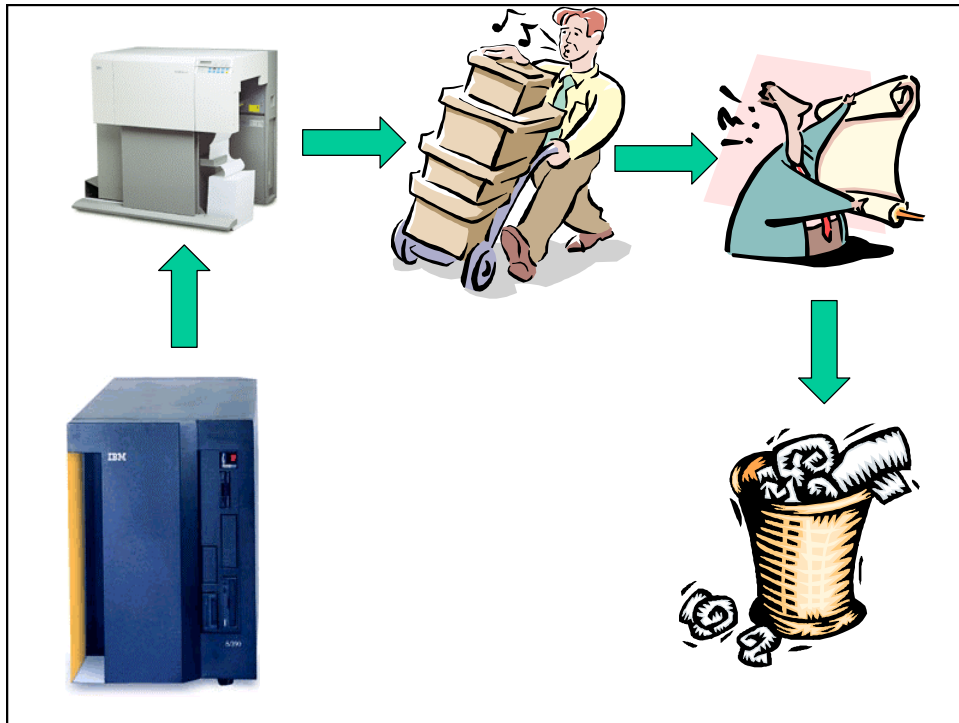


VSE2PDF

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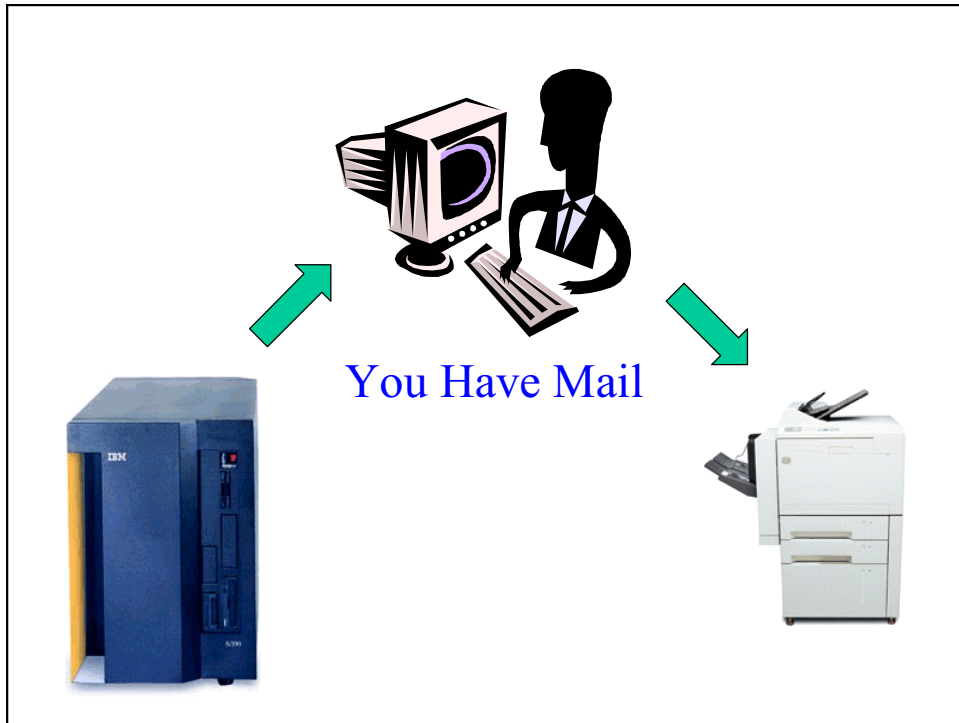
Today's Report Flow

