

**Pathway**

Ref: Risk 49

**PATHWAY RISK RESPONSE**

Version: 1

Date: 20/12/95

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**Document Title:** PATHWAY RISK RESPONSE

RISK : PWAY000049

**Document Type:** Risk Response

**Abstract:** This paper provides an initial response to the risk raised against the Pathway proposal concerning the development of EPOS.

**Distribution:** BA issue - BA/POCL Risk Owners :  
Pathway Quality and Risk Management Director

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**Signature/Date:**

**Comments To:** M H Bennett

**Comments By:** N/A

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0.1 CONTENT

## 0.1.1 DOCUMENT HISTORY

Version	Date	Reason
1	19/12/95	Externally published

## 0.1.2 ASSOCIATED DOCUMENTS

Version	Date	Title	Source
	08/06/95	Pathway response	Pathway
1	17/11/95	EPOS/OSS Functional Specification	Pathway
1	1/12/95	EPOS/OSS Implementation Plan	
1	Sep 1995	Distributed Software Management in Retail	ARTS
5	19/10/95	BA/POCL Risk Register	BA/POCL

## 0.1.3 ABBREVIATIONS

ARTS	Association for Retail Technology Standards
BA	Benefits Agency
EPOS	Electronic Point of Sale
OSS	Operational Support Services
POCL	Post Office Counters Limited
SSR	Statement of Service Requirements

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### **1. INTRODUCTION**

This paper provides the response to a specific risk identified by BA/POCL from the Pathway Proposal concerning the development of the EPOS package.

### **2. STATEMENT OF THE RISK**

“The EPOS package appears to need significant development to meet the POCL requirements. The timescale of Q1, 1996 may not be achievable.”

### **3. PATHWAY RESPONSE**

#### **3.1 Functional Specification**

Pathway has produced and developed the Functional Specification for EPOS and OSS in direct and specific response to the requirements from the SSR, the schedules and the POCL Applications stream meetings.

#### **3.2 Implementation Plan**

Pathway has established an associated Implementation Plan which analyses the forms and modules to be implemented together with estimates of the development work involved.

Pathway has committed resources to the implementation of EPOS and OSS.

This implementation plan will:

1. Define the API and business application components to be developed
1. Estimate the size and complexity of each component
1. Estimate the time and resource required to implement each component

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**3.3 Elements of the EPOS/OSS implementation**

The EPOS/OSS functionality will be provided using the layered software architecture shown. The TMS API is that provided by Riposte.

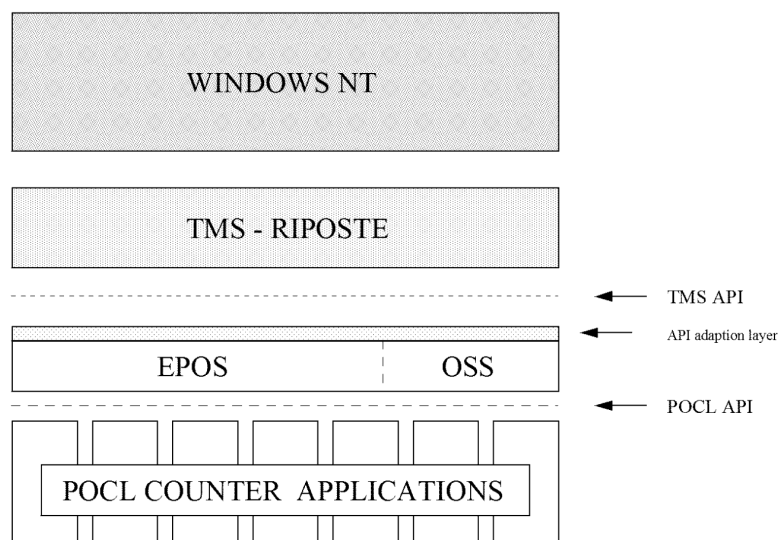


Figure 1: EPOS/OSS software architecture

**3.3.1 POCL Counter Applications**

This set of application modules includes the actual business functionality of the EPOS/OSS functional specification, comprising the Counter and Office functions and Transactions. It is expected that the business applications will be developed using Visual Basic.

**3.3.2 EPOS/OSS**

This will comprise an “umbrella” set of function modules which will fit logically between business applications and Riposte. This will:

- Provide a logical separation between Riposte and the POCL Counter Applications
- Provide the set of *EPOS/OSS* objects
- Provide a set of *Business Application Support* Objects and Functions
- Provide the *Serve Customer* functionality

The EPOS/OSS layer functions will be produced in C/ C++.

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**3.4 Summary of EPOS/OSS Development Resource (Man days)**

Counter and Office Functions	206
Transactions	46
Serve Customer Application	50
Business Application Support Objects	232
General EPOS/OSS Objects	134
<b>Total</b>	<b>668</b>

**4 PLANS TO ADDRESS THE RISK**

Pathway will:

- produce implementation specifications for EPOS and OSS
- maintain specifications under review with POCL from time to time as required
- implement EPOS and OSS after confirmation of specification by POCL

Given Pathway's understanding of the earliest probable procurement timetable, delivery in Q2 1996 will provide for the operational and live trials.

**5. SUMMARY**

Pathway has a well defined specification for EPOS and OSS and will implement it in time for the operational and live trials.

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