ICL Pathway	Group Definitions for the Secure NT Build Core Services Release +	Ref:RS/REQ/016 Version:3.0 Date:18/10/2000

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Document Title: Group Definitions for the Secure NT Build

Document Type: Requirement Definition

Abstract: The ACP requires that access to Pathway systems be controlled by the use of pre defined roles to which users can be assigned. Such roles will allow users to access only those parts of the system, with associated objects, they need in order to complete the tasks associated with that particular role. This document summarises this requirement and defines the roles, with associated objects, domains and access requirements.

Status: APPROVED

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0. Document control

0.1   Document history

This table records the document history of RS/REQ/016, which is based on an identical copy of RS/REQ/012 v5.2. V1

Version	Date	Reason
0.1	11/10/99	Initial draft for PVCS review cycle.
0.2	03/11/99	Incorporates comments received from Barry Procter and Patrick Weightman resulting from PVCS review cycle.
1.0	04/11/99	Document set to Approved.
1.1	12/11/99	Amendments since document set to approved.
1.2	25/11/99	Updated to clarify toolsets for KMS SYSADM and KMS DBA roles.
1.3	07/12/99	Updated to identify toolsets for OCMS Admin & OCMS User roles.
1.4	17/12/99	Updated to further clarify tools sets for KMS roles
1.5	10/01/00	Updated to cater for CP2373 and CP2308
1.6	23/01/00	Updated to cater for CP2330 FTMS – OCMS links in FRODB
2.0	30/01/00	Issued for approval.
2.1	10/03/00	Updated to cater for CP2377 (WARWTIP), CP2373 (EPOSS Reports), CP2272 (MIS Client Build) and CP2458 (OCMS).
2.2	19/04/00	Updated to cater for CP2502 (KMS Roles Printing to Network Printer).
2.3	05/05/00	Updated to cater for CP2485 (APS User role and CS Admin roles added in, RDMC Admin role will be removed at some point in the future).
2.4	09/05/00	Updated to address pinicl 43816, document requirement for Printer access from all the RODB User groups, CP2591.
2.5	07/06/00	Updated to address pinicl 46827, operational requirement for all KMS roles to view NT Event Logs.
2.6	21/06/00	Updated to address pinicl 44842, CS Admin & RDMC User roles updated to include shortcut pointing to MessageSubmissionApplication.exe.
2.7	30/06/00	Updated to change Domain name WARWTIP to PDRTIP as per CP2537 where PDR stands for Pocl Disaster Recovery.
2.8	24/07/00	Updated to remove all references to FRODB domain and RODB roles as per CP2630.
2.9	08/08/00	Updated to address comments received from Frank Loftus, new Platforms TDA, main changes to Physical Platform Configuration

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design docment references.

2.9A   14/08/00   KMS SSC APPS SUP role updated with the addition of Explorer.exe & Cmd.exe as per PinICL 52072.

2.10   24/08/00   Updated to include comments received from PVCS Document Review Cycle.

2.11   18/09/00   Auditor role updated to include new tool as per PinICL 53666

2.12   09/10/00   OCMS Roles updated as per CP2672 taking input from SD/DES/176 v0.3

3.0   09/10/00   V3.0 APPROVED BASELINE

0.2 Approval authorities

Approval Authority	Signature	Date
Geoffrey Vane		
Alan D'Alvarez		

0.3 Associated documents

	Reference	Vers	Date	Title
ACP	RS/POL/0003	3.0	18/12/98	Access Control Policy
SFS	RS/FSP/0001	3.0	3/12/97	Security Functional Specification
NT DOM	RS/DES/0051	1.0	19/08/99	CSR+ NT Domain Design
NT ROLES	RS/REQ/012	5.0	04/06/99	NT Groups Definition for NR2

0.4 Abbreviations and definitions

Local   Access via the console attached directly to an NT platform

0.5 Changes in this version

OCMS Roles

Auditor role updated to fix PinICL 53666.
KMS SSC APPS SUP role now includes explorer.exe and cmd.exe
All references to RODB roles and FRODB domain have been removed
Domain WARWTIP changed to PDRTIP
RDMC User & CS Admin Roles updated with new shortcut

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0.6   Changes Forecast

None.

