

Native PDF Generation for Today's 'On Demand' Business Environment

Insurance

Compliance

Payroll

Finance

HR

Banking

Billing

HIPAA

Logistics

CICS²PDF

CICS²PDF is a native CICS software tool for creating enhanced PDF output directly from CICS applications.

Web-enabling CICS applications to deliver critical business information to employees, customers, and partners is a critical element of today's 'on demand' business environment. While most transactional content is presented via HTML or XML for viewing and other post-processing activities, PDF is the standard for final-form document viewing, printing and archiving.

Why PDF

Security

PDFs can be password-protected and encrypted. They retain their security even when stored or forwarded.

Consistent Presentation

A PDF will look and print the same—everywhere. Documents can lose meaning and value if the layout or visual emphasis is altered.

Information Integrity

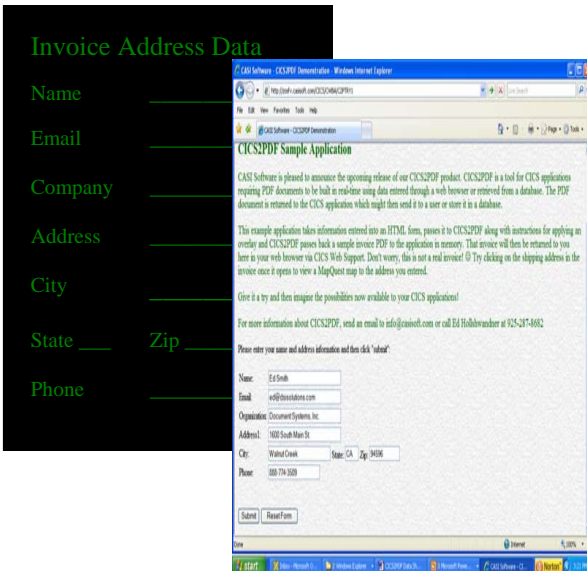
A PDF contains all of the graphics, fonts, and instructions in a self contained package that can be easily stored and transported. HTML assembles all of the components from separate files. A PDF easily handles multiple pages while HTML does not readily handle or understand the concept of pages.

Enduring

HTML and XML are transient in nature, whereas a PDF can be saved, forwarded and archived intact. This is the reason government and commercial organizations around the world are standardizing on PDF for electronic documents.

Ease of Implementation

The free Adobe Reader® is installed on virtually every Internet connected PC and comes bundled with 60% of all PDAs. Anyone on any platform can read PDF files.



Why in CICS

Build the PDF Where the Application Lives

When the application and data are already in CICS, it makes sense to create final-form documents inside CICS itself.

Ease of Maintenance

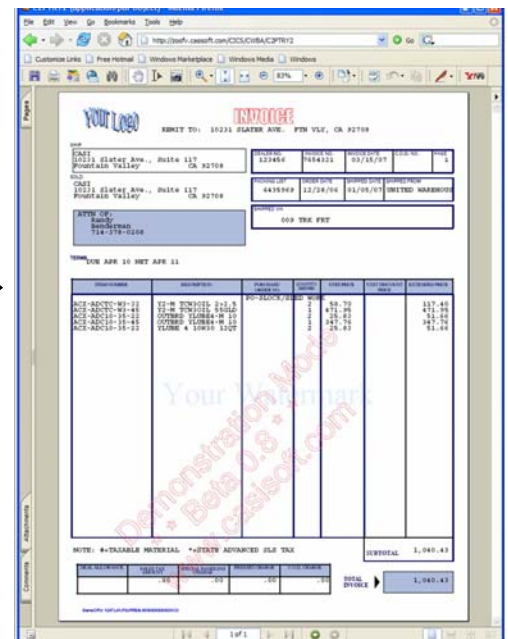
Passing data to other applications and/or platforms increases the development time and operational problems. There is significantly less support required when the document is built within CICS as compared to a multi-tier solution.

