

## HylaFAX Enterprise Edition Enterprise Class Fax Server Product Data Sheet

### Integration

Connect faxing directly to your IT infrastructure to automate processes and improve accuracy, efficiency and productivity.

HylaFAX's modular design offers a rich variety of integration scenarios, making it an ideal foundation upon which to build mission-critical fax systems. A variety of interfaces exist, including a Java API, SMTP gateway, command-line tools and client-server protocol.

### Scalable

With the ability to scale to hundreds of ports per server, HylaFAX Enterprise Edition will grow along with your faxing needs.

### Cost savings

The automation of faxing improves efficiency and reduces labor expenses. In addition, V.34 speed faxing and 2D-MMR compression dramatically reduce call duration, saving toll charges and increasing throughput.

### Reliable

Designed from the ground up for stability in mission-critical fax installations, HylaFAX Enterprise Edition ensures fast and stable fax transmissions. System monitoring provides notification in case of delivery failure.

### SQL Database Support

Comprehensive SQL database back-end offers powerful integration and reporting capabilities. Most major databases are supported.

### Fax from the desktop

Users can send faxes directly from their desktop. Clients are available for Windows, Macintosh and Unix.

If you're in the market for a fax solution for your business, you've probably heard of HylaFAX. It has been the de-facto standard for faxing on UNIX and UNIX-like (Linux, \*BSD) operating systems for over a decade, due in large part to its freely available source code and a thriving user and developer community. In 1991 when HylaFAX was first released this was still a relatively novel way to write software – these days this phenomenon is known as Open Source, and most businesses now recognize the benefits of building mission-critical infrastructure on open standards and peer-reviewed software.

HylaFAX Enterprise Edition builds upon this mature Open Source platform by adding the features most commonly requested by our enterprise customers: support for high-performance fax boards such as the Brooktrout TR1034; comprehensive SQL database support; performance improvements for ultra high-throughput applications such as broadcast faxing, and the ability to decode bar codes from received faxes. It is a powerful client-server based solution that streamlines your critical business processes, whether you need to automate your own infrastructure or provide fax broadcasting or application fax hosting services to your clients.

HylaFAX Enterprise Edition runs on Linux and Solaris operating systems, which offer superior performance, reliability, scalability and disaster recovery. A large number of tunable server and modem parameters let you customize your installation. It is also easily scripted; users can be alerted by email or pager when new faxes arrive, faxes can be logged, stored in the database, converted to PDF, copied to a shared file system, printed to a laser printer, acknowledged with a fax-back, or any combination of these actions.

At the core of HylaFAX Enterprise Edition is a powerful yet flexible job-scheduling algorithm that can be configured to meet your company's needs, and a state of the art fax engine that supports all of the latest developments in fax technology, including V.34 high-speed faxing, super and hyperfine resolutions, ECM error correction, T.38 "fax over IP" and more.

# The modular design of HylaFAX makes it the ideal foundation upon which to build mission-critical fax systems.

## Key Features

- Optional SQL database back-end
- Brooktrout fax board support
- Barcode decoding
- High-performance job scheduler and T.30 fax engine
- 100+ ports/server, unlimited users
- Scalable multi-server infrastructure
- Alphanumeric paging

## Advanced Features

- T.38 Fax over IP (FoIP)
- Quality checking on incoming faxes
- Dialstring manipulation for automatic long distance, calling card dialing and least-cost routing
- Job prioritization
- Advanced scheduling algorithm with priority scheduling – schedule jobs up to one year in advance
- “Plug-in” style document pre- and post-processing filters
- LDAP authentication support
- Polled fax retrieving
- Subaddress sending and receiving
- Configurable number of tries/redials
- Fax rejection by TSI or CallerID
- Configurable per-fax page limit
- Configurable tag line format
- Modem Pools/Groups

## Productivity Features

- Fax archiving
- Scheduled or immediate transmission
- Broadcast list support
- Fax batching (multiple faxes to same destination in one call)

## Reporting

- Email notification on delivery, requeue and/or on error
- Daily summary report via email
- Optional SQL back-end enables powerful custom reporting
- Detailed session logs for easy error analysis
- Billing Codes for cost recovery

## Supported Fax Hardware

- Fax modems/boards supporting Class 1, 1.0, 2, 2.0 and 2.1 including:
  - o Mainpine
  - o Multitech
  - o Eicon Diva Server
- Brooktrout TruFax, TR114 and TR1034

## Fax Feature Set

- Class 1/1.0 supports V.34 (33.6 kbps), 2-D MMR, ECM, Normal, Fine, and Super/Ultra/HyperFine resolutions
- Class 2/2.0/2.1 support depends on modem/board

## Minimum Requirements

- Up to 24 channels
  - o Pentium II 300mhz or equivalent, 256MB RAM
- Up to 96 channels
  - o Pentium III 600mhz or equivalent, 512MB RAM
- Up to 120 Channels
  - o Pentium IV or equivalent, 1GB RAM

## Supported Document Formats

- ASCII text
- TIFF
- Postscript
- PDF
- MS Office and others possible via third party plug-ins

## Operating Systems

- Red Hat Linux
- Red Hat Enterprise Linux
- Fedora Core
- Solaris 8 (sparc)
- SUSE LINUX
- SUSE LINUX Enterprise Server

## Supported Databases

- Oracle
- Microsoft SQL Server
- IBM DB2
- Informix
- Sybase
- MySQL
- PostgreSQL
- Other databases available

## Desktop Clients

- Clients are available for Windows, Macintosh and UNIX including:
  - HylaFSP, an advanced client for Windows 2000/XP that integrates with Microsoft's Fax Services, available from iFAX Solutions
  - Any e-mail client (via SMTP fax forwarding)

## Email Gateways

- SMTP (Postfix, Sendmail, Qmail)

## Delivery Methods

- Delivery of received faxes in TIFF, PDF or PS format
- Email attachment
- Automatic network or local printing
- Filesystem operations

## Routing Methods

- Manual inspection
- By device (modem, line or channel)
- T.30 subaddressing
- Transmitting Subscriber Identification (TSI)
- Caller Identification (CID)
- Direct Inward Dial (DID)
- Dual-Tone Multi-Frequency (DTMF)
- Dialed-Number Identification Service (DNIS)
- Automatic Number Identification (ANI)
- Calling Subscriber ID (CSID)
- Line-based
- Network Printer
- Distinctive ring support
- Barcode decoding

## Automation & Scripting

- Sendfax command-line utility
- Command-line tools
- FTP-like HylaFAX client/server protocol
- Java API (gnu.hylafax)
- Easily-extended shell scripts for reception and transmission events