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Appendices
   A. Table of roles and associated access requirements for Human Users
   B. Table of Service User Accounts
   C. Table of Remote FTMS Domain FTMS & FTP Users

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1. Introduction

The nature of the Pathway system requires that access to the core systems should be strictly controlled. [ACP] states that effective control depends on having a clear definition of the roles and responsibilities of all personnel who need some form of access to the system. Users will gain access by being assigned to these roles. This will be core to Pathway implementing the principles of least privilege.

This document summarises the requirement and defines the human roles that will be implemented for NT platforms; which objects will be used by each role; the domains each role will function within; access point for the role; and associated privileges.

2. Scope

This document addresses the roles to be implemented as part of the Pathway central NT systems and access rights assigned to each role. Each role within this document access the datacentre through the Pathway NT Domain Structure referenced in [NT DOM]. CP2630 removes Roll Out Database and FRODB domain from the Secure Managed Environment and is now out of scope.

Roles used by SMC, SMG and Girobank are specifically excluded from this document as they authenticated on separate NT systems which form part of a managed service.
Roles used and defined by OSD are described in this document for completeness. Configuration of these roles in the live estate may be partly provided by SDU and T&I PIT or completely by OSD.

3. Requirements

The requirement to implement a role based access control system emanates from [ACP]. [ACP] further defines the roles that are required for access to the Pathway Systems and the responsibilities of these roles.

It should be noted that the Pathway solution has moved on since Version 2 of the ACP was issued and, as such, the Groups defined at Appendix A do not always correlate with the roles defined in [ACP]. This will be addressed by feeding these role definitions into the current review of the ACP which will be subject to a CP once all necessary changes have been agreed.

4. Implementation

Each role will be set up as a Group within NT. Individual users will be assigned to these Groups in which access to objects, domains, servers and associated privileges will be controlled. These Groups are defined in Appendix A.

Roles will have defined access points which will have an accompanying Platform Design Document. Access to objects will be made available to each role at the relevant access point. This document specifically covers the Groups accessing the data centres. The Horizon Helpdesk and SMC/SMG roles are the responsibility of the appropriate managed service for the provision of suitable client systems compliant to the SFS and ACP.

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The definition of the users will be held in a spreadsheet, or similar, and automated tools will be used for the production of the relevant command scripts.

Human roles and service users, as defined in this document, will be implemented using automated command scripts. By doing this, it will simplify the implementation and maintenance of the roles and service users defined in Annex A and B. Exceptions to this are those roles within the support services, ICL Outsourcing and SSC, who will also access toolsets via the command line. All roles only have authority to access the toolsets specified in this document.

Human users created from the defined roles may only be members of one role/Group definition. This is required to ensure the user is only provided with one appropriate toolset.

Implementation of the toolsets for the ICL Outsourcing roles will be the responsibility of the managed service and profiles will be set up locally on the NT client. In these instances there will be no user profile on the PDC.

Implementation of the menu structure for each Group will ensure that users assigned to that Group will be able to access the application set necessary for them to fulfil their duties. Not all tools will be available through a direct menu option; for example, Business Objects Universes will be accessed via a Business Object menu option. The Business Objects Administrator will be responsible for allocating the appropriate universes to users. Those 'tools' prefixed with '>' will not typically be assigned as a menu option through the PDC.

4.1   NT Administrator User

The Windows NT operating system is provided with a super user known as the 'Administrator'. This user has full administration and configuration privileges which is exercised at both system/server and domain level. This capability cannot be removed from Windows NT. Pathway recognises the power that this user has and the ability that a human user, using the administrator user, has to interfere with the day to day operation of the Pathway solution.

To address this issue, Pathway will limit and restrict the use of the NT Administrator User. This will be achieved by:
➢ Renaming the Administrator User on all NT Servers so that it is hidden from the system. The account name and password will be specified by the Pathway Security Manager, which will be strictly controlled and stored in a secure safe.
➢ Restrict full administrator privileges to the 'Operational Management' role. Use of this role will be subject to the management and procedural controls set out in the 'Pathway Code of Practice', PA/STD/010.

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5. Notes that apply to Annex A

Those 'tools' prefixed with '>' will not be assigned as a menu option from the users workstation/access point. Instead the tool will be made available to the user from the Command Line.

