
The Protus Fax Service

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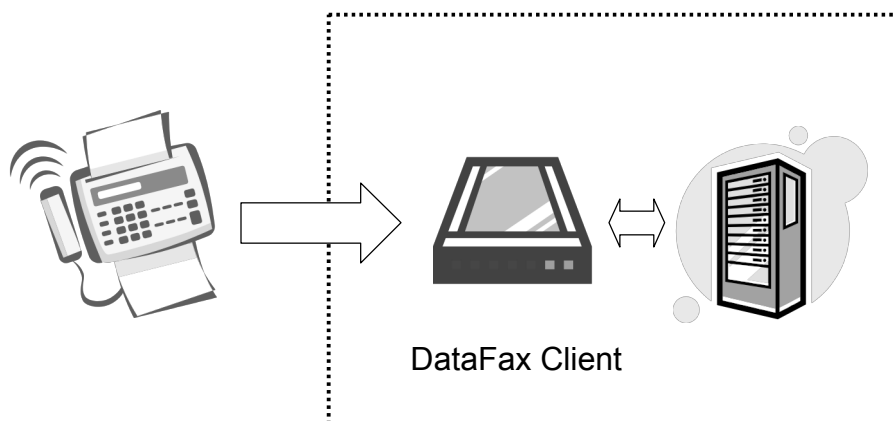
HylaFAX

- Open Source fax package
- Supported by DataFax for > 10 years
- Talks directly to fax modems
- Commercial IFAX version supports Cantata/Brooktrout high performance fax boards

HylaFAX Equipment

- Telephone line(s) with hunt feature
- Fax modem for each line
- Serial port mux with enough ports for all modems

HylaFax diagram



Protus Fax

- Service from Protus IP Solutions sold as MyFax (www.myfax.com)
- Resold by various telecom providers
- Outsources all fax hardware/software/telecom
- Toll-free number with 24 simultaneous call ability

Protus Fax

- Service is generally sold as fax-to-email and email-to-fax gateway
- Faxes sent to your toll-free number are emailed to you as TIFF or PDF attachments
- Email sent to gateway address is faxed out (supports Word, PDF, TIFF, etc)
- XML SOAP based API also available - used by DataFax

Protus Equipment

- Internet connection

Advantages

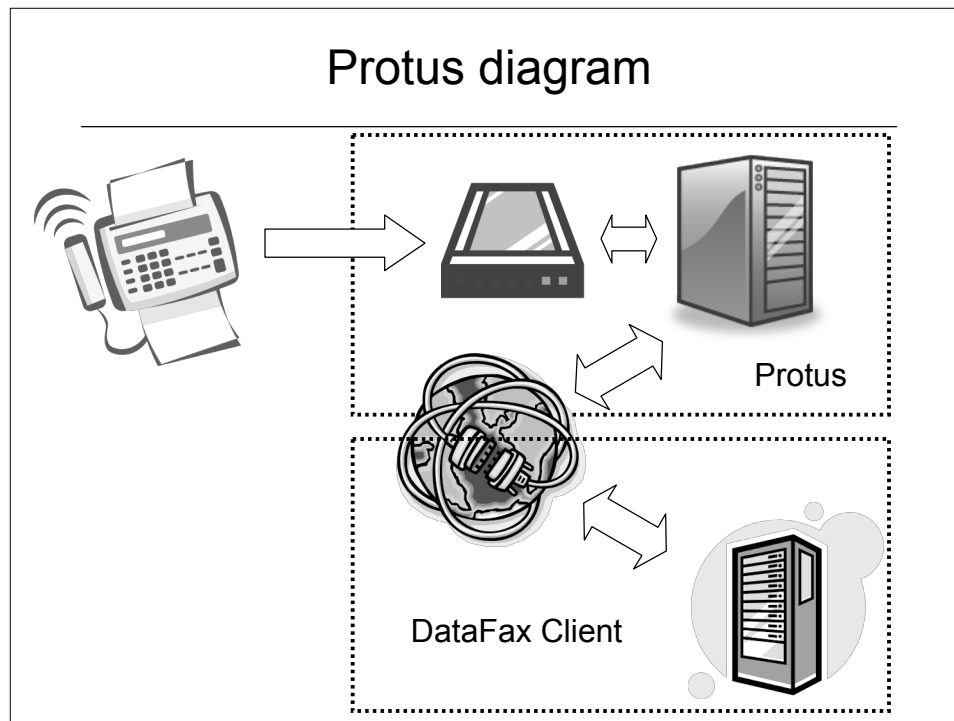
- No modems or phone lines to buy
- Backed by 24 lines - no busy signals
- Pay per use vs. carry excess capacity -- instant capacity on demand
- Pay ~10 cents per page received or sent
- ~\$10/month account charge which includes first 100-200 faxes

Advantages (con't)

- Faxes are queued on Protus server in case of communication breakdown
- Move physical location of DataFax server without fax downtime
- Provides full tracking, reporting and audit for compliance to HIPAA, GLB and SOX

How it works

- Faxes are received by Protus Server
- DataFax uses an SSL encrypted session to check for and download received faxes from Protus Server every 5 minutes
- Faxes then processed normally
- Sending faxes is done by submitting job over SSL connection and querying status



Protus Configuration

- Need Protus account (userid and password)
- Protus account needs XML API enabled
- Protus account set to return TIFF files
- Email address not important (not used by DataFax)
- Disable Email notifications

DataFax Configuration

- DataFax 3.8-001 required
- New DFprotusfax daemon for handling communications
- Define Protus outgoing daemon in DFsystem->Traffic->Outgoing

DFsystem Dialog

The screenshot displays the DataFax Administration web interface. The browser title is "DataFax Administration [datafax@timberline.datafax.com]". The navigation menu includes "Studies", "Roles", "Users", "Status", "License", "Master", and "Traffic". The "Traffic" tab is selected and circled with a black circle containing the number 1. Below the navigation menu, there are three tabs: "Fax In", "Fax Out", and "Auto Reply". The "Fax Out" tab is selected and circled with a black circle containing the number 2. The configuration form contains the following fields:

- Candidate Hosts: timberline (circled with a black circle containing the number 2)
- Working Directory: /opt/datafax/outgoing
- Polling Interval: 60 seconds (dropdown menu)
- Delivery Period: 24 hours (dropdown menu)
- Fax Service: PROTUS (dropdown menu)
- User ID: 1234567
- Password: passwd
- Status: Processing on timberline (circled with a black circle containing the number 3)

Contact Information

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Questions?