Encrypted Transfer

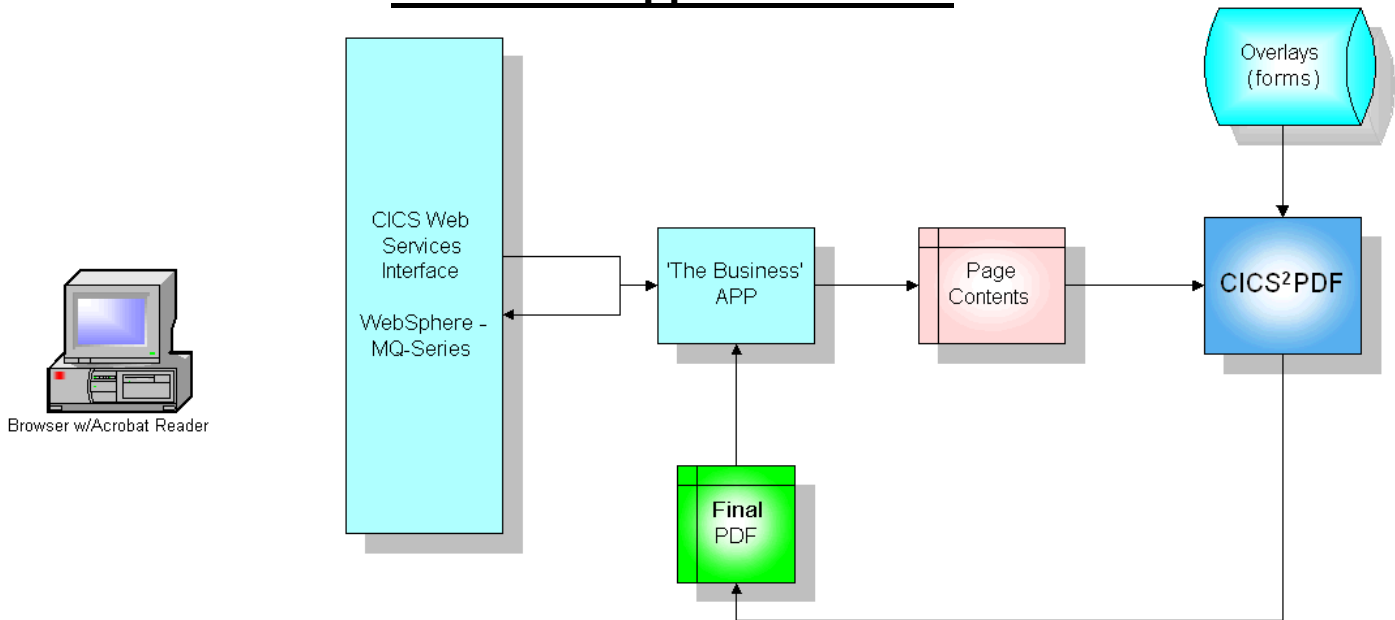
For PDFs that require encryption and locking, creating the PDF inside of CICS ensures that the data never leaves the mainframe unprotected.

Single 'Unit of Work'

A single application can retrieve the request, compose the PDF, send it, update a database to record the event, and even store a copy of the actual PDF into DB2... All in one 'Unit of Work'!



CICS2PDF Application Flow



CICS²PDF is a native CICS software tool for creating enhanced PDF output directly from CICS applications.

Imagine!

A Font Dynamically Invoked to Add Bar Code Information to an Invoice PDF.

Overlays

Overlays provide the ability to combine CICS transactional output with pre-designed

PDF forms. These forms can be created using any standard design tool (Mac or PC) to build a master PDF that is converted to a mainframe overlay file using our included PrepHost tool. CICS2PDF can then 'print' on the resulting overlay. Government forms are available in PDF format allowing them to be converted directly to overlays.

Imported Fonts

Fonts can be extracted from any PDF to make them available