The term NT Resource Kit will mean the full complement of NT Resource Kit utilities will be made available to the user role.

The term NT Resource Kit* {Toolname} will mean only the specific Resource Kit utility or utilities specified by {Toolname} will be made available to the user role.

The term NT Server Tools will mean the default Administrative Tools (Common) executables delivered with the NT Operating System.

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APPENDIX A – Human User Roles

Group Name to be implemented	Tools	NT Servers	Access Rights	Authentication Domain	Resource Domain access	Access Point	ACP Equivalent
ICL Outsourcing							
Application SUP	➢ Discoverer 2000 ➢ PC Xware ➢ Microsoft Office ➢ Onnnet (telnet/ftp) ➢ Patrol v3.2.05 ➢ Legato Administrator ➢ IE4.0 ➢ SQL Server Admin ➢ CMD prompt ➢	B/W SLAM Domain User Access to Sequent	Read / Write / Execute	PWYDCS PWYHQ HUTHTIP FARNHAPS LEICHAPS PDRTIP	B/WSLAM	OSD NT Client PC Third Party Supplier PC	Application Support (OSD)
Base Installation & Configuration **(not an account template - no system policy)**	NT Administrator	All Servers	Administrative Full	Local	Server Console	Server Console	Base Installation & Configuration (OSD)
Engineer	Event logs System Shut Down	All Servers Assign as member of power users group	Read / Execute	PWYDCS PWYHQ PWYKMS PWYFTMS HUTHTIP FARNHAPS LEICHAPS PDRTIP	SEQSUP ORASUP B/WSLAM B/WPOCL B/WBOOT B/WOPSS PWYMAS BRASUP FELUSRS SIGF CONFMAN CORPPWY	Server Console	Engineers (NT Data Centres)
Security Managers	➢ NT User Manager ➢ SQL Server Admin	All Servers	Read/Write	PWYDCS PWYHQ	All	OSD NT Client PC	Security Management

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				PWYFTMS HUTHTIP FARNHAPS LEICHAPS PDRTIP		Third Party Supplier PC	
	➢ SQL Server SecurityManager ➢ CMD prompt						
KMS SYSADMs	➢ NT Resource Kit NT Server Tools CMD Prompt Explorer.exe This role requires access to the network printer which should be configures on the KMS Admin Workstation	All KMS Servers	Administrative	PWYKMS	N/A	KMS Admin Workstation SD/DES/135	Operational Management (OSD)
Operational MAN	➢ Compaq systems reference library ➢ Insight Manager ➢ SQL Server Admin ➢ Technet ➢ Microsoft Office ➢ NT Resource Kit ➢ Onnnet (telnet/ftp) ➢ Patrol v3.2.05 ➢ Legato Administrator ➢ nt srvtools ➢ Tivoli desktop ➢ IE4.0 for access to Tivoli web ➢ NT resource kit remote console server ➢ PC Xware	All Servers Access to Sequent	Administrative Full	PWYDCS PWYHQ PWYFTMS HUTHTIP FARNHAPS LEICHAPS PDRTIP	All	OSD NT Client PC Third Party Supplier PC	Operational Management (OSD) Riposte Management

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	➤ CMD prompt ➤ VPNDiagClient.exe ➤ Notepad ➤ SVPNTSTN.exe (Utimaco API Function Tool)						
Network Managers	➤ Telnet ➤ Router Configuration Software ➤ Network Diagnostic software ➤ CMD prompt ➤ VPNDiagClient.exe			PWYDCS	N/A	Network Client PC Third Party Supplier PC	Network Management Configurer
Sequent Support	➤ PC Anywhere ➤ Hyper Terminal	Access to Sequent	Read	PWYDCS	SEQSUP	Sequent Client PC	Sequent Support
Oracle Support	➤ Telnet	Access to Sequent	Read	PWYDCS	ORASUP	Oracle Client PC	Oracle Support
EMC Support	➤ EMC proprietary ➤ Client software	Access to Sequent	Read	PYWDCS	N/A	EMC Client PC	None
SSC Apps MAN	CMD prompt ➤ Tivoli Remote Console ➤ Rclient ➤ Rconsole ➤ RiposteGetMessage.exe ➤ RiposteIndex.exe ➤ RiposteNode.exe ➤ RiposteObjectSecurity.Exe ➤ RiposteObject.exe ➤ RiposStePing.exe ➤ RipostePriorityMessage.exe	All Servers Also; Access to Sequent	Read/Write/ Execute	PWYDCS PWYHQ PWYFTMS HUTHTIP FARNHAPS LEICHAPS PDRTIP	All	SSC NT Client PC SD/DES/172	Application Support (SSC)

