system after the system pre-determined time when a user is required to change his password. He is forced to amend his password before being allowed entry to the system.
- Supervisor 1 wishes to change his own password to the system. He uses the administration facility to do so. When he next logs on he is prompted for the new password which allows him entry to the system.
- Supervisor 1 is to be stopped from using the system. Manager 1 amends the user to disable him so that he is unable to log on to the system.
- Supervisor 1 who is disabled from using the system is to be allowed to use the system again. Manager 1 amends the user to enable him to do so, and he is able to log on again.
- Supervisor 1 attempts to log on to the system with an invalid password a number of times in succession until the system-imposed limit is reached. He becomes locked out of the system so Manager 1 has to unlock him. He is then able to log on again using his correct password.
- Another stock unit is required. Manager 1 creates Stock Unit 2.
- Clerk 1 is to be given supervisor responsibilities. Manager 1 amends his access role to give him the required authority, and changes his attachment from Stock Unit 1 to Stock Unit 2. When Clerk 1 next logs on he has access to supervisor functions
- Auditor 1 gains access to the system again using the one-shot key procedure and produces an Event Log of events that have occurred during the day.
- Supervisor 1 and Clerk 1 no longer work in the outlet. Manager 1 attaches them to the Default Stock Unit and deletes them from the system.
- Stock Unit 2 is no longer required in the outlet. Manager 1 deletes it from the system.
- Manager 1 changes his attachment from Stock Unit 1 to the Default Stock

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	<ul style="list-style-type: none"> • Unit. • Manager 1 leaves his counter inactive for longer than the system imposed period after which temporary lock occurs. • Manager 1 leaves his counter inactive for longer than the system imposed period after which forced logoff occurs. <p>PO5C01/Manager 1. Transfer a newly logged on session to PO5C02. Transfer the session back to PO5C01.</p>
Function Run Entry	

Requirement Id	820
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall include fallback procedures for situations where the User cannot use the POCL Service Infrastructure for any reason. These facilities shall maintain the integrity, security and levels of Customer Service consistent with the need to maintain trading.
HLTP / Business Thread Scenario	There are many tests throughout the business thread simulating power failures and LAN disconnects. e.g. BT EPO01 3.3.3/3, 3.3.14/5 HLTP EPO0103 <i>See also Acceptance Review</i>
Scenario Description	Clerk 1 serves a number of customers with a variety of products, settling with a variety of methods of payment Manager 1 performs an office balance and produces an office trial balance report. The report shows no discrepancies, and the Payments total is found to be equal to the Receipts total. Warning displayed re disconnect counter. Trial Balance Report printed
Function Run Entry	

Requirement Id	820
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall ensure that, following an Incident, or if operationally desirable for any other reason: (a) the user can return to a complete and recent position; (b) no corruption of secured data has occurred; (c) a full recovery can be effected swiftly and in an auditable manner.
HLTP / Business Thread Scenario	There are many tests throughout the business thread simulating power failures and LAN disconnects.

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	e.g. BT EPO01 3.3.2/7 HLTP EPO0101
Scenario Description	Whilst Manager 1 is remitting items into Stock Unit 1, there is a power failure at the counter. When power is restored the remittance session is lost and stock levels remain unchanged.
Function Run Entry	

Requirement Id	820
Criterion	4
Derivation	Requirement
Criterion Description	EPOSS shall back up Stock Unit and Outlet data in order to support the ability to return to a recent known position for fallback and Recovery. Depending on the specific solution, there may be times within the Cash Account cycle (pre/post Cash Account roll over) when local control of back up is required.
HLTP / Business Thread Scenario	<i>Solution: Backup of data will be handled by the data replication facilities of the TMS/Journalising middleware. This will allow seamless recovery from Incidents such as localised failure. A return to a known and trusted reference position will be provided by the setting of appropriate data markers.</i> Tested extensively in Technical Integrity and Networking HLTP (21) Also there are many tests throughout the business thread simulating power failures and LAN disconnects. e.g. BT EPO01 3.3.2/7 HLTP EPO0102 The specific solution (using Riposte) does not require the local control of backup.
Scenario Description	Whilst Manager 1 is remitting items into Stock Unit 1, there is a power failure at the counter. When power is restored the remittance session is lost and stock levels remain unchanged.
Function Run Entry	

Requirement Id	820
Criterion	5
Derivation	Requirement
Criterion Description	EPOSS shall allow Recovery of data to a known recent position. This includes both the Outlet and individual Stock Unit data where necessary to maintain integrity of the EPOSS. Recovery should not itself constitute a risk e.g. a one shot only option. Thus in the event of a power down / power interruption during a Recovery activity

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	further Recovery attempts can be made later
HLTP / Business Thread Scenario	Technical Integrity and Networking HLTP (21) Tests 10.1.1/1-4 Tests 10.2.1/1-4
Scenario Description	Tests on single counter outlet Tests on multiple counter outlet
Function Run Entry	

Requirement Id	820
Criterion	6
Derivation	Requirement
Criterion Description	EPOSS shall ensure that the committal process for a Transaction is robust and consistent across all Transaction types so that an interruption does not result in an unrecoverable error
HLTP / Business Thread Scenario	There are many tests throughout the business thread simulating power failures and LAN disconnects. e.g. BT EPO01 3.3.2/7
Scenario Description	Whilst Manager 1 is remitting items into Stock Unit 1, there is a power failure at the counter. When power is restored the remittance session is lost and stock levels remain unchanged. Also Technical Integrity and Networking HLTP (21) is concerned with this. HLTP BPR0101 (52) extensively covers the requirement for testing of counter reconciliation subsequent to fallback and recovery modes for BES transactions. Re APS: this criterion duplicates 554/3,4 which is covered by the APS AS.
Function Run Entry	

Requirement Id	820
Criterion	7
Derivation	Requirement
Criterion Description	EPOSS shall ensure that in the event of a failure of any part of the Service Infrastructure, Recovery can be performed to a known position and with the minimum of disruption to the User. Data re-entry shall be minimal where previously committed Transactions have to be re-entered

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HLTP / Business Thread Scenario	EPO01 3.3.9/1c,2,3 for testing of bulk entry facility. See also the Technical Integrity and Networking HLTP (21) which exhaustively tests Infrastructure resilience. See also 820/4
Scenario Description	<p>A counter is out of action so Clerk 1 keeps manual totals of different products and services sold, together with totals for different Methods of Payment used, until the counter is back in action. When the counter is working again, he uses the Bulk Entry facility to key the values in to the system</p> <p>Whilst Clerk 1 is using the Bulk Entry facility, there is a power failure at the counter. When power is restored the Bulk Entry session is lost and stock levels remain unchanged.</p> <p>Whilst using the Bulk Entry facility, Clerk 1 has accidentally selected an incorrect product. He voids this individual item, then continues and completes the Bulk Entry session.</p>
Function Run Entry	

Requirement Id	820
Criterion	8
Derivation	Requirement
Criterion Description	EPOSS shall warn the User where there is the possibility that data are corrupt
HLTP / Business Thread Scenario	<p>BT EPO01, HLTP EPO0102</p> <p>3.3.11/1a; 3.3.13/1 - early/late CAP</p> <p>3.3.6/14b - revaluation errors</p> <p>3.3.6/16 - negative stock</p> <p>3.3.6/23 - parcel traffic</p> <p>3.3.13/15 - receipts not equal to payments</p>
Scenario Description	<p>..... When Clerk 1 logs on to the system he receives a warning that the stock unit Cash Account Period is ahead of that stipulated in the Post Office cash account calendar.....</p> <p>When Clerk 1 logs on to the system he receives a warning that the stock unit Cash Account Period is behind that stipulated in the Post Office cash account calendar.....</p> <p>Clerk 3 attempts to balance Stock Unit 2 but is advised of revaluation errors relating to stamp books and Airpacks. He realises that he has overlooked the revaluation of stamp books at the beginning of the day, and that he should not have re-valued Airpacks since they have not changed price. He uses the manual revaluation process to re-value the stock of stamp books in Stock Unit 2, and the reversal process to reverse the revaluation of Airpacks. He then produces another balance snapshot</p> <p>Clerk 3 attempts to balance Stock Unit 2 but is advised that there is negative stock. He adjusts the stock to correct this, makes a re-declaration and produces a trial balance report.....</p>

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	<p>Manager 1 attempts to perform an office balance but is advised that there have been no Parcel Traffic transactions during the current CAP. After investigation this is found to be correct so he continues with the office balance</p> <p>Clerk 1 balances Stock Unit 2 and attempts to produce a trial balance report but the system prevents continuation, warning that the Receipts total is not equal to the Payments total. The reason is found to be due to the sale of an incorrectly defined product. The errant transaction is reversed and the trial balance is then produced and shows no discrepancies.</p> <p><i>Note, Physical data integrity is dealt with by the OPS rather than EPOSS. In this sense the requirement is a subset of criterion 472/2, which is dealt with in the POCL Infrastructure ATS</i></p>
Function Run Entry	

Requirement Id	823
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall make Transaction and process data captured through EPOSS available to any Service delivered through the medium of the OPS and specified by POCL as requiring access to data.
HLTP / Business Thread Scenario	BIT03 case 131
Scenario Description	See 960/3
Function Run Entry	

Requirement Id	823
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall ensure that in the event of an Incident, data integrity is maintained and that no corruption of data is introduced arising from the interruption of any uncompleted activity.
HLTP / Business Thread Scenario	<p>There are many tests throughout the business thread</p> <p>e.g. BT EPO01 3.3.2/7 HLTP EPO0102 <i>This requirement is a subset of 830/1 See also Pathway Release 2 Technical Integrity and Networking HLTP (21) for extensive testing of failure scenarios.</i></p>
Scenario Description	Whilst Manager 1 is remitting items into Stock Unit 1, there is a power failure at the counter. When power is restored the remittance session is lost and stock levels

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	remain unchanged.
Function Run Entry	

Requirement Id	824
Criterion	1
Derivation	Requirement
Criterion Description	Where an Outlet has electronic scales connected to the OPS, EPOSS shall provide the price for a particular weight of package (provided by the scales), with the contention being handled by the scales accepting or denying a connection by a counter terminal
HLTP / Business Thread Scenario	HTLP EPO0103 within BT 3.3.12/1 at 97.4.3.11 /0:15:00 See also 824/2
Scenario Description	Attempt to perform a weighed mail item transaction on a set of shared scales by pressing the 'scales' buttons simultaneously.
Function Run Entry	

