



halFILE 2.1 New Technical Features

Full ODBC Application

- Microsoft Access has been eliminated
- New ODBC databases
- File Data Source support
- Support for MSDE



Full ODBC Application

Elimination of MS Access... Why?

- ODBC (particularly SQL Server) is a more robust platform
- Access is not client server which means more network traffic
- Access issues with multi-users / file locking
- Eliminates the 3050 locking error
- Reduces chance for corrupt database
- More secure environment
- Client/Server support throughout the product
- Database migration no longer required



Full ODBC Application

New ODBC Databases:

- HFWParams database contains all the tables that were in Paramtrs.mdb
- Main halFILE Database (xxxHFWdd) contains same tables as before plus tables that were in MS Access databases
- xxxddBSKT contains all the basket tables



Full ODBC Application

ODBC File Data Sources:

- Eliminate the ODBC setup at every station
- Uses common DSN folder for all File DSNs



Full ODBC Application

MicroSoft Data Engine

- Free ODBC database engine that we deliver
- Limited to small sites (1-3 users)



32-bit Architecture

halFILE 2.x uses complete 32-bit architecture
Removes the need for NTVDM for Windows
2000/NT/XP (16-bit subsystem loaded into
memory)



Installation Features

- Single install in most cases
- Automatic install of SQL Server drivers
- Automatic install of halMail, Send to halFILE, Print to halFILE, Crystal Reports Runtime
- Uninstall will only remove local workstation files



halFILE Viewer

- New COM Object - halviewer.dll
- Viewer can be upgraded without installing new programs
- Wheel Mouse support (Intellipoint software or equivalent required)
- Single-job printing



Viewer "Flavors"

- halFILE Standard Viewer
 - Annotations
 - Improved printing
 - Color image support
- halFILE Pro Viewer
 - Optical Character Recognition (OCR)
 - Deskew at scan time
 - Despeckle at scan time
 - Crop at scan time
 - Invert at scan time



When do I use the halFILE Pro Viewer?

- TWAIN scan stations
 - Crop
 - Deskew
 - Better scanner control
- Where there is an OCR requirement



Viewer "Flavors"

- halFILE Kofax Viewer
 - Backward compatibility
 - Future forms recognition
 - Barcode recognition
 - Improved printing
 - Color image support



Workstation Delivery

- halFILE Manager delivers updated DLL or other program files that need to be placed on the workstations local drive
- hfdeliver.ini
- deliver folder



Security Features

halFILE integrated Security

- The halFILE user id is derived from the network login, so the user does not have to re-login to halFILE every time they go into the application.
- This feature is recommended!



Security Features

ODBC Integrated Security

- The SQL Server user id is derived from the network login. So, each user is given access privilege to the database inside of SQL Server Administrator.
- This feature is not recommended.



Common Index Code Set

The Index Module code set is common throughout other modules where a document is indexed. This prevents the module from getting out of date as new index features are added.

Index Verify
Print to halFILE
Send to halFILE



Color Image Support

- Viewer support importing of multiple image formats into a single document (TIFF, JPEG)
- Color scanning



Color Image Support

Kofax Support

- Supports CALS, BMP, JPEG, PCX, TIFF
- For color scanning, use JPEG format



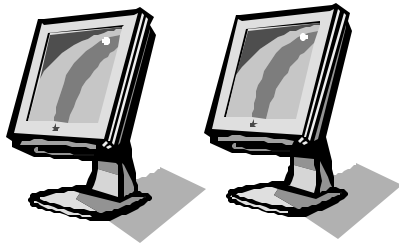
Color Image Support

Imaging Standard and Professional Support

- Views TIFF, BMP, DCX, GIF, JPEG, PCX, WIFF, and XIF formats
- Saves TIFF and BMP formats
- For color scanning, use TIFF with JPEG compression
- NOTE: TIFF with JPEG compression requires a halFILE Standard or halFILE Pro Viewer.
- So, JPEG in TIFF cannot be viewed by halFILE Kofax Viewer.



Multiple Monitor Support



Questions?