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➢ RiposteQueryUK.exe ➢ RiposteNextMessage.exe ➢ RipostePutMessage.exe ➢ RiposteScanMessage. ➢ RiposteStatus.exe ➢ RODBClient.exe ➢ SQLServer V6.5 client utilities ➢ ExCeed for Windows NT (V 6.1) ➢ Visual Basic I.D.E. Telnet NT utilities ➢ FTP (To Host Sequent, and other POCL Services) Microsoft Diagnostics NT Event Viewer WinZip/Pkzip CD Rom writing software Textpad NotePad Microsoft Word Microsoft Excel Microsoft Access Microsoft Explorer Internet Explorer (c/w SSC default links page) Full NT Control Panel Performance Monitor Registry editor In-house Utilities ➢ Archive Viewer ➢ Expiry Reporter ➢ Stops Reporter						

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	➢ Formatted File Utility ➢ MessageStore Utility ➢ EndOfDay Reporter ➢ MessageStore Sort Utility VPN Utilities ➢ VPNDiagClient.exe ➢ SVPNTSTN.exe						

SSC Apps SUP	CMD prompt
	
	➢ Tivoli Remote Console
	➢ Rclient
	➢ Rconsole
	➢
	    RiposteGetMessage.exe
	➢ RiposteIndex.exe
	➢ RiposteNode.exe
	➢ RiposteObject.exe
	➢ RipostePing.exe
	➢
	    RipostePriorityMessage.exe
	➢
	    RiposteNextMessage.exe
	➢ RiposteQueryUK.exe
	➢
	    RiposteScanMessage.exe
	➢ RiposteStatus.exe
	➢ RODBClient.exe
	➢ SQLServer V6.5 client utilities
	➢ ExCeed for Windows NT (V 6.1)
		All Servers
		
		Also;
		Access to Sequent
			Read / Execute	PWYDCS
				PWYHQ
				PWYFTMS
				HUTHTIP
				FARNHAPS
				LEICHAPS
				PDRTIP
					All	SSC NT Client PC
						
						SD/DES/172
							Application Support (SSC)

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	➢ Visual Basic I.D.E.
	Telnet
	
	NT utilities
	➢ FTP (To Host Sequent,
	   and other POCL
	   Services)
	
	Microsoft Diagnostics
	W Event Viewer
	WinZip/Pkzip
	CD Rom writing software
	Textpad
	Microsoft Word
	Microsoft Excel
	Microsoft Access
	Microsoft Explorer
	Internet Explorer (c/w
	SSC default links page)
	Full NT Control Panel
	CMD Prompt
	Performance Monitor
	
	In-house Utilities
	➢ Archve Viewer
	➢ Expiry Reporter
	➢ Stops Reporter
	➢ Formatted File Utility
	➢ MessageStore Utility
	➢ EndOfDay Reporter
	➢ MessageStore Sort
	   Utility
	
	VPN Utilities
	➢ VPNDiagClient.exe						

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Group Name to be implemented	Tools	NT Servers	Access rights	Authentication Domain	Resource Domain access	Access Point	ACP Equivalent
Pathway Roles							
Auditors	Legato client.exe RiposteRQueryUK Oracle Discoverer Counter Determinant MS Word MS Access MS Excel MS Word Pad Note Pad WinZip v6..3 CD Writer Software Windows Explorer Printer DLT MS Backup Audit Extractor Client	Audit Archive and Retrieval Server Correspondence Server	Read/ Execute	PWYDCS	B/WOPSS	Audit PC SD/DES/140	NAO Auditor POCL Auditor Pathway Business Functions Auditor
ACDB Admin	ACDB Client.exe ➤ assign member of ACDB Admin Group	Auto-Configuration Server	Read/Write/Execute	PWYDCS	B/WOPSS	Auto-Configuration Client PC SD/DES/141	None
ACDB User	ACDB Client.exe (assign member of ACDB User Group)	Auto-Configuration Server	Read/Write/Execute	PWYDCS	B/WOPSS	Auto-Configuration Client PC SD/DES/141	None
Business Support	RiposteQueryUK.exe	Access to	Read / Execute	PWYHQ	B/WOPSS	Business	Business Support