Requirement Id	824
Criterion	2
Derivation	Requirement
Criterion Description	The OPS shall request the scales only when needed and can only proceed with the scales associated Service if the scales accepts its request. The OPS shall release the scales as soon as it has finished with them.
HLTP / Business Thread Scenario	3.3.12/1,1a HTLP VI/TSC/105 Technical Integrity and Networking. A) 10.4.5.1 to 10.4.5.3 See also 555/9
Scenario Description	<p>Clerk 1 serves a customer who is sending a mail item. The counter scales are working, so the item is placed on them to provide its weight to the system. The clerk then selects the destination and service required for the item, and settles the session.</p> <p>Clerk 1 serves a customer who is sending a mail item. The counter scales are working but are shared and are in use at another counter, so the item is weighed on a separate manual scales. The clerk then provides this weight to the system, selects the destination and service required for the item, and settles the session</p> <p>Weighscales - testing to validate the correct operation of weigh scales accessed by more than one counter system.</p>
Function Run Entry	

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Requirement Id	825
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall provide a function to record all sales
HLTP / Business Thread Scenario	<i>This duplicates 694/1</i>
Scenario Description	
Function Run Entry	

Requirement Id	825
Criterion	3
Derivation	Requirement
Criterion Description	All counter Transactions shall be associated with a Customer Session. Multiple Transactions for the same Customer shall be logically grouped into a single Customer Session.
HLTP / Business Thread Scenario	<i>All Transaction entered in Serve Customer mode are associated with a customer session. Transactions entered in other modes are recorded (as required by 807/2) in a Transaction Session similar to a Customer Session. Grouping of multiple transactions is dealt with in 800/4.</i>
Scenario Description	
Function Run Entry	

Requirement Id	825
Criterion	5
Derivation	Requirement
Criterion Description	Within a customer session, EPOSS will maintain: (a) a running record of all transactions performed; (b) the current balance; (c) the accounting sense (pay out/take in); (d) settlement details.
HLTP / Business Thread Scenario	This can be observed on screen at many places during testing. E.g. BT EPO01 3.3.3/3 HLTP EPO0102
Scenario Description	Clerk 1 serves a number of customers with a variety of products, settling with a variety of methods of payment. <i>During the test it will be observed that the session balance is correctly incremented at each step.</i>
Function Run Entry	

Requirement Id	825
Criterion	6
Derivation	Requirement
Criterion Description	EPOSS must accept single or multiple methods of payment as settlement.

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HLTP / Business Thread Scenario	
Scenario Description	This requirement duplicates 692/1
Function Run Entry	

Requirement Id	825
Criterion	8
Derivation	Requirement
Criterion Description	EPOSS shall allow a Customer Session to be suspended and then recalled for completion at a later date. In between the User shall be able to continue to enter and complete further sessions as required
HLTP / Business Thread Scenario	BT EP01 3.3.7/3 HLTP EPO0102
Scenario Description	Whilst serving a customer with a number of products, Clerk 1 wishes to serve another customer at the same time. He suspends the first customer session. Another customer is then served and his session is settled. Finally, the session for the first customer is returned to, continued and settled.
Function Run Entry	

Requirement Id	825
Criterion	9
Derivation	Requirement
Criterion Description	EPOSS shall provide a "Void" transaction facility. EPOSS shall enable the use of this facility for certain Transactions to be prohibited according to defined Client and POCL accounting and business rules
HLTP / Business Thread Scenario	Transactions are voided at several points in the testing, for example BT EPO01 3.3.2/17,17a BT EPO01 3.3.2/18,18a
Scenario Description	A customer decides, after having requested the purchase of various products (including a TV licence) and before settling, that he no longer wishes to purchase anything. Clerk 1 at his counter voids each transaction, thereby abandoning the session A customer decides, after having requested the purchase of various products (including a TV licence) and before settling, that he no longer wishes to purchase anything. Clerk 1 at his counter voids each transaction, but forgets to void a TV stamp redemption and continues serving another customer with a number of products (that do not include a TV licence). The system will not allow the

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	<p>session to be settled because of the TV stamp redemption present without a TV licence sale from the previous customer. The clerk voids this and then settles the session, producing a receipt (which does not show the voided transactions).</p> <p>Clerk 1 serves a number of customers with a variety of products (including postal orders), One customer requests a non-voidable item to be voided, but the system will not allow this. The clerk settles the sessions with a variety of methods of payment.</p> <p>Clerk 1 produces a transaction log showing customer sales transactions performed during the day. Voided transactions are not shown.</p>
Function Run Entry	

Requirement Id	825
Criterion	11
Derivation	Requirement
Criterion Description	Some POCL Products are linked and shall remain so within a Transaction, including for Refund/Reversal or voiding purposes, for example a postal order of £1.00 has, currently, an Associated Fee of 25 pence. As part of this linkage, certain Stock Items with no current price shall be re-classified as Value Stock Stock Items e.g. tax discs
HLTP / Business Thread Scenario	<p>Void of Postal Order done in BT EPO01 3.3.2/17</p> <p>Sale of Postal Order done in BT EPO01 3.3.3/3</p> <p>Reversal of Postal Order sale done in BT EPO01 3.3.4/2,3a</p> <p>HLTP EPO0102</p> <p>Void of a discounted item done in BT EPO01 3.3.4/3</p>
Scenario Description	<p>A customer decides, after having requested the purchase of various products (including a TV licence) and before settling, that he no longer wishes to purchase anything. Clerk 1 at his counter voids each transaction, but forgets to void a TV stamp redemption.</p> <p>Clerk 1 serves a customer with a number of products (that do not include a TV licence). The system will not allow the session to be settled because of the TV stamp redemption present without a TV licence sale from the previous customer. The clerk voids this and then settles the session.</p> <p>Clerk 1 serves a number of customers with a variety of products, settling with a variety of methods of payment.</p> <p>A customer who was served on a previous day within the same Cash Account Period returns to the outlet and requests a refund. Clerk 2 obtains the transaction reference numbers</p>

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	<p>from the transaction log and reverses the transactions. The customer is refunded.</p> <p>A staff member wishes to have a refund on a discounted item from a session that has already been settled. Clerk 2 obtains the relevant transaction reference number from the Transaction Log and reverses the transaction. The customer is refunded</p> <p>Clerk 2 serves a staff member with a number of discountable and non-discountable products. A discount is given by percentage on one product and by fixed amount on another product. <i>Note: within this a discounted product is voided and it is checked that the discount automatically voids.</i></p>
Function Run Entry	

Requirement Id	825
Criterion	13
Derivation	Requirement
Criterion Description	EPOSS must allow the input of weight values where scales are not linked.
HLTP / Business Thread Scenario	
Scenario Description	This requirement duplicates 694/3
Function Run Entry	

Requirement Id	833
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall provide a training mode to allow familiarisation with the package and shall operate in such a way as to preclude any corruption of live data.
HLTP / Business Thread Scenario	
Scenario Description	Training mode is provided as a copy of the live system. The functionality is thus identical to the live system except that it does not produce output for harvesting and Riposte does not replicate to other counters. BT TRA01 tests training mode functionality. Requirement not to corrupt live data duplicates requirement 533/1
Function Run Entry	

Requirement Id	835
Criterion	1
Derivation	Requirement
Criterion Description	Benefits encashment and other automated Transactions shall be integrated with the Transaction recording

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	elements of EPOSS such that there is no necessity to separately notify the EPOSS of the Transaction.
HLTP / Business Thread Scenario	HLTP TPS0101 (49)
Scenario Description	PO2, SH2; Print EPOSS Transaction Log containing BES (zero and +ve), EPOSS, APS & OBCS transactions. <i>Observe that no extra steps were taken over and above executing the transactions to effect their recording in the EPOSS system.</i>
Function Run Entry	97/3/30 19.30

Requirement Id	835
Criterion	3
Derivation	Requirement
Criterion Description	Benefits encashment and other automated Transactions shall be integrated with the Transaction recording elements of EPOSS such that Transaction Records created and stored locally shall be entirely consistent with any data transferred at the time of the Transaction to PAS or other systems outside the POCL Service Infrastructure
HLTP / Business Thread Scenario	
Scenario Description	This is a sub-set of requirement 891 (Reconciliation) which is covered by the Reconciliation ATS.
Function Run Entry	

Requirement Id	835
Criterion	7
Derivation	Requirement
Criterion Description	EPOSS shall be capable of providing summaries of any type of Transaction for comparison with physical Records contained within the Outlet. For example EPOSS shall be able to list and total cheques accepted by value
HLTP / Business Thread Scenario	BT EPO01 3.3.3/4 HLTP EPO0102 <i>See also Acceptance Review</i>
Scenario Description	Clerk 3 produces counter daily Client Summary reports. These are used for checking against manually collated batches of client vouchers <i>here produce a range of reports including:</i> Produce a Counter Daily Cheques Listing report
Function Run Entry	

Requirement Id	835
Criterion	8

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Derivation	Requirement
Criterion Description	The system must be able to list and total benefits transactions made via BES for comparison against physical records (outlet copy of receipts)
HLTP / Business Thread Scenario	HLTP BPS1001 (BT 2) <i>See also Acceptance Review</i>
Scenario Description	PO clerk selects the 'Daily' Report from the Summary Of Encashments screen via the Desktop menu. This provides a summary of the encashment receipts on a daily basis at the PO.
Function Run Entry	18:35:00

Requirement Id	836
Criterion	3 (a-e,g)
Derivation	Requirement
Criterion Description	<p>For each Transaction processed at a Counter Position through the POCL Service Infrastructure the following information shall be captured:</p> <ul style="list-style-type: none"> a) value of each Transaction; b) volumes of Transactions; c) a unique code for each POCL Product across all Clients (e.g. breakdown by denomination of Royal Mail stamps sold); d) source (e.g. Outlet, User and Till identification); e) Client reference and Client scheme or product reference for each Transaction; f) (see 5.2) Customer identification and details (e.g. for Transactions involving cheques, passports, motor tax discs); g) Method of Payment; date and time of the Transaction.
HLTP / Business Thread Scenario	<p><i>Printing a combination of session receipt and transaction logs proves that all the above data has been captured.</i></p> <p>BT EPO01 3.3.2/18,18a</p> <p>BIT tests (see below)</p>
Scenario Description	<p>Clerk 1 serves a number of customers with a variety of products (including postal orders), One customer requests a non-voidable item to be voided, but the system will not allow this. The clerk settles the sessions with a variety of methods of payment, producing a receipt.</p> <p>Clerk 1 produces a transaction log showing customer sales transactions performed during the day. Voided transactions are not shown.</p> <p><u>APS Transaction - 12/02/97.</u></p> <p>APS TRANSACTIONS</p>

