

# Passport<sup>®</sup> 4000 Enterprise (E)

Passport 4000 Enterprise provides secure, track-able messaging solutions for enterprise-level organisations operating across multi-sites or cross borders. The system enables entire operations to share data across multiple servers on a corporate network, providing a scalable central network resource for users, workgroups and applications.

## Passport<sup>®</sup> 4000 Enterprise Features

### APIs

- Passport Message Objects
- Web Services
- File Pickup Drivers
- IP Socket Drivers
- IBM WebSphere MQ Series
- Visual Basic Script Driver
- Fax Control Language

### Architecture

- Modular Design
- Microsoft Windows 2003/XP Vista/2008/2012
- Windows Service
- DCOM
- Support for all Brooktrout Fax Cards
- SQL Database
- .Net Framework 3.x
- Microsoft Management Console (MMC)
- Active Directory

### Compliance

- Sarbanes-Oxley, Basel II, UK Data Protection Act & HIPAA compliant
- Complete audit trail and reporting of all message and system events including user Security, Audit, Roles and Privileges

### Email

- SMTP connectivity to in-house email systems. SMTP is used to connect ERP & CRM Systems for production fax enablement
- Back-end document conversion
- Intelligent routing
- Secure Port utilising PKI for digitally signed and encrypted email messages

### Enterprise configurations

- 1-512 ports
- Hot Standby clustering with automatic failover
- Floating IP address
- Local and remote CommServers
- Centralised Least Cost Routing
- Enterprise monitoring
- Customized interfaces for Host applications

### Fax

- Fax from any Microsoft Windows application
- Graphical coversheet designer
- Originator-specific fax coversheet and message billing
- Analogue and digital fax lines
- Fax over IP
- Fax to PDF conversion for inbound delivery
- Fax batching
- Message billing

### Messaging

- Back-end document conversion.
- Postscript and PCL support
- Intelligent routing via: DDI, OCR (for automatic routing, document conversion, mark reading and character recognition) and barcode reading
- International character set support
- Third-party carrier service interfaces
- Emulators (DCE FaxBox & TK-FAX)
- Multifunction Peripheral (MFP) integration
- Batching, hunt groups, retry algorithms, enhanced call progression, human voice detection, fax broadcast
- Personal Communications Centre

### Printing

- Remote printing via Dialup, Key and MedAvant
- LAN, local and Windows IP printing
- LPR/LPD TCP/IP emulation driver

### SMS

- Direct access to GSM network
- Multiple modem support
- Support for messages longer than 160 characters
- Provides system alerts for on-demand services
- Enables automated information updates and appointment reminders

## Key Benefits

- Enables the transmission of confidential data
- Fast, track-able and secure document distribution
- Reduce costs through centralisation and virtualization
- Message-enable users at their desks for improved efficiency
- Integrate back office and in-house applications for greater control
- Meet business and regulatory compliance





## Passport 4000 Minimum Hardware and Software Specifications

Please note that these are minimum recommendations and that equivalent substitutions can be made as far as the server hardware, e.g. Processor, Hard Drive, Storage Controller type, etc. are concerned.

### Minimum Hardware

- Intel® Xeon® Processor 3 GHz
- 4 GB RAM
- 160\* GB HD
- 100 Mbps NIC
- Available USB port
- Brooktrout Fax Board or SR140 Fax Software (1 & 2)
- Remote Print (RAS modem) Boards (3)
- Remote Access Method for product support

\*Hard disk size does not include space for long term document storage, to calculate needed disk space use estimate of 35kb per page.

### Operating System Software

- Microsoft® Windows Server 2003 Standard
- Microsoft® Windows Server 2003 R2
- Microsoft® Windows Server 2008 Standard
- Microsoft® Windows Server 2008 R2
- Microsoft® Windows Server 2012

### SQL Server:

- Microsoft® SQL Server 2005 or 2005 Express (4 & 5)
- Microsoft® SQL Server 2008 or 2008 Express (4 & 5)
- Microsoft® SQL Server Management Studio or Express
- Microsoft® SQL Server 2012

### Additional Software Requirements

- Microsoft IIS 6.0 or later (if applicable)
- Microsoft .NET Framework version 3.5
- Microsoft Management Console 3.0

### Supported Client Operating Systems and Software

- Microsoft® Windows XP Professional SP3
- Microsoft® Windows Vista/Windows 7
- Microsoft® Windows Internet Explorer 6.0 and later, for Passport Web Client

## Requirements for virtualization

### The same as a traditional system, plus:

- Passport-4000 may be installed on a Microsoft Hyper-V or VMware platform that meets the minimum operating system and hardware requirements as outlined in this document
- It is recommended that each Passport-4000 virtual server be installed on a separate physical machine
- No virtual Passport-4000 server may contain Dialogic® Brooktrout® Fax boards or Remote Print (RAS modem) boards
- Dialogic® Brooktrout® SR140 Fax software may be installed on a Passport-4000 virtual server

## Components that can be virtualized

Excluding servers with Dialogic® Brooktrout® Fax and Remote Print (RAS modem) boards, every part of Passport-4000 can be virtualized: Message Server, Communication Server, Document Conversion Server, Web Services, etc. Virtual Passport-4000 servers can connect to a virtualized File Server, SQL Server, Active Directory, Exchange Server, etc.

### Notes:

(1) A PCI slot required for each Brooktrout fax card, the Server Bus type: Universal PCI (PCI-X) or PCI Express (PCI-E) and Physical form factor: Full-Length or Half-Length and Full Height are determined by the specific card, see [www.dialogic.com/](http://www.dialogic.com/) for more information. (2) Lane Telecommunications is not responsible for supporting non-Lane supplied Dialogic Brooktrout fax cards or software products. The customer is responsible for maintaining a support, agreement with their vendor for such products. Any "hardware" and/or "Dialogic software" related issues are the customer's responsibility to resolve. (3) A PCI slot required for each Remote Print card, the Server Bus type: Universal PCI (PCI-X) or PCI Express (PCI-E) and Physical form factor: Full-Length and Full Height. (4) Microsoft® SQL Server Express has a maximum database size limit and does not support High Availability. (5) If customer provides Microsoft® SQL Server, he is also responsible for obtaining the appropriate license model. This can be either the Processor licensing model (which has no user limitation), or else one of the CAL licensing models, in which case the customer is responsible for providing CALs for all users or devices that use the Passport client software.

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