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	Business Objects ➢ TPF Business Objects Designer Oracle Forms SUPF Series (Helpdesk)	Correspondence Server				Support Client PC SD/DES/092	Pathway Management
SLAM Users	SLAM Database CON SQL* Forms CCS SQL* Forms Business Objects Business Objects Designer Business Objects Supervisor Business Objects Reporter Business Objects Document Agent Reference Data Windows Explorer MS Word MS Excel Winzip v6.3 Printer to local printer 3.5 floppy CD ROM access CD ROM Writer & Software Telnet	B/WSLAM	Read/Execute	PWYHQ	B/WSLAM B/WOPSS (SSCSS svrs)	SLAM Client PC SD/DES/181	Implicit in text
MIS BUS DEV Users	Business Objects ➢ Business Universe Windows Explorer MS Word MS Excel Printer	B/WSLAM Access to Data Warehouse	Read/Execute	PWYHQ	B/WSLAM	SLAM Client PC SD/DES/181	Implicit in text
ECCO MIG Users	As per SD/DES/016	Migration Agent Server	Read/Write/Execute	PWYMAS		ECCO Migration Laptop	None

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						SD/DES/149	
CS Admin (was RDMC Admin)	APS User Maintenance RDMC Access Control RDMC Interactive Data Loader RDMC Release Manager RDMC Reports RDMC Send MS Word MS Excel Winzip Discoverer 2000 Shortcut pointing to MessageSubmissionApplication.exe	RDMC/RDDS	Read/ Write/ Execute	PWYDCS	FELUSRS	RDMC Administrator Workstation SD/DES/167	
RDMC User	RDMC Interactive Data Loader RDMC Release Manager RDMC Reports MS Word MS Excel Winzip Discoverer 2000 Shortcut pointing to MessageSubmissionApplication.exe	RDMC/RDDS	Read/ Execute Read/ Write/ Execute	PWYDCS	FELUSRS	RDMC Administrator Workstation SD/DES/167 Note: As a result of CP2441, Paul Curley will operate 1 RDMC at BRA01 with MemoView Added to the workstation	

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APS User	APS Service Agreement Manager APS System Parameters APS Trans Except APS Client Service Manager MS Word MS Excel Winzip Discoverer 2000	APS	Read/ Execute Read/ Write/ Execute	PWYDCS	FELUSRS	RDMC Administrator Workstation SD/DES/167	
OCMS Admin (changed from GOCMS_Admin) This role is obsolete and has been disabled by the Secure Role configuration. This change was implemented as per CP2539.	OCMS Client SQL Server 6.5 Client Configuration Utility SQL Server 6.5 SP5a ODBC V2.65	OCMS Server (ACDB server in BOPSS/WOPSS) FTMS Gateway in PWYFTMS	Read / Execute within SQL DB	PWYDCS	BOPSS WOPSS PWYFTMS	OCMS Client PC SD/DES/176	None CP2033
OCMS DBA	OCMS Client SQL Server 6.5 Client Configuration Utility SQL Server 6.5 SP5a ODBC V2.65 CD Writer Event Viewer MS Backup MS Query Notepad Performance Monitor Wordpad User Manager Windows NT Explorer	OCMS Server (ACDB server in BOPSS/WOPSS) FTMS Gateway in PWYFTMS	Read / Execute within SQL DB	PWYDCS	BOPSS WOPSS PWYFTMS	OCMS Client PC SD/DES/176	None CP2591