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	<p>Customer B hands the Clerk a BT Payment Plan (Magcard) & pays £50.00 towards his bill BT Payment Plan (Magcard) Customer Receipt and duplicate counter receipt produced The customer asks for a 2 x Littlewood Scratchies From Serve Customer menu, Clerk selects 2 x Littlewood Scratchies Clerk ends session and session receipt is printed. (When PO Sales Transaction or OBCS & TT encashment, navigate to the Functions menu to produce a customer receipt with unique identifier</p> <p><u>BES Transaction - BT000002 10/02/97.</u></p> <p>FPO ENCASHMENT & TRANSACTION Swipe Customer B benefit card for FPO encashment Customer encashment of benefit at FPO Customer answers EVP questions correctly for benefit encashment Clerk ends session and session receipt is printed. (When PO Sales Transaction or OBCS & TT encashment, navigate to the Functions menu to produce a customer receipt with unique identifier</p> <p>From the Reports icon, select the Transaction Log icon & print the following; Customer Query Summary Query</p>
Function Run Entry	

Requirement Id	837
Criterion	9
Derivation	Requirement
Criterion Description	<p>EPOSS shall be able to deliver Reports at the User's discretion, subject to POCL and Client rules on frequency of despatch and POCL Outlet Accounting Periods. Client Reports shall be produced on a daily or weekly basis. Where operationally appropriate, several weekly Reports shall be produced during a POCL Outlet Accounting Period</p>
HLTP / Business Thread Scenario	<p>BT EPO01 EPO0102 3.3.2/16a,19 (daily with & without cut-off) 3.3.3/4; 3.3.4/6; 3.3.6/3 (weekly with & without cut-off) <i>See also Acceptance Review</i></p>
Scenario Description	<p><i>Each of these threads apart from the last reads:</i> Clerk 1 produces counter daily transaction summary reports. Client summaries are used for checking against</p>

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	manually collated batches of client vouchers.
Function Run Entry	

Requirement Id	838
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall have the facility to allow input of Transaction related data after the event for items required for management information purposes (e.g. for Clients, Agents pay) which may not impact on the Outlet Balance e.g. Non-value Stock Stock Items, value recorded for information only.
HLTP / Business Thread Scenario	BT EPO01 3.3.10/1d, 3, 24c HLTP EPO0102 See also 960/1
Scenario Description	Clerk 1 has been keeping a manual tally of Non-Accounting data items (e.g. International Registered mail items, Standard Contract Inland parcels) handled. He uses the Non-Accounting Data facility to register the quantities of such items. Clerk 1 has been keeping a manual tally of Parcel Traffic items handled (e.g. Inland Stamped Parcels, International Metered Parcels). He uses the Parcel Traffic facility to register the quantities of such items. Manager 1 produces a trial Cash Account report.
Function Run Entry	

Requirement Id	915
Criterion	14
Derivation	Requirement
Criterion Description	There shall be no degradation to any Transaction data in the live Service Architecture as a result of accessing localised training packages.
HLTP / Business Thread Scenario	
Scenario Description	This duplicates 533/1
Function Run Entry	

Requirement Id	960
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall allow POCL to record various zero-value Transactions to measure work done, for example for various Royal Mail and Parcelforce activities and for distribution of various forms, for example E111s. The measurement of work may be for charging Clients, for

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	remunerating subpostmasters, for monitoring work done to check assumptions in cases where the costs are subsumed in other charges, and so forth. Potential reasons for new zero-value Transactions might be to provide data for Clients in support of Service Level monitoring, for example recording Transaction times for mail receipts.
HLTP / Business Thread Scenario	BT EPO01 3.3.10/1d, 3, 24c HLTP EPO0102 See also 838/1
Scenario Description	Clerk 1 has been keeping a manual tally of Non-Accounting data items (e.g. International Registered mail items, Standard Contract Inland parcels) handled. He uses the Non-Accounting Data facility to register the quantities of such items. Clerk 1 has been keeping a manual tally of Parcel Traffic items handled (e.g. Inland Stamped Parcels, International Metered Parcels). He uses the Parcel Traffic facility to register the quantities of such items. Manager 1 produces a trial Cash Account report.
Function Run Entry	

Requirement Id	960
Criterion	2b,c
Derivation	Requirement
Criterion Description	<p>Automated zero value Transactions shall be reported separately. Initially these shall be:</p> <p>(b) benefit encashment Transactions, which may be zero value for various reasons, e.g.:</p> <ul style="list-style-type: none"> • Customer terminates before signing the declaration, perhaps as a quasi-enquiry; • User terminates, perhaps if unsatisfied as to Customer identity, etc.; • no payment due; • no payment available at this Outlet (e.g. restricted Outlet or Foreign Encashment); • the Transaction is normally zero value, e.g. requested change of Nominated Post Office; <p>(c) associated benefit Card Transactions, (if "automated" with POCL sub-contracted to the CONTRACTOR as "Client"), recording:</p> <ul style="list-style-type: none"> • receipt of batches of Cards into Outlets; • returns of uncollected Cards; • issuing of Cards to cardholders;

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HLTP / Business Thread Scenario	(a) BIT03 case 131 (b) BPS1001 BT B0002, BPS1001 BT7
Scenario Description	(c) see 960/3 for description (b) This case involves partial Batch reconciliation, with completion later the same day. During the production life of the batch all normal acceptance and delivery status values are received from Royal Mail Track and Trace. The batch contains cards for 10 customers. The batch reconciliation is commenced as a "non-urgent" batch. After scanning of the first 5 cards, the reconciliation is halted to allow the clerk to serve a customer. (Helpdesk is used at this stage to confirm that the batch status is "received". Reconciliation is recommenced later - the clerk first initiates the "Report" function which lists the batch and associated cards with status as appropriate (i.e. "received" and "in transit"). The reconciliation is completed for all of the remaining cards, and a report produced. A customer receives a PUN which is chewed up by the dog. The customer contacts the Helpdesk to arrange for an exceptional PUN to be delivered immediately. This PUN is taken to the NPO and the card is collected. Whilst attempting to collect a payment that is due the customer changes his mind and leaves the office. The transaction is voided.
Function Run Entry	

Requirement Id	960
Criterion	3
Derivation	Requirement
Criterion Description	Particular aspects are: (a) zero value BES Transactions shall be recorded on the EPOSS Transaction log and included in data passed to POCL's TIP system, as indicated in requirement 881 (nil-value receipts); (b) automated payments shall continue as now; (c) extra automated Transactions, including zero-value ones such as those indicated above for Card/book/receipt movements shall be designed as POCL Products in the

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	normal way with normal Transaction controls and data flows, including interfaces with POCL systems.
HLTP / Business Thread Scenario	BIT03 case 131
Scenario Description	<p>At a single stock-unit office, a representative cross section of benefit transactions are conducted for a range of payee types (including encashments by beneficiary, appointee, alternative payee, permanent agent and by a casual agent). These encashments include several with milk tokens as well as encashments for which the office is the NPO, FPO and specified office for use with a temporary token. At least one card and token are keyed manually and one additional encashment transaction voided. The encashments include an attempted collection which results in a nil receipt being produced.</p> <p>For one of the encashments completed the customer comes back to the post office and requests to return the money collected and for the transaction to be voided. An attempted reversal of the BES transaction is attempted but can not be completed.</p> <p>An encashment summary report is produced at the end of the week, which identifies the receipts/AtPs required for despatch and indicates the EPOSS transaction identifier for each encashment. Transactions are forwarded to PAS and TPS. The transaction details generated for transfer to CAPS and to TIP are checked for consistency of transaction identifiers with the local encashment summary report and for consistency of encashment details with the original transactions. The nil receipt transaction that was completed is included in the TIP output and the EPOSS transaction log.</p> <p><i>Note: an AP transaction cannot be reversed (voided in the terminology of the requirement) and there are no zero value AP products</i></p>
Function Run Entry	

5.1.2 Description of tests conducted by Acceptance Review

The table below shows which Acceptance criteria are to be met by Acceptance Review. Acceptance Tests will use the versions of any relevant documents (as referenced from section 0.2) contained in the approved version of the Acceptance Specification.

Requirement Id	473
Criterion	2
Derivation	Requirement
Criterion Description	Access to OPS and Services offered via OPS to staff working in the Outlets shall be controlled by a mechanism, conforming to the POCL Style Guide, offering multiple access levels and providing specific identification of each User
Test Condition	Access conforms to the POCL Style Guide
Method	Review of Style Guide
References	(25) Pathway Horizon Office platform Style Guide <i>See also Acceptance trial</i>
Phase	Technical Test

Requirement Id	530
Criterion	1
Derivation	Requirement
Criterion Description	If for any reason it is not possible to - or it is decided by POCL not to - make EPOSS functionality immediately available on commencement of Roll Out the Service Infrastructure, BES/APT functionality shall be available and operational with no adverse system or operational impacts. In effect it shall be a requirement to isolate EPOSS functionality so that it cannot inadvertently be used/misused to the detriment of Customer service and POCL accounting needs.
Test Condition	Reference Data changes could be made to remove unwanted products and hide EPOSS functionality from any (or all) outlets. Alternatively the menu access to reach the unwanted functionality could be locked, thus preventing inadvertent use.
Method	Inspection of the flexibility afforded by Reference data to introduce (or remove) functionality. Inspection of control afforded via the menu hierarchy
References	(22) - Application Interface Specification Reference Data to Pathway

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	(29) - Horizon OPS Menu Hierarchy for Release 2
Phase	Technical Test

Requirement Id	555
Criterion	10
Derivation	Requirement
Criterion Description	In each Outlet from Roll Out at such Outlet EPOSS shall support the printing of reports necessary to meet existing Client commitments
Test Condition	Necessary reports are specified in a controlled document
Method	Inspection of document
References	(16) - BA/POCL Reports and Receipts
Phase	Technical Test