- MIS runs the job
- MIS prints the report
- MIS bundles and sends the report to the user
- The mailroom staff carries the reports to the user
- The user may review one page or two
- User 'files' the report in the recycling bin



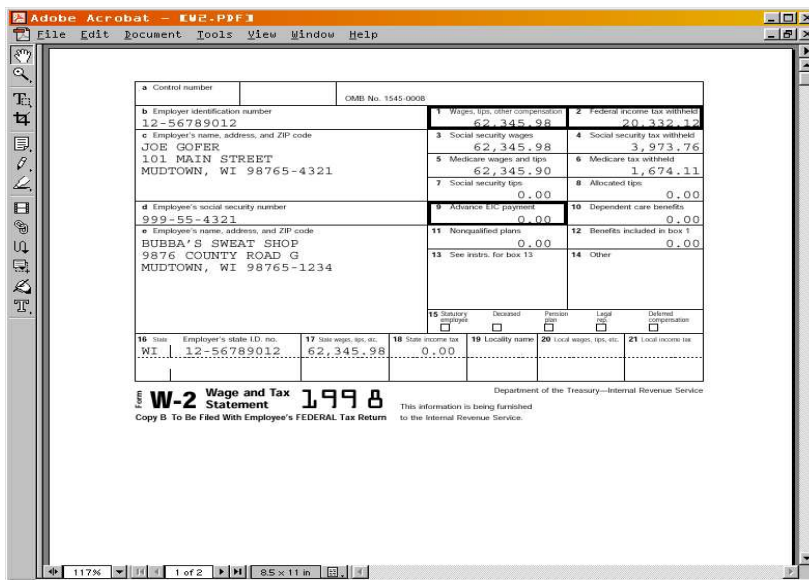
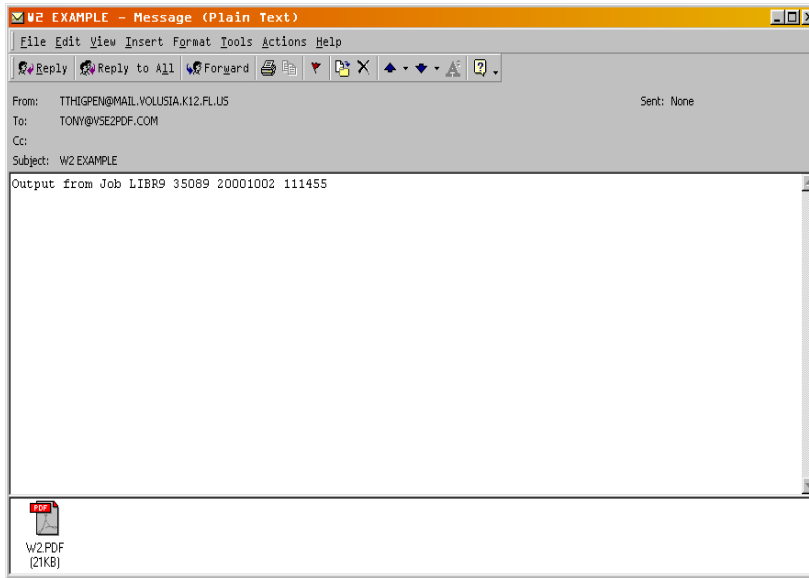
The Future of Report Flow is now here