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OCMS Users (changed from OCMS_Users)	OCMS Client SQL Server 6.5 Client configuration Utility SQL Server 6.5 Tools Business Objects V4.12 Note: The interim solution requires an icon pointing to the interim solution and an icon pointing to the full OCMS solution. Requires access to Floppy Disc drive. Requires access to a locally connected printer.	OCMS Server (ACDB server in BOPSS/WOPSS)	Read / Execute within SQL DB	PWYDCS	BOPSS WOPSS	OCMS Client PC SD/DES/176	None CP2033 CP2672
Security Auditors	SecurID admin.client Event Viewer Tivoli Web Browser MS Access	All Access to Enterprise Server (SecurID)	Read / Execute	PWYDCS PWYHQ PWYFTMS HUTHTIP FARNHAPS LEICHAPS PDRTIP	All	SecurID Admin W/S SD/DES/171	Pathway Security Event Auditor
Pathway SECMAN	SecurID admin.client Event Viewer Tivoli Web Browser MS Access	All Access to Enterprise Server (SecurID)	Read /Execute	PWYDCS PWYHQ PWYFTMS HUTHTIP FARNHAPS LEICHAPS PDRTIP	All	SecurID Admin W/S SD/DES/171	Pathway Security Manager

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Group Name to be implemented	Tools	NT Servers	Access Rights	Authentication Domain	Resource Domain access	Access Point	ACP Equivalent
Key Managers	KMA GUI NT Event Viewer Crystal Report Designer Crystal SQL Designer ODBC Administrator Runtime File Requirements Seagate Crystal Reports Developer's Help Seagate Crystal Reports Help Seagate Crystal Reports Readme Winhelp.exe Winhlp32.exe NOTE Do not install Crystal Query Client Crystal Query Server Web Report Server This role requires access to the network printer which should be configured on the KMS Admin Workstation	KMA Server	Read/Execute	PWYKMS	N/A	KMA Workstation SD/DES/134	Cryptographic Key Manager

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| Data Managers | KMA GUI
NT Event Viewer

Crystal Report Designer
Crystal SQL Designer
ODBC Administrator
Runtime File Requirements
Seagate Crystal Reports Developer's Help
Seagate Crystal Reports Help
Seagate Crystal Reports Readme
Winhelp.exe
Winhlp32.exe

NOTE
Do not install
Crystal Query Client
Crystal Query Server
Web Report Server

This role requires access to the network printer which should be configured on the KMS Admin Workstation | KMA Server | Read/Execute | PWYKMS | N/A | KMA Workstation

SD/DES/134 | KMA Data Manager |
| KMS SecMANs | SQL Server Admin Including SQL Server Security | All KMS Servers and Domain Workstations | Read/Execute | PWYKMS | N/A | KMS Admin Workstation | Security Manager |

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						SD/DES/135	
	Manager MS Query SQL Trace Utility SQL Server Books Online CMD Prompt Usrmgr.exe NT Event Viewer This role requires access to the network printer which should be configured on the KMS Admin Workstation						
KMS DBA	SQL Server V6.5 Client Utilities including ISQL/W Enterprise Manager MS Query SQL Trace Utility SQL Server Books Online NT Event Viewer Crystal Report Designer Crystal SQL Designer ODBC Administrator Runtime File Requirements Seagate Crystal Reports Developer's Help Seagate Crystal Reports Help Seagate Crystal Reports Readme	KMA Server	Read/Execute	PWYKMS	N/A	KMS Admin Workstation SD/DES/135	Database Administrator

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	Winhelp.exe Winhlp32.exe NOTE Do not install Crystal Query Client Crystal Query Server Web Report Server This role requires access to the network printer which should be configured on the KMS Admin Workstation						
SSC APPS SUP	SQL Server V6.5 Client Utilities including ISQL/W Enterprise Manager MS Query SQL Server Books Online Crystal Report Designer Crystal SQL Designer ODBC Administrator Runtime File Requirements Seagate Crystal Reports Developer's Help Seagate Crystal Reports Help Seagate Crystal Reports Readme Winhelp.exe Winhlp32.exe NT Event Viewer Explorer.exe	KMA Server	Read/Execute	PWYKMS	N/A	KMS Admin Workstation SD/DES/135	Application Support (SSC)

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	Cmd.exe NOTE: Do not install Crystal Query Client Crystal Query Server Web Reports Server This role requires access to the network printer which should be configured on the KMS Admin Workstation						
KMS Auditors	MS Word MS Access MS Excel MS Word Pad Note Pad Windows Explorer NT Event Viewer Printer This role requires access to the network printer which should be configured on the KMS Admin Workstation	KMA Server	Read/Execute	PWYKMS	N/A	KMS Admin Workstation SD/DES/135	NAO Auditor POCL Auditor Pathway Business Functions Auditor

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APPENDIX B – Service User Accounts

This table lists by Domain those service users that are configured on the Domain PDC.