Requirement Id	691
Criterion	5
Derivation	SADD 4.1.3.3.2.7
Criterion Description	EPOSS shall provide the facility to manage and report on the movement of Cash or Stock Items, either at Stock Unit level within each Outlet, or at the level of transfers to and from other locations external to each Outlet.
Test Condition	Stock and cash management facilities are defined in a controlled document. Reporting facilities are defined in a controlled document. <i>See also Acceptance Trial</i>
Method	Document inspection. <i>The detailed testing of management and reporting are covered elsewhere in this document.</i>
References	(18) - EPOSS Functional Description (16) - BA/POCL Reports and Receipts
Phase	Technical Test

Requirement Id	692
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall allow the implementation of new types of Methods of Payment, including without limitation debit cards and EFTPOS.
Test Condition	This is a statement of required capability.
Method	Inspection of documents to show that new types of Methods of Payment, specifically including debit cards and EFTPOS, are achievable through Reference Data definition. <i>Note: this excludes, for example, the EFTPOSS service -</i>

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	<i>we can provide a method of payment to register payment received by the service.</i>
References	(22) - AIS Reference Data to Pathway (29) - Horizon OPS Menu Hierarchy for Release 2
Phase	Technical Test

Requirement Id	692
Criterion	3
Derivation	Requirement
Criterion Description	Pathway shall indicate their proposals to implement an EFTPOS Service. Pathway shall be aware that POCL may wish to implement an EFTPOS Service commencing the first quarter of 1997
Test Condition	Pathway have indicated their proposals
Method	Document Inspection
References	(15) - EFTPOS Statement of Requirement
Phase	Technical Test

Requirement Id	693
Criterion	3
Derivation	Requirement
Criterion Description	The CONTRACTOR shall agree the format of all styles of receipts with POCL by a date consistent with the project plan agreed by the parties, such that the date does not adversely impact contractual milestones as defined in Clause 605.1 of the Authorities Agreement.
Test Condition	The formats of all receipts are defined in a Controlled Document.
Method	Inspection of document to show it is agreed.
References	(16) - BA/POCL Reports and Receipts
Phase	Technical Test

Requirement Id	694
Criterion	4
Derivation	Requirement
Criterion Description	4) EPOSS shall be event driven so that both data capture and the recording of Services are dynamic (e.g. the swiping of a magnetic stripe card initiates the Transaction).
Test Condition	
Method	<i>This duplicates Requirement 825/2</i>
References	
Phase	

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Requirement Id	695
Criterion	4
Derivation	Requirement
Criterion Description	The CONTRACTOR shall be aware that Stock Units are individual units of accountability which contain Stock (fixed price Stock Items, Customer and Client specific Tokens, retail Stock Items, cash and Transaction Vouchers for a POCL Outlet Accounting Period
Test Condition	Contractor is aware. This view underlies the system design.
Method	Inspection of EPOSS Functional Description
References	(18) - EPOSS Functional Description
Phase	Technical Test

Requirement Id	696
Criterion	4
Derivation	Requirement
Criterion Description	The CONTRACTOR shall be aware that Girobank is only an example - POCL needs to keep the flexibility to print on other cut sheets e.g. tax discs/cheques in due course
Test Condition	Report production, format and data derivation is controlled by a combination of POCL reference data and the EPOSS application. The definitions are agreed via the reports and receipts FS (ref 16). Inspection of ref 16 and observation of Girobank reporting proves the ability to provide cut - sheet reporting. This ability may be replicated in the future via the normal change process.
Method	Inspection of document to show it is agreed.
References	(16) - BA/POCL Reports and Receipts
Phase	Technical Test

Requirement Id	696
Criterion	5
Derivation	Requirement
Criterion Description	The format of all styles of receipts shall be agreed by POCL and the CONTRACTOR by a date consistent with the project plan agreed by the parties, such that the date does not adversely impact contractual milestones as defined in Clause 605.1 of the Authorities Agreement . A bilingual Welsh/English version is required in designated Outlets.
Test Condition	The formats of all receipts are defined in a Controlled Document. <i>See also 693/4</i>
Method	Inspection of document to show it is agreed.

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References	(16) - BA/POCL Reports and Receipts
Phase	Technical Test

Requirement Id	696
Criterion	8
Derivation	Requirement
Criterion Description	EPOSS shall support reporting by journal/tally roll and on A4 sheets to Client requirements at both Stock Unit and Outlet levels, with the format to be agreed by a date consistent with the project plan agreed by the parties, such that the date does not adversely impact contractual milestones as defined in Clause 605.1 of the Authorities Agreement.
Test Condition	Production of outlet reports consistent with specification
Method	Inspection of reports.
References	(16) - BA/POCL Reports and Receipts
Phase	Technical Test

Requirement Id	806
Criterion	1
Derivation	Requirement
Criterion Description	The date and time within EPOSS shall be accurately maintained and remain in step with Greenwich Mean Time and/or British Summer Time as appropriate.
Test Condition	This capability is provided by a number of products: The Windows NT machines that run Riposte have their clocks co-ordinated by a built in Riposte feature. Hence the counter machines are co-ordinated with the correspondence servers. The correspondence servers are co-ordinated with a single time master using NT facilities. Other NT machines at the centre, that do not run Riposte also co-ordinate with this single time master using a product called TimeSERV. The time master is calibrated by a GPS receiver. The clocks on the Sequent machines and the Routers are co-ordinated by using NTP. <i>See also Acceptance Trial</i>
Method	By inspection of document describing Time Service.
References	(30) - Time Services Specification
Phase	Technical Test

Requirement Id	810
Criterion	3
Derivation	Requirement

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Criterion Description	EPOSS shall be able to validate Transaction details against Reference Data.
Test Condition	The behaviour of transactions will be governed as far as possible by reference data parameters. <i>This area extensively covered by the Ref Data AS</i>
Method	Inspection of EPOSS Functional Description
References	(18) - EPOSS Functional Description
Phase	Technical Test

Requirement Id	811
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall allow TMS to pass all recorded information to authorised remote locations (e.g. TIP).
Test Condition	EPOSS data is replicated to the correspondence servers by Riposte. The onwards is through "harvesting" that data within TMS. EPOSS itself has no influence over this harvesting, and so places no restrictions on the onward distribution of the data. Harvesting is tested in the TPS AS <i>See Also Requirement 880/1 (covered in TIP AS)</i>
Method	Inspection of EPOSS FS
References	(18) - EPOSS Functional Description (23) - Pathway to TIP Application Interface Specification
Phase	Technical Test

Requirement Id	811
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall be flexible enough to support the introduction of new Client Services in an integrated manner and ensure that any new POCL Product can be added, and that EPOSS is automatically updated.
Test Condition	The range of definitions applicable to Client Services is defined in controlled documents.
Method	Inspection of the flexibility afforded by Reference Data design and the process for introduction of new services.
References	(22) - AIS, Reference Data to Pathway (32) - New Service Introduction Process (28) - Business Requirements Definition
Phase	Technical Test

Requirement Id	813
Criterion	4

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Derivation	Requirement
Criterion Description	EPOSS shall ensure that only Value Stock Stock Items allowed in Reference Data provided by POCL to the CONTRACTOR from time to time can be accessed
Test Condition	Access is as defined in the Horizon OPS Menu Hierarchy for Release 2
Method	Document Review
References	(29) - Horizon OPS Menu Hierarchy for Release 2 <i>See also Acceptance trial</i>
Phase	Technical Test

Requirement Id	815
Criterion	2
Derivation	Requirement
Criterion Description	An unused Stock Unit is one for which no activity has taken place since its most recent final Balance.
Test Condition	Unused is defined as having no transactions (i.e serve customer or stock movements) and no pending transfers in
Method	Document Review
References	(18) - EPOSS Functional Description [2.9.2, 6.5.3.6]
Phase	Technical Test

Requirement Id	816
Criterion	3
Derivation	Requirement
Criterion Description	Outlets require record retrieval on demand for the previous two (2) complete POCL Outlet Accounting Periods. Older records shall be made available at 24 hours notice. <i>See also Acceptance Trial</i>
Test Condition	That the procedures for obtaining older records are defined in a controlled document
Method	Document Review
References	(37 - Horizon System Audit Manual [NR2]
Phase	Technical Test

Requirement Id	818
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall allow the Reference Data content to be presented as a locally produced Report, with changes made in Reference Data by the most recent update clearly identified
Test Condition	A suitable report is specified in a controlled document.

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Method	Document inspection <i>See also Acceptance Trial</i>
References	(16) - BA/POCL Reports and Receipts
Phase	Technical Test

Requirement Id	818
Criterion	6
Derivation	Requirement
Criterion Description	EPOSS shall allow each Outlet to produce various formatted outputs including but not limited to the Cash Account and the Cash Flow Report. Other reporting shall be agreed between the parties during the Operational Trial.
Test Condition	That the reports are specified in a controlled document
Method	Document Review
References	(16) BA/POCL Reports and Receipts
Phase	Operational Trial

Requirement Id	818
Criterion	7
Derivation	Requirement
Criterion Description	Changes to the product range and the internal reporting structure within current principles shall be possible by Reference Data rather than by Software update.
Test Condition	The range of definitions implemented by Reference Data applicable to the product range and the internal reporting structure is defined in a controlled document.
Method	Inspection of satisfactory operation of Reference Data update from POCL Reference Data System. Inspection of satisfactory operation of the capability afforded by Reference Data design to provide for the product range and the internal reporting structure.
References	(41) Reference Data Change Catalogue
Phase	Technical Test

Requirement Id	818
Criterion	8
Derivation	Requirement
Criterion Description	EPOSS shall be a robust Service, including features to: a) check internal consistency, reporting errors, warning of non critical errors and preventing critical errors; b) refuse deletions if there is dependent business data which would lead to inconsistency of data within the

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	c) Service Infrastructure; d) make Reference Data available at the counter terminals; e) check Reference Data consistency and report exceptions.
Test Condition	g) The robustness of operation of EPOSS is assessed by evaluation of open related incident reports. Note that the requirement is referring to functionality not actually provided by EPOSS. Existence of checks for internal consistency is assessed by review of documents detailing the procedures used. (<i>note: Validation of ref data changes is also tested elsewhere (RDS0101(47))</i>). Requirement (b) will be met at NR2 by refusing deletions of Products, Cash Account mappings, and Accounting Nodes. That the E2E Closure Reports contains no non-conforming entries for ICL Pathway specific elements relating to this criterion
Method	Assessment of related open incidents. Document Review
References	Incident Data Base. (45) POCL Verification of Reference Data Changes for NR2 (43) Process for Operational Business Change - product (41) Reference data Change Catalogue (55) E2E Closure Report
Phase	Technical Test