- MIS runs the job
- The user receives the report immediately via email
- The user reviews the report
- The user prints the pages he needs
- The user archives the report



Document Delivery

- Email attachment
 - RFC standard MIME format
 - Multiple recipients (up to 200)
- FTP
 - Delivery to any RFC compliant FTP server
- VSE Librarian
 - Stored in a VSE library.sublibrary in ASCII
- Printers
 - LPR or Direct ports
- User exit



PDF

- Advantages:
 - Free viewer
 - PDF is the de-facto document standard
 - Font is guaranteed
 - Page layout is guaranteed
 - ‘From page’ ‘to page’ printing available
 - Viewed output is fully WYSIWYG
 - Can be encrypted

PDF

- Overlays (Form Definitions)
 - Static Data on every page
 - Graphics and Logos
 - Generated from PC PDF documents
 - Available on the Internet (IRS Forms, Invoices, etc.)
 - Using Adobe software
 - Graphic design companies
 - Stored in VSE LIBR members

TEXT

- Advantages:
 - No viewer required
 - Very basic
- Disadvantages:
 - No font guarantee
 - No page layout guarantee
 - Receiver can easily modify/falsify

Benefits

- Users receive report as soon as possible without waiting for actual printing
- Users can review for errors before printing
- Users can print only selected pages
- User can print extra copies as needed
- No more 'Where is my report?' calls
- User can do their own archiving

ROI

- Paper Cost
 - \$20.00 box when buying in bulk
 - 10 reams at 500 sheets per ream
 - \$0.40 per 100 pages
- Toner Cost
 - ??????

ROI

- Operations Cost
 - \$15.00/hour (+ benefits)
 - \$0.50 per report to grab, tag, and put in outbound (2 minutes per report)
- Mailroom Costs
 - \$15.00/hour (+ benefits)
 - \$0.50 per report (2 minutes per report)
- Transportation costs
 - ??????
- One company placed the cost at 10 minutes per report

ROI

- For an average 100 page report
 - Paper \$0.40
 - Operations \$0.50
 - Mailroom \$0.50
 - Total \$1.40

ROI

- Just 20 “average” reports each work day (the first year) will pay for the initial product purchase
- Just 3 “average” reports each work day (after the first year) will pay for the product maintenance charge

Real World ROI

- Steel Heddle Manufacturing (in 2000)
 - Modified 133 jobs over a 100 day period
 - Tracked paper costs before conversion
 - Annual savings of 107 boxes (just under 300,000 sheets)
 - \$3,662.11 yearly savings in paper alone
 - Over 10,000 copies no longer handled
 - 42 man weeks of time savings (@10 min/copy)

Real World ROI

- One company found their Fiche provider was no longer going to perform that function
- Installed VSE2PDF and burned CDs each day for historical research
- Recovered the cost of VSE2PDF in less than 1 month

Everyone wants to look good

- When was the last time you heard:
 - “The xyz department receives much better looking reports from their ABC software running on Windows yet our reports are plain and hard to read. Is it because we run on that old mainframe?”
 - “You need to move off that old mainframe and onto our servers. That way we can let you print your own reports.”

Basic Uses

- Large, daily report “management copies”
- Remote sites
- Management “special” and “ad-hoc” reports
- Archival copies
- Highlighting of totals

Advanced Items

- Overlays
 - Logos on internal reports
- Watermarks
 - Confidentiality text
- Bookmarks/Indexes
- Large Monthly/Quarterly/Annual Reports
- Reprint storage
- Barcodes

Advanced Items

- Page Inserts (Stuffers)
 - Up to 8 pages containing up to 8 fixed overlays may now be inserted at:
 - At the start of Job (INITIALx=)
 - Before each page (BEFOREx=)
 - After each page (AFTERx=)
 - At the end of the job (FINALx=)

Wiz-Bang

- Individual emailed invoices to customers
- Individual “check is in the mail” notices to vendors
- Payroll “direct deposit” notices
- COLD storage
- Email reports to PDAs including advanced cell phones

Now that we have VSE2PDF...