Service User Account Name	Domain Account Created In	Comments	
ACDBsql OCMSsql FTMS MAESTRO Signing KMHarvester KMLoader	BOPSS	MSSQLServer and SQLExecutive Services MSSQLServer and SQLExecutive Services FTMS User MAESTRO User Signing Service KM Key Object Harvester KM Key Object & Memo Loaders	
FTMS MAESTRO	BPOCL	FTMS User MAESTRO User	
VPNPMCSVC VPNPMSSVC	BVPN	VPN Service User VPN Service User	
FTMS POCLHAPS	FARNHAPS	FTMS User POCL HAPS Service	
FTMS HHDBTX HHDMitel HHDSorbus	HDHORIZON	FTMS User Horizon Helpdesk BTX User Horizon Helpdesk Mitel User Horizon Helpdesk Sorbus User	
FTMS POCLRDB POCLRDT POCLRMAIL POCLTIP POSAPADS	HUTHTIP	FTMS User POCL RDB Service POCL RDT Service POCL RMAIL Service POCL TIP Service POSAPADS Service	
FTMS POCLHAPS	LEICHAPS	FTMS User POCL HAPS Service	
MAESTRO	PWYDCS	MAESTRO User	

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Services Release +   Version:3.0
Date:18/10/2000

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RDMC		RDMC Service User	
MAESTRO FTMSAPS FTMSGENERAL FTMSBGT FTMSCQO FTMSMDKW FTMSHCC FTMSYE FTMSKNBC	PWYFTMS	MAESTRO User FTMS APS Service User (Local Gateway) FTMS APS User for BGT client FTMS APS User for CQO client FTMS APS User for Mid Kent Water client	
DBABatch Interactive Service KMABatch KMA Service MAESTRO	PWYKMS	Maestro DBA Service User Interactive service Account KMA Maestro SQL Service KMA Service Account MAESTRO User	
MAESTRO	PWYMAS	MAESTRO User	
Signing	SIGF	Signing Service	
FTMS POCLRDB POCLRDT POCLRMAIL POCLTIP POSAPADS	PDRTIP	FTMS User POCL RDB Service POCL RDT Service POCL RMAIL Service POCL TIP Service POSAPADS Service	
ACDBsql OCMSsql FTMS MAESTRO Signing KMHarvester KMLoader	WOPSS	MSSQLServer and SQLExecutive Services MSSQLServer and SQLExecutive Services FTMS User MAESTRO User Signing Service KM Key Object Harvester KM Key Object & Memo Loaders	

ICL Pathway

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FTMS MAESTRO	WPOCL	FTMS User MAESTRO User	
FTMS MAESTRO	WSLAM	FTMS User MAESTRO User	
VPNPMCSVC VPNPMSSVC	WVPN	VPN Service User VPN Service User	

ICL Pathway   Group Definitions for the Secure NT Build Core   Ref:RS/REQ/016
                              Services Release +   Version:3.0
                                                                        Date:18/10/2000

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APPENDIX C – Remote FTMS Domain FTMS & FTP Users

This table lists by Domain those service users that are configured on the Domain PDC.

FTP User Account Name	Domain Account Created In	Comments	
	BPOCL		
	WPOCL		
POCLHAPS	FARNHAPS		
POCLHAPS	LEICHAPS		
POCLRDB POCLRMAIL POCLTIP POCLRDT POSAPADS	HUTHTIP		
POCLRDB POCLRMAIL POCLTIP POCLRDT POSAPADS	PDRTIP		
APSBGT APSCQO APSMDKW APSHCC APSSCC APSYE APSKNBC OCMSUKSS FTMSBGT FTMSCQO FTMSMDKW FTMSHCC FTMSYE FTMSKNBC	PWYFTMS		