Requirement Id	818
Criterion	9
Derivation	Requirement
Criterion Description	Reference Data shall also define the availability of specific POCL Products in each Outlet. Such availability shall be controlled centrally, and an Outlet shall not be able to modify such data.
Test Condition	That the E2E Closure Report contains no non-conforming entries relating to Reference Data control of Product availability in Outlets
Method	Document Review
References	(55) E2E Closure Report
Phase	Technical Test

Requirement Id	819
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall provide a facility to input Cash Account

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Test Condition	Cash Account details are input via reference data
Method	Document inspection
References	(18) - EPOSS Functional Description (22) - AIS, Reference Data to Pathway
Phase	Technical test

Requirement Id	820
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall include fallback procedures for situations where the User cannot use the POCL Service Infrastructure for any reason. These facilities shall maintain the integrity, security and levels of Customer Service consistent with the need to maintain trading.
Test Condition	A procedure is defined <i>See also Acceptance Trial</i>
Method	Document Review
References	(17) - NR2 EPOSS PPD Section 13
Phase	Technical Test

Requirement Id	821
Criterion	1,2,3
Derivation	Requirement
Criterion Description	<p>1) EPOSS shall be flexible enough to provide the ability to define the Transaction range available at specific Outlets, including:</p> <ul style="list-style-type: none"> a) preventing specific Transactions from being available locally (by Outlet); b) declining to use specific non-mandatory Transactions locally (by Outlet); c) modifying specific POCL Products, where allowed in Reference Data provided from time to time to the CONTRACTORS by POCL, for specific Outlets. [Note: It is a condition that the Reference Data used is agreed only with ICL Pathway and with no other Contractor.] <p>2) EPOSS shall be flexible enough to introduce new functionality as agreed with POCL.</p> <p>3) EPOSS shall provide facilities to:</p> <ul style="list-style-type: none"> a) prepare EPOSS Transaction data and EPOSS processed data for export to; and b) import data from other systems outside the POCL Service Infrastructure.
Test Condition	<ul style="list-style-type: none"> • The range of definitions applicable to Transactions'

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	<ul style="list-style-type: none"> • ranges is defined in a controlled document. • The capability to introduce new functionality is defined in a controlled document. • The export of EPOSS-recorded information is through “harvesting” of replica data within TMS; and the importing of data from other systems is through loading Reference Data to TMS for replication to EPOSS.
Method	<ul style="list-style-type: none"> • Inspection of the flexibility of the required capabilities to define the Transaction range within Reference Data. • Inspection of the flexibility afforded by Reference Data design to introduce agreed new functionality. • Inspection of the satisfactory operation the harvesting of EPOSS data from TMS by harvesting agents, specifically for TIP; and of introducing data to EPOSS via TMS by agents, specifically for Reference Data.
References	(18) - EPOSS Functional Description (22) - AIS Reference Data to Pathway (23) - Pathway to TIP AIS (41) - Reference Data Change Catalogue (43) - Process for Operational Business Change - product
Phase	Technical Test

Requirement Id	823
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall make Transaction and process data captured through EPOSS available to any Service delivered through the medium of the OPS and specified by POCL as requiring access to data.
Test Condition	<i>The storage of EPOSS transaction data and data derived from transactions is the responsibility of the TMS middleware. It is the responsibility of this middleware to ensure that the data is made available any Services which require access to the data.</i> The capability of EPOSS to make data available at the OPS level is defined in a controlled document.
Method	Inspection of the flexibility afforded by Reference Data design to introduce agreed new functionality.
References	(22) - AIS Reference Data to Pathway.
Phase	Technical Test

Requirement Id	825
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall be event driven so that both data capture

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	and the recording of Services such as BES and APS are dynamic
Test Condition	The capability to control application sequencing by peripheral events
Method	Inspection of a document to show that Ref Data for the relevant applications (BES and APS) contains Token Definitions. Observation that the swiping of a magnetic stripe card initiates BES and APS transactions.
References	(22) - AIS Reference Data to Pathway <i>It is suggested swiping is observed during MOT. Failing this a specific review meeting at a test rig will be scheduled at the request of POCL's Ttest Manager.</i>
Phase	Technical Test

Requirement Id	825
Criterion	4
Derivation	Requirement
Criterion Description	Data shall be automatically recorded in EPOSS if captured during another Service e.g. BES, APS or OBCS
Test Condition	<i>For normal operation see 835/1</i> That BES transactions committed before a session is aborted (e.g. by power failure) are recorded and later reconciled.
Method	Document Review
References	(42) BPS Reconciliation of Fallback & Recovery Transactions FS
Phase	Technical Test

Requirement Id	825
Criterion	7
Derivation	Requirement
Criterion Description	EPOSS shall provide the flexibility to allow the implementation of new Methods of Payment including EFTPOSS and debit cards.
Test Condition	
Method	<i>This duplicates 692/2</i>
References	
Phase	

Requirement Id	825
Criterion	10
Derivation	Requirement
Criterion Description	EPOSS shall allow the Refund or Reversal of a Transaction with access maintained at user level.

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	Note that certain Transactions may not be refundable or reversible to comply with Client and POCL accounting and business rules.
Test Condition	Access is defined in a controlled document Whether or not a transaction is reversible is defined by POCL Reference Data. Whether or not a product is refundable is controlled by the Menu Hierarchy, which defines the availability of the products on the refunds menu.
Method	Document Review <i>See also 810/1 and 810/2</i>
References	(18) EPOSS Functional Description (22) AIS Reference Data to Pathway (29) Horizon OPS Menu Hierarchy for Release 2
Phase	Technical Test

Requirement Id	825
Criterion	12
Derivation	Requirement
Criterion Description	EPOSS shall have the facility to accept data, via the POCL Service Infrastructure, from a variety of media such as, Tokens, keyboard, electronic scales, bar codes and to add functionality to accept data from other approved peripheral devices
Test Condition	EPOSS communicates with peripherals via the Peripheral Broker.
Method	Document Review to establish the ability to define and add approved peripherals to the system. Observation of system interacting with peripherals (Scales transactions prove the ability of EPOSS to interact with the Peripheral Broker).
References	(26 - Peripheral Server)
Phase	Technical Test

Requirement Id	825
Criterion	14
Derivation	Requirement
Criterion Description	EPOSS shall be flexible enough to support the introduction of new Client Services in an integrated manner and thereby ensure that any new POCL Product is event driven and that EPOSS is automatically updated.
Test Condition	The range of definitions applicable to Client Services is

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	defined in controlled and referenced documents <i>See also 694/4(event driven) and 811/2(auto update)</i>
Method	Inspection of the flexibility of the required capabilities to define the Client Services within Reference Data, specifically to establish that such related applications can be peripheral event driven and that interfaces exist through which the journal may be updated.
References	(22) - AIS Reference Data to Pathway. Automated Payments Client Design Specifications (as available) (19) - AP Client Migration Strategy Proposal
Phase	Technical Test

Requirement Id	832
Criterion	1-20
Derivation	Requirement
Criterion Description	<p>The CONTRACTOR shall agree with the AUTHORITIES, before commencement of Roll Out of EPOSS, the overall business processes at the counter such that:</p> <ol style="list-style-type: none"> 1. the capture of data at the Outlet is complete, accurate and robust e.g. a unique Transaction reference; 2. any transfer of data is secure, complete, accurate and robust; 3. whether operating normally or in stand-alone mode the EPOSS shall be capable of validating Transactions by format and value; 4. in the event of fraud it shall be possible to prove that the Service was operating without defect (see Requirement 829); 5. for appropriate Transactions receipts are automatically generated for Customers and a copy retained in the Outlet to allow recovery or problem resolution; 6. accountability for cash, Stock and any supporting documentation is maintained by Outlet and User where appropriate; 7. the Method of Payment is recorded at the point of sale; 8. the access control system allows segregation of responsibilities. A log of Users and the functions to which they have access shall be available to Outlet managers; 9. a back up of all Transactions shall be taken each day; 10. User and device are uniquely identified within each Outlet; 11. data shall undergo a balancing procedure to enable a final review and authorisation; 12. Transaction data shall be made available to other services as agreed in each AP Client Specification and the

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	<p>13. "Pathway to TIP Application Interface Specification", and other POCL Services;</p> <p>14. Transaction data not delivered in accordance with the above shall be clearly identifiable;</p> <p>15. all Transactions can be reconciled to an appropriate supporting voucher and where necessary these vouchers are to be available for central validation of amounts collected;</p> <p>16. an up to date record of cash and Value Stock on hand shall be maintained and current balances can be reported;</p> <p>17. all transfers of Stock and cash to and from other Outlets and between Users within an Outlet shall be clearly recorded;</p> <p>18. all specified summaries shall be produced automatically when required and all Transactions shall be included since the last summary was completed;</p> <p>19. items posted to Suspense Accounts can be identified for future investigation;</p> <p>20. information to show compliance with the relevant legislation, including without limitation Health and Safety at Work Act, Data Protection Act, Companies Act is available;</p> <p>21. an Outlet shall be able to continue operating and to maintain an audit trail in the event of any failure of the Service Infrastructure.</p>
Test Condition	The overall business processes at the counter are defined in controlled documents.
Method	Inspection of documents to see that they are agreed
References	<p>9. (17) - NR2 EPOSS PPD.</p> <p>10. (28) - NR 2 Access Control and User Administration PPD</p> <p>11. (39) - NR2 Operating Environment PPD</p> <p>12. (20) - Audit Trail FS</p> <p>13.</p>
Phase	Technical Test

Requirement Id	834
Criterion	1
Derivation	Requirement
Criterion Description	The CONTRACTOR shall ensure that contingency arrangements are available for all Outlets both during and after Roll Out of EPOSS to such Outlets.
Test Condition	The business processes applicable to fallback working are defined in a controlled document.
Method	Examination of a controlled document.
References	(17) - NR2 EPOSS PPD

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	Section 13 - Fallback procedure Section 14 - Recovery Procedures (53) - NR2 Horizon System Helpdesk PPD (54) - NR2 Operating Environment PPD
Phase	Technical Test