- Compiles
 - Programmers working from home
 - Off-platform source storage
 - Archives
 - How many shops have to recompile and recreate a crash just to be able to debug an application abend?
- PRINTLOG
- Stats archival
 - CICS/DMF
 - Performance Monitor

VSE2PDF/Secure

- Internal PDF encryption using a 128 bit key
- HIPAA (Health Insurance Portability and Accountability Act)
- Protection from unauthorized update
- Non-exportable to some countries
- Separately priced feature

VSE2PDF/DJDE

- Interprets in-stream Xerox DJDE statements
- This feature will be updated as User needs dictate
- Currently supports
 - \$\$START, END
 - FONTINDEX, FONTS, FORM, BFORM
 - BEGIN, SIDE
- Separately priced feature

NEW STUFF!

Punch Output

- VSE2PDF can now process PUN queue members
- Requires a second partition
 - Each VSE2PDF partition can access either the PUN queue or the LST queue, but not both

Page Inserts (Stuffers)

- Pages containing up to 8 fixed overlays may now be inserted at the start and end of each output segment
 - INITIAL_x=
 - FINAL_x=
 - Up to 8 pages
 - Works like BEFORE_x and AFTER_x

Job Separator Pages

- User defined JSEP pages
 - All text controllable
 - Can include VSE2PDF variables
 - Format controlled by a PAGEDEF

New Options

- PDFOPT_FIT_WINDOW
- SYSOPT_SEMICOLON
- HTML_AS_IS
- SYSOPT_INVALIDTOFROM
- V3_TITLE_AS_SUBJECT
- XEROXINDEX_DEFAULT

STOCKDEF

- LIBR members
 - FORMDEF=
 - PAGEDEF=
 - USEROVER=
- STOCKDEFs are not prefixed like FORMDEFs and PAGEDEFs.

Carbon Copies

VSE2PDF can now send to CC: and BCC:

```
* $$ LST ...,MAILCC1=tony@vse2pdf.com,  
* $$ MAILBCC1=support@vse2pdf.com,...
```

- 4 carbon copy email addresses:
 - MAILCC1=
 - MAILCC2=
 - MAILCC3=
 - MAILCC4=
- 4 blind copy email addresses:
 - MAILBCC1=
 - MAILBCC2=
 - MAILBCC3=
 - MAILBCC4=

Conditional Scripts

The &PAGEDATA() variable has been enhanced to allow:

- Scan same position on all lines
- Scan all positions of one line

“WHEN” conditions can now test system variables

- WHEN &MAILTO EQUAL SPACE

Directive Variables

- Added short versions of most variables
 - &IPA for &IPADDR
 - &JNA for &JNAME
 - &JNB for &JNBR
 - And the list goes on.
- Makes it easier to build long file names or other directives

Restart Capabilities

- When an email or ftp fails, a restart number is provided to restart the process at the beginning of the email that failed
 - It is a count of the number of skip-C01s
- A new startup option forces VSE2PDF to prompt for a restart number for all LST queue members processed

Limits Removed

- The limit of 16 overlays per job is removed
 - Now limited only by storage available
- The limit of 8 pagedefs per job is removed
 - Now limited only by storage available
- The limit of 140 user defined fonts is removed
 - Now limited only by storage available

Performance Improvements

PAGEDEFs, FORMDEFs, STOCKDEFs, and overlays can now be preloaded into storage at VSE2PDF startup or kept in storage after their first reference.

- Limited only by storage available
- Storage usage is now more dynamic
 - Reduces storage used by overlays

VSE2PDF/SECURE

- New option on LST card passwords to correct for Power's automatic uppercase translation of the LST card directives.

VSE2PDF/DJDE

- BFORM= now supported
- FORM= now can reference a STOCKDEF for better compatibility with Xerox processing methods