Wayne Taylor
Clinical DataFax Systems Inc.

RECENT HISTORY

<table>
<thead>
<tr>
<th>Version</th>
<th>Release</th>
<th>Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.7.004</td>
<td>2005-06</td>
<td>X-Windows</td>
</tr>
<tr>
<td>3.8</td>
<td>2006-08</td>
<td>QT iDataFax intro</td>
</tr>
<tr>
<td>3.9</td>
<td>2009-04</td>
<td>QT for all client tools</td>
</tr>
<tr>
<td>4.0</td>
<td>2009-12</td>
<td>transition complete</td>
</tr>
<tr>
<td>4.1</td>
<td>2010-12</td>
<td>many enhancements</td>
</tr>
<tr>
<td>4.2</td>
<td>2011-09</td>
<td>unicode, DFsend, ...</td>
</tr>
<tr>
<td>5.0</td>
<td>2013-??</td>
<td>Postgres database</td>
</tr>
</tbody>
</table>
UNICODE

- previously DF allowed ASCII only
  - English for all text in study setup and data entry
- 4.2 adds support for 2 byte characters
  - used in many languages
- 4.2 setup supports UNICODE in:
  - all labels and messages displayed in iDataFax
- 4.2 database supports UNICODE in:
  - text fields in data records
  - text in queries and query replies
  - text in reasons

iDataFax Chinese Interface
Site Limit

• Increased to 21,460 sites per study
• New QC Report header for studies created using DF 4.2

- Plate 501:
  Field 7: DataFax Control#
  Field 8: Site#
  Field 9: Report creation date

Other Updates for UNICODE

• Standard Reports
  – text labels for visits, sites, field descriptions, etc.
  – new font selection option in Reports View
• QC report creation, transmission, printing
  – DF_QCupdate, DF_QCreports, DF_QCprint, etc.
  – DFqcps
  – DFtextps
• DFexport.rpc
  – modified the string splitting option for UNICODE
More Updates for UNICODE

- **DFsqlloader**
  - allows UNICODE in text data fields
  - also updated Oracle libraries to version 10g

- **DFcertreq & DFserveradmin**
  - support for UNICODE in certificates

- **DFprintdb**
  - support for UNICODE in text data fields

- **DFpdf**
  - support for UNICODE in visit & plate labels

DFsystem

- Support for UNICODE in:
  - study names
  - study messages when disabled / restricted

- But not in:
  - user login names and passwords
Custom Login Banners

Welcome to DataFax
Bienvenu / 欢迎 / อินเดียร์รับคุณ

DFsystem - Master

Minimum password length: 6 characters
Passwords require:
- at least one character and one digit
- at least one lowercase and one uppercase
- at least one special character ( @#$ )
Password expires every 90 days
Disallow reuse of last 0 passwords
Lockout users for: 1 minutes after 5 failed login attempts
Notification Mail Recipient: dm@datfax.com

Login Banner Text (see HTML to format):
Enhanced Security

DFedcservice manages all internet transmissions between DF apps and a DF server using SSL encryption

- DF 3.8 to 4.1
  - SSL v1-3 and any OpenSSL encryption

- DF 4.2
  - SSL v3 and 128 bit encryption

iDataFax 4.2

- List View - Metadata
  - now includes a 'Lost Records' table

- List View - DFsas
  - added Queries and Reasons to plate selection dialog

- Data View – File: Transmit PDF
  - now allows transmission of 2+ PDF at a time

- Performance – Opening a patient binder
  - iDataFax optimization for large visit and page maps
  - server optimization for large databases
DFsend

- A very simple internet app
- An alternative to faxing
- A site scans CRFs to PDFs, then uses DFsend to transmit the PDFs to DataFax over the internet
- No need to setup and manage a fax modem pool or fax service, or setup local numbers for sites in other countries
- No telephone bills
DFsend Benefits

• authentication (user login)
  – unauthorized users cannot submit PDFs

• encryption (SSL v3 128 bit)
  – protection of confidential patient data

• feedback (immediate confirmation)
  – user knows whether the transmission was successful

• local tracking (DFsend log)
  – a reminder of what has already be sent

• central tracking (iDataFax page context)
  – identifies each page by user name, date and time

www.datafax.com

• New and improved?

• Client Support
  – register, edit your profile, reset password
  – new support request form
  – new tips from the DataFax support group
  – see Software-Release Notes for new features

• Help us by:
  – linking to www.datafax.com
  – suggesting News of interest to the DFUG community
  – sending us study citations for 'DataFax in Action'
  – referring colleagues to www.datafax.com