Requirement Id	834
Criterion	3
Derivation	Requirement
Criterion Description	To provide contingency cover during and after Roll Out, EPOSS shall enable each automated Outlet to produce plain paper summaries to a format which shall be agreed by a date consistent with the project plan agreed by the parties, such that the date does not adversely impact contractual milestones as defined in Clause 605.1 of the Authorities Agreement.
Test Condition	The formats agreed for plain paper summaries are defined in a controlled document.
Method	Examination of a controlled document Code and equipment inspection
References	(16 - BA/POCL Reports and Receipts)
Phase	Technical Test

Requirement Id	835
Criterion	2
Derivation	Requirement
Criterion Description	Benefits encashment and other automated Transactions shall be integrated with the Transaction recording elements of EPOSS such that there is a single Transaction Record created and stored locally to provide the basis for Outlet summarisation and Balancing and Transaction level data transfer.
Test Condition	At the conclusion of an EPOSS customer session a Transaction Record is written to the message store as a set of messages detailing all the items comprising the customer session. Within this will be a set of messages for each BES Transaction (receipt), linked by a common reference. This Transaction Record is the basis for unit accounting and is accessed by both the CAPS and TIP harvesters. <i>See Acceptance Trial 960/3</i>
Method	Document Inspection
References	(24) - Benefit Payment Service Reconciliation (3.2.1)
Phase	Technical Test

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Requirement Id	835
Criterion	4
Derivation	Requirement
Criterion Description	Benefits encashment and other automated Transactions shall be integrated with the Transaction recording elements of EPOSS such that Transaction times are kept to a minimum.
Test Condition	In normal counter operations no duplication of effort is required to record transactions within EPOSS Counter transaction performance measurement is defined in a controlled document
Method	Observation (during MOT or at an arranged review if so requested by the Test Manager) that in normal counter operations no duplication of effort is required to record transactions within EPOSS. Document Review to confirm that methods of measurement of counter transaction performance are defined in a controlled document. <i>Note: that system timings comply with the SLA is covered in the Service Levels AS</i>
References	see also response to requirement 870/1 (29) - POCL Counter Transaction Performance Measurement
Phase	Technical Test

Requirement Id	835
Criterion	7,8
Derivation	Requirement
Criterion Description	EPOSS shall be capable of providing summaries of any type of Transaction for comparison with physical Records contained within the Outlet. For example EPOSS shall be able to list and total cheques accepted by value The system must be able to list and total benefits transactions made via BES for comparison against physical records (outlet copy of receipts)
Test Condition	That suitable reports are specified in a controlled document <i>See also Acceptance Trial</i>
Method	Document Review
References	(16) - BA/POCL Reports and Receipts
Phase	Technical Test

Requirement Id	836
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Criterion	4
Derivation	Requirement
Criterion Description	The OPS shall be flexible to support further Services. The CONTRACTOR shall be willing to integrate and operate these under the Change Control Procedure, provided that there are no valid technical reasons that preclude their inclusion.
Test Condition	Acceptance that the introduction of new Services as described in the Pathway Release Procedure requires the use of the Change Control Procedure
Method	Document Inspection
References	(40) - Pathway Release Policy
Phase	Technical Test

Requirement Id	837
Criterion	1-5,7,8
Derivation	Requirement
Criterion Description	EPOSS shall support the production of a variety of Reports in pre-defined formats including: 1. Transaction level Reports by Stock Unit for Clients using pre-printed cut sheets (Client stationery); 2. Transaction level Reports by Stock Unit for Clients printed on plain paper; 3. Reports on the current level of Value Stock Stock Items at Stock Item level; 4. Reports on Transaction volumes and values; 5. Cash Account Reports; 7. Reports on Transfers of cash and Value Stock; 8. ad hoc Reports for management information purposes.
Test Condition	The required reports are defined in a controlled document.
Method	Document Inspection
References	(16 - BA/POCL Reports and Receipts)
Phase	Technical Test

Requirement Id	837
Criterion	9
Derivation	Requirement
Criterion Description	EPOSS shall be able to deliver Reports at the User's discretion, subject to POCL and Client rules on frequency of despatch and POCL Outlet Accounting Periods. Client Reports shall be produced on a daily or weekly basis. Where operationally appropriate, several weekly Reports shall be produced during a POCL Outlet Accounting Period
Test Condition	The frequency (ad hoc, daily, weekly) of the documents is

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	defined in a controlled document. <i>See also Acceptance Trial</i>
Method	Document Inspection
References	(16 - BA/POCL Reports and Receipts)
Phase	Technical Test

Requirement Id	870
Criterion	1,2,3
Derivation	Requirement
Criterion Description	<p>1) EPOSS shall not slow down the activity of serving Customers and as such EPOSS shall be designed to minimise the number of key depressions (or other interaction with peripheral devices) involved in each Transaction. In all cases the response of EPOSS to any peripheral input shall be instantaneous.</p> <p>2) Summarisation and balancing activities, including processing and printing, shall be optimised and avoid re-processing when data are changed during accounting.</p> <p>3) The CONTRACTOR shall identify technical measures relating to the Transaction times identified in sections 1 and 2 above, monitor these measures and report against them. These measures shall be identified by the CONTRACTOR and approved by the AUTHORITIES by a date consistent with the project plan agreed by the parties, such that the date does not adversely impact contractual milestones as defined in Clause 605.1 of the Authorities Agreement . The measures must be capable of identifying trends in Transaction times and in identifying specific Outlets where Transaction times are significantly better or worse than the average.</p>
Test Condition	<p>The design criteria for EPOSS are described in a controlled document</p> <p>Summarising and balancing activities partial results are cached in main storage.</p> <p>Counter Performance Transaction measurement is defined in a controlled document</p>
Method	<p>Agreement to a controlled document</p> <p>Observation of summarising and balancing activities</p> <p>Agreement to a controlled document</p>
References	<p>(28) - Horizon OPS Menu Hierarchy for Release 2</p> <p>(18) - EPOSS Functional Description</p> <p>(29) - POCL Counter Transaction Performance Measurement</p> <p><i>Note: Acceptance of Service Levels is covered by the</i></p>

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	<i>Service Level AS, which relies upon the Performance Assurance High Level Test Plan for Release 2</i>
Phase	Technical Test

Requirement Id	870
Criterion	4
Derivation	Requirement
Criterion Description	For each Outlet where the overall Transaction times are more than 10% greater than the average, the CONTRACTOR shall agree, with the AUTHORITIES, what improvements shall be made, in line with a process to be agreed by a date consistent with the project plan agreed by the parties, such that the date does not adversely impact contractual milestones as defined in Clause 605.1 of the Authorities Agreement.
Test Condition	Process has been agreed
Method	confirm agreement reached
References	(46) Approved CCN No. 271 A to A ref ID: R870-2
Phase	Technical Test

Requirement Id	871
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall be implemented such that the version of any reference data being referenced from outlets has been updated with the latest version of reference data. The version of the reference data is fully updated once all updates have been applied.
Test Condition	That the necessary processes are defined in controlled documents
Method	Document Review
References	(41) - Reference data Change Catalogue (31) - Business Thread RDS01 (43) - Process for Operational Business Change
Phase	Technical test

Requirement Id	871
Criterion	2,3
Derivation	Requirement
Criterion Description	2) Transaction data shall be forwarded to POCL central systems (e.g. TIP) soon after the completion of the POCL Core Day on which the Transaction occurred as part of a batch transmission. Transaction data not available for the next batch transmission shall be included in a subsequent

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	transmission. Data which are included in the first batch transmission to take place after the time of the Transaction are deemed to be in the first batch transmission and so on. The Service Levels for these are defined in the AUTHORITIES' Agreement, schedule B03. 3) Batch transmission times shall be agreed for each POCL central system in the AUTHORITIES' Agreement, Schedule B03. <i>Note: Schedule B03 has now been superseded by ref. (27)</i>
Test Condition	The operational timetables for TIP, HAPS and Reference Data are defined in agreed documents
Method	Examination of agreed documents
References	(27) - POCL Infrastructure Service Levels and Remedies Schedule G10: TIP, para 3.1; Ref Data para 4.1
Phase	Technical Test

5.1.3 Summary of Test and Report content

This summary is referenced from within section 5.1.1

EPO0102

The outlet for the single counter outlet used in the second HLTP has more than one individual stock unit, for which a variety of counter transactions in different modes are tested.

During the first Cash Account Period, one of the stock units has multiple Balance Periods during which Remittances (in and out), Transfers, Sales, Sales discounts, Price changes, Transaction voiding and Transaction reversals are performed at various times.

Coverage is included for the following types of Remittances, Transfers and Sales transaction :-

- Cash
- Saving Stamps
- Postal Orders
- Game Licences
- BT Phonecards
- 1st & 2nd Class stamps
- Other Postage stamps
- Special Stamps
- Stamp Books
- Discounted stamps
- Philatelic items
- Ordinary stationery items
- Priority stationery items
- Air packs
- Commemorative Coins
- Littlewoods Lotto
- National Lottery Instant
- Green Giros
- BT Bill Payments
- TV Licences
- Passports
- Counters Revenue transactions
- Giro transactions (including Transcash, Deposits, Withdrawals)
- National Savings transactions (including Deposits, Withdrawals)
- Other Bank's cheque encashment
- Bureau de Change transactions

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- Motor Vehicle Licences
- Rent Schemes
- Bus Tokens
- E111
- Active Life subscriptions
- Encash postal orders

Settlement of sessions is performed using a variety of methods of payment:-

- Cash
- Cheque
- Giro Transfer
- Voucher
- Savings Stamps Redemption

Reporting (with cut-offs where necessary) of the above transactions is carried out at both counter and office level on a daily basis throughout the Cash Account Period. Counter-level reports are also carried out on a "by user" basis. Reports include:-

Counter Daily

- Giro Deposits
- Giro Withdrawals
- BT Bills
- National Savings Deposits
- National Savings Withdrawals
- UK Passports
- Other Banks Cheques
- Cheques Listing

Counter Weekly

- Postal Orders Encashed
- Driving Licences V11
- Driving Licences V10
- Rent Schemes
- Bus Tokens
- Infrequent (Unsummarised) transactions
- P & A
- Green Giro
- Transfers In/Out/Summary
- Remittances In/Out/Summary

Office Daily

- Giro Deposits
- Giro Withdrawals
- BT Bills

-
- National Savings Deposits
 - National Savings Withdrawals
 - UK Passports
 - Remittances In/Out

Office Weekly

- Redeemed Stamps
- Sales Report
- Postal Orders Encashed
- Counters Revenue
- Transfers Total/Reconciliation
- Remittances In/Out
- Green Giro

During subsequent Cash Account Periods further functionality relating to Sales, Bulk Input, Non-Accounting Data, Parcel Traffic, Housekeeping and Price Changes is performed. Further office-level reporting is performed on, for example, the Suspense Account. Reprints of office-level reports are also carried out.

Coverage which is not performed in the first CAP includes:-

- Milk Tokens
- Moneygrams
- POCL Error Notice adjustments
- Giro Error Notice adjustments
- National Savings Error Notice adjustments
- Non-Accounting items
- Parcel Traffic items
- Suspense Account posting & redemption (including unpaid cheques, vouchers, losses, gains)
- Weighed mail items (scales)

5.2 CRITERIA FOR LATER ACCEPTANCE

The table below shows which Acceptance Criteria are for Acceptance at a later level of specification.

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Requirement Id	555
Criterion	7
Derivation	Requirement
Criterion Description	In each Outlet from Roll Out at such Outlet EPOSS shall support printing on cheques and other forms at the counter
Reason	Cheques not at Release 2

Requirement Id	555
Criterion	9
Derivation	Requirement
Criterion Description	In each Outlet from Roll Out at such Outlet EPOSS shall support the connection of electronic weighing scales (which shall not be supplied under the Related Agreements) to the Service Infrastructure. As a minimum, connections shall include Avery Berkel type D104 and A702. It shall be possible to share a set of weighing scales between two or more Counter Positions at which the Service Infrastructure has been installed
Reason	A702 not supported at NR2

Requirement Id	555
Criterion	12, 13, 14
Derivation	Requirement
Criterion Description	<p>In each Outlet from Roll Out at such Outlet EPOSS shall:</p> <p>12) Support the printing of PDF417 two dimensional bar-codes on forms generated through back office processing. Typically the two dimensional bar-code shall be used to contain cash account information;</p> <p>13) Support the printing of one dimensional bar-codes at the counter on forms as well as tally roll print, if such support is provided for in the Solution to this Requirement. As a minimum, code 128, EAN 8, EAN 13 and code 39 shall be printable;</p> <p>14) Support the printing of one dimensional bar-codes at the back office, if such support is provided for in the Solution to this Requirement. As a minimum, code 128, EAN 8, EAN 13 and code 39 shall be printable.</p>
Reason	Software and hardware support for these capabilities is available, but no application is specified to make use of it.

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Requirement Id	629
Criterion	9
Derivation	SADD 4.1.3.1.5
Criterion Description	EPOSS shall be capable of validating Methods Of Payment against business rules for individual Transactions.
Reason	No relevant products currently exist

Requirement Id	691
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall allow cash ordering by denomination and Stock ordering by Stock Item
Reason	Not at release 2. Part of LFS

Requirement Id	691
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall allow the recording of Transfers of cash and Stock into and out of the Outlet
Reason	Not at release 2. Part of LFS

Requirement Id	691
Criterion	3
Derivation	Requirement
Criterion Description	EPOSS shall provide a facility to allow the authorised update of cash and Stock through TMS
Reason	Not at release 2.

Requirement Id	691
Criterion	4
Derivation	Requirement
Criterion Description	EPOSS shall allow the physical receipt of cash and Stock to be reconciled by EPOSS against the consignment note. Any discrepancy must be recorded against the consignment reference
Reason	Not at release 2.

Requirement Id	692
Criterion	4-8
Derivation	Requirement
Criterion Description	The CONTRACTOR shall be aware that: 4. POCL may require an EFTPOS facility as Method of

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	<p>Payment on EPOSS, probably just debit cards initially (e.g. Switch, Connect) but perhaps extending to credit cards later, (e.g. Visa and Mastercard). The capability to handle both debit and credit cards from commencement of Roll Out of such a facility;</p> <p>5. indicative volumes for end of Roll Out of EFTPOS are: between 30 and 50 million EFTPOS payments per annum; 70% above the floor limit (£15 working assumption) and so needing authorisation;</p> <p>6. the main Transactions for which EFTPOS will be used are expected to be: motor vehicle licence renewals (34%), bill payments (38%, about half BT and half others); television licence payments (11%) and payment for purchases from PostShops (5%), all estimates; other likely Transactions leading to EFTPOS are expected to include travel insurance and bureau de change and cash withdrawals; there would be no Cash-Back option initially;</p> <p>7. business arrangements have not yet been finalised but the current assumptions are for: a single Merchant Acquirer; on-line authorisation and batch Transaction submission to be via TMS; reconciliation of EFTPOS payments on the EPOSS Transaction log with an electronic data stream version of the daily bank account updates; signed receipts may be stored in the Outlets, remitted to Distribution Centres or dispatched to a central facility (which the CONTRACTOR may wish to offer); POCL expects to need to retrieve receipts in order to prove Transactions at 0.2% or between 60,000 and 100,000 per annum at above volumes.</p> <p>8. POCL requires guidance from Pathway as to the options for EFTPOS on the particular facilities being proposed and the relative costs and benefits of each</p>
Reason	<p>Not at release 2. POCL now conducting their own review</p>

Requirement Id	694
Criterion	5
Derivation	Requirement

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Criterion Description	5) EPOSS shall have the facility to read data from any input device supplied as part of the Service Infrastructure used in providing OPS.
Reason	No EPOSS events use tokens EPOSS does not use the magnetic card reader, and scales are not supplied as part of the service infrastructure

Requirement Id	808
Criterion	1,2
Derivation	Requirement
Criterion Description	EPOSS shall provide a facility to reconcile Non-value Stock Stock Items with unique serial numbers. Reconciliation shall be by volume and by Stock Unit as: (a) number on hand at the start of the POCL Outlet Accounting Period (plus); (b) number received (equals); (c) number on hand at close of POCL Outlet Accounting Period (plus); (d) number issued/spoilt/returned
Reason	Functionality will be provided at NR2+ in conjunction with LFS

Requirement Id	818
Criterion	5
Derivation	Requirement
Criterion Description	EPOSS shall maintain other locally controlled Reference Data. These shall include parameters for POCL Products, POCL Product groups and subgroups, external Transfer sources and destinations
Reason	Locally controlled Reference data is not supported, [SADD 4.1.3.3.5 contains a note that the requirement needs amendment], as POCL have decided that they do not require such a facility to be implemented. All Reference data will be centrally maintained.

Requirement Id	819
Criterion	1,2
Derivation	Requirement
Criterion Description	EPOSS shall sustain a dynamic set of Cash Account tables that allows Outlets to introduce additional reporting lines as new products are introduced within POCL. More than one Cash Account format shall be supported and currently there are two in use (which shall both be

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	supported) - standard Outlet format and CRU format. Validation rules could be applied to individual line entries. A Report shall be available in each Outlet that maps Reference Data of POCL Products to the appropriate line(s) of the Cash Account table(s).
Reason	Not at release 2

Requirement Id	819
Criterion	4
Derivation	Requirement
Criterion Description	Under certain authorised circumstances an authorised Outlet may produce one Cash Account to span a 2 or 3 week period and this must be managed by EPOSS. Within this variation there is a requirement to correctly associate the week number with a specific Transaction according to a Client's requirements. This is one of either: a) the week in which the Transaction took place or; b) the final week in which the Cash Account is produced.
Reason	(a) above is deferred: EPOSS permits CAPs up to 3 weeks long. The agreed POCL process is that before starting a 2 or 3 week CAP the EPOSS extended CAP process is used to roll the office directly into the final week of the extended CAP. (b) above is therefore met by the normal reporting process. (a) above can be met, as all transactions are time/date stamped by the system, and the POCL calendar is known to the system. Reports could therefore be written to report client transactions against calendar CAP. This will not be provided at NR2.

Requirement Id	819
Criterion	5
Derivation	Requirement
Criterion Description	EPOSS shall support the production of the Cash Account in printed and electronic formats. The printed Cash Accounts shall include a 2D bar code.
Reason	The format and content of printed cash account reports is defined in controlled documents. [Note the format and content of 2D bar-coded Cash Accounts is not defined at this time. See also Acceptance Criterion 555/12, above.]

Requirement Id	834
Criterion	2
Derivation	Requirement
Criterion Description	The CONTRACTOR shall give due consideration to the implementation plan for Parent Outlets and Satellite

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	Outlets.
Reason	CCN pending

Requirement Id	834
Criterion	4
Derivation	Requirement
Criterion Description	The element of the Service Infrastructure at every Outlet shall be capable of printing a 2 dimensional bar-code on any plain paper summary.
Reason	At present no application is specified to make use of two dimensional bar-coding capabilities. Software and hardware support for these capabilities is available.

Requirement Id	835
Criterion	5,6
Derivation	Requirement
Criterion Description	EPOSS shall be capable of providing summaries of any type of Transaction for comparison with physical Records contained within the Outlet. For example EPOSS shall be able to: 5) summarise the quantity of tax discs on hand; 6) summarise the quantity of milk Tokens on hand;
Reason	These reports have not yet been defined by POCL

Requirement Id	835
Criterion	9
Derivation	Requirement
Criterion Description	As Transactions become automated the relevant summaries shall be enhanced to include details of items issued/on hand, by individual serial number
Reason	Not at Release 2

Requirement Id	836
Criterion	1
Derivation	Requirement
Criterion Description	PostShops are currently equipped with an EPOS terminal - CRISP (Counters Retail Information Systems in PostShops) - which is a stand alone system. It is desirable, subject to offered solutions, that these be integrated into or replaced by the EPOSS
Reason	Not at Release 2

Requirement Id	836
Criterion	2

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Derivation	Requirement
Criterion Description	Where an Agent may in future use the OPS for his own business, all Services using the OPS shall identify such Transactions separately from those relating to Services under the POCL Agreement, in particular for financial accounting.
Reason	Not at Release 2

Requirement Id	836
Criterion	3(f)
Derivation	Requirement
Criterion Description	For each Transaction processed at a Counter Position through the POCL Service Infrastructure the following information shall be captured: (f) Customer identification and details (e.g. for Transactions involving cheques, passports, motor tax discs);
Reason	Requirement for personal details fields not yet defined

Requirement Id	837
Criterion	6
Derivation	Requirement
Criterion Description	EPOSS shall support the production of a variety of Reports in pre-defined formats including reconciliation Reports for Non-value Stock Stock Items e.g. milk Tokens, tax discs;
Reason	Not at R2

Requirement Id	838
Criterion	2
Derivation	Requirement
Criterion Description	EPOSS shall also support the input of data for local schemes where the value is not recorded for accounting purposes but the volume is.
Reason	No such current product

Requirement Id	839
Criterion	1
Derivation	Requirement
Criterion Description	EPOSS shall provide the point of sale retail functionality in use in PostShops. This includes, but is not restricted to: a) Till functionality; b) discounting; c) coupon management; d) multibuy; e) promotions; f) marketing; g) reporting
Reason	Postshop functionality not available at Release 2

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Requirement Id	960
Criterion	2 (a)
Derivation	Requirement
Criterion Description	<p>Automated zero value Transactions shall be reported separately. Initially these shall be:</p> <p>(a) automated payments which fall into two categories:</p> <ul style="list-style-type: none">• Smart Tokens, where Transactions are recorded (even if zero value) once the Client has been identified since this implies interaction with the Smart Token;• swipe-cards or keyed Transactions, where recording of zero value Transactions is controlled by POCL Product parameters for minimum and maximum values but where a Transaction can be made void during Customer Service;•
Reason	Smart cards not supported at release 2

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5.3 CRITERIA SUMMARY

Req ID	Criterion	Trial	Review	Later Acceptance
473	2	✓	✓	
530	1		✓	
533	1	✓		
555	6	✓		
555	7			✓
555	8	✓		
555	9	✓		✓
555	10		✓	
555	11	✓		
555	12-14			✓
629	9			✓
691	1			✓
691	2			✓
691	3			✓
691	4			✓
691	5	✓	✓	
692	1	✓		
692	2		✓	
692	3		✓	
692	4-8			✓
693	1	✓		
693	2	✓		
693	3		✓	
693	4	✓		
693	5	✓		
694	1	✓		
694	2	✓		
694	3	✓		
694	4		✓	
694	5			✓
695	1	✓		
695	2	✓		
695	3	✓		
695	4		✓	
695	5,6	✓		
695	7	✓		
695	8	✓		
695	9,10	✓		
695	11	✓		

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695	12	✓		
696	1	✓		
696	2	✓		
696	3	✓		
696	4		✓	
696	5		✓	
696	6	✓		
696	7	✓		
696	8		✓	
696	9	✓		
800	1	✓		
800	2	✓		
800	3	✓		
800	4	✓		
800	5	✓		
800	6	✓		
801	1	✓		
801	2	✓		
801	3	✓		
802	1	✓		
802	2	✓		
803	1	✓		
803	2	✓		
804	1	✓		
804	2	✓		
804	3	✓		
804	4	✓		
805	1	✓		
805	2	✓		
805	3	✓		
805	4	✓		
805	5	✓		
806	1	✓	✓	
807	1-3	✓		
807	4	✓		
807	5	✓		
808	1-2			✓
808	3	✓		
808	4	✓		
809	1	✓		
809	2	✓		
809	3	✓		
809	4	✓		
809	5	✓		

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810	1	✓		
810	2	✓		
810	3	✓	✓	
810	4	✓		
811	1		✓	
811	2		✓	
812	1	✓		
812	2	✓		
812	3	✓		
813	1	✓		
813	2	✓		
813	3	✓		
813	4	✓	✓	
814	1,2	✓		
814	3	✓		
814	4	✓		
814	5	✓		
814	6	✓		
814	7	✓		
815	1-3	✓	✓	
815	4	✓		
816	3	✓	✓	
816	4	✓		
816	5	✓		
816	6	✓		
816	7	✓		
817	1	✓		
817	2	✓		
817	3	✓		
818	1	✓		
818	2	✓		
818	3	✓	✓	
818	4	✓		
818	5			✓
818	6		✓	
818	7		✓	
818	8		✓	
818	9	✓	✓	
819	1,2			✓
819	3		✓	
819	4	✓		✓
819	5			✓
819	6	✓		
819	7	✓		

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820	1	✓		
820	2	✓	✓	
820	3	✓		
820	4	✓		
820	5	✓		
820	6	✓		
820	7	✓		
820	8	✓		
821	1-3		✓	
823	1	✓	✓	
823	2	✓	✓	
824	1	✓		
824	2	✓		
825	1	✓		
825	2		✓	
825	3	✓		
825	4		✓	
825	5	✓		
825	6	✓		
825	7		✓	
825	8	✓		
825	9	✓		
825	10		✓	
825	11	✓		
825	12		✓	
825	13	✓		
825	14		✓	
832	1-20		✓	
833	1	✓		
834	1		✓	
834	2			✓
834	3		✓	
834	4			✓
835	1	✓		
835	2		✓	
835	3	✓		
835	4		✓	
835	5-6			✓
835	7	✓	✓	
835	8	✓	✓	
835	9			✓
836	1			✓
836	2			✓
836	3	(a-e,g)		(f)

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836	4		✓	
837	1-5		✓	
837	6			✓
837	7-8		✓	
837	9	✓	✓	
838	1	✓		
838	2			✓
839	1			✓
870	1-3		✓	
870	4		✓	
871	1		✓	
871	2-3		✓	
915	14	✓		
960	1	✓		
960	2	b,c		a
960	3	✓		

6. ACCEPTANCE INCIDENT SEVERITY

This section identifies the guidelines to be applied during the analysis of Acceptance Incidents, in order to establish the severity of such Acceptance Incidents.

6.1 HIGH SEVERITY INCIDENTS

Failure to meet an Acceptance Criterion which would have a substantive impact on the service received by the Customer, e.g. failure to pay benefits to the right person, at the right place, at the right time.

Failure to meet an Acceptance Criterion which would have a major impact on the ability of the AUTHORITY or AUTHORITIES to perform their business, or where there was a major impact on the resources of the AUTHORITY or AUTHORITIES necessary to overcome that impact on their business, e.g. failure to support accurate POCL accounting.

Failure to meet an Acceptance Criterion which would impact the security of the service where there is no acceptable procedural workaround.

Consistent failure to meet Minimum Acceptable Thresholds for Service Levels, e.g. where particular transactions do not meet the minimum Acceptable Threshold under normal loading.

6.2 MEDIUM SEVERITY INCIDENTS

Failure to meet an Acceptance Criterion which is visible to the Customer and is likely to give rise to an adverse public perception of the service, but does not substantively impact the service received by the Customer, e.g. incorrect spelling on a receipt.

Failure to meet an Acceptance Criterion which would have a medium impact on

the ability of the AUTHORITY or AUTHORITIES to perform their business, or where there was a medium impact on the resources of the AUTHORITY or AUTHORITIES necessary to overcome that impact on their business, e.g. non-production of a weekly report, resulting in its manual transcription, which causes additional resource or effort at every outlet of the average duration of one hour per week per outlet.

Occasional failure to meet Minimum Acceptable Thresholds for Service Levels, e.g. at peak loading, some transactions fail to meet Minimum Acceptable Thresholds, but on average all transactions within the service do achieve Minimum Acceptable Thresholds.

6.3 LOW SEVERITY INCIDENTS

Failure to meet an Acceptance Criterion that is neither visible to nor has substantive impact on the service received by the Customer e.g. presentational, style and other cosmetic faults that are only visible to the user.

Failure to meet an Acceptance Criterion which would have a minor impact on the ability of the AUTHORITY or AUTHORITIES to perform their business, or where there was a minor impact on the resources of the AUTHORITY or AUTHORITIES necessary to overcome that impact on their business, e.g. non-production of a weekly report, resulting in its manual transcription, which causes additional resource or effort at ten or fewer outlets of the average duration of one hour per week per outlet.

Failure to meet an Acceptance Criterion which would impact the security of the service but where the workaround is as secure as the original solution (i.e. the only impact on risk is in ensuring that the workaround is performed, but where procedures have been agreed and are in place).

7. TEST DATA

Test data including any operator entered scripts that are required to run the Acceptance Test are defined below.

Business Test Thread:	EPO01	(33)
High Level Test Plan(s):	EPO0101	(34)
	EPO0102	(35)
	EPO0103	(36)

Organisation: Pathway T & I

8. AUTHORITY RESPONSIBILITIES

This section describes the AUTHORITY's or AUTHORITIES' Responsibilities in relation to this Acceptance Test. Particular Acceptance Tests may also require additional participation and responsibility by the AUTHORITY or AUTHORITIES.

8.1 APPOINT TEST MANAGER

The AUTHORITY or AUTHORITIES shall nominate a Test Manager and other representatives to review the tests prior to commencement of the test.

8.2 ACCEPTANCE INCIDENT REPORTS

The nominated representatives and Test Manager shall be diligent in raising complete, accurate and timely Acceptance Incident Reports as set out within this Acceptance Specification.

8.3 ACCEPTANCE INCIDENT ANALYSIS REPORTS

The Test Manager shall be diligent in returning signed Acceptance Incident Analysis Reports with their decision (e.g. Accept, Reject, Discuss) normally within five working days, or when urgency is requested by Pathway, within two working days of receipt from Pathway. A copy of all correspondence will be faxed to reduce delay.

8.4 ATTENDANCE AT TRIALS AND REVIEWS

The nominated representatives shall at their discretion attend Acceptance Test Trials and Reviews including repeat Tests at reasonable times and reasonable locations and with reasonable advance notice by Pathway.

8.5 MANAGEMENT AND CO-ORDINATION

The Test Manager shall be the single point of communication and co-ordination with Pathway's nominated Test Manager for all matters concerning this Acceptance Test from its initial planning through to Acceptance.

8.6 PROGRESS REVIEWS

Unless otherwise waived by both parties, Pathway's Test Manager and the AUTHORITY's or AUTHORITIES' Test Manager shall meet each week to review the progress and actions of both parties until Acceptance of the Acceptance Test is achieved. The time and location of review meetings will be scheduled with at least two week's advance notice by Pathway.

9. CONTRACTOR RESPONSIBILITIES

The Contractor shall nominate a Test Manager for each Test who shall be the single point of communication and co-ordination with the AUTHORITY's or AUTHORITIES' Test Manager for all matters concerning this Acceptance Test from its initial planning through to Acceptance.

Upon receipt of a signed Acceptance Incident Analysis Report from the AUTHORITY or AUTHORITIES, where correction is required to be re-tested within the same phase of Acceptance Test, the Contractor will return the amended component(s), on average, within 4 days. This will include re-testing necessary as per the agreed test strategies.

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10. ACCEPTANCE TRIAL TEST CONDITIONS

The EPOSS HLTP and LLTP is ordered simply under the BT references as quoted above. Thus no additional mapping to test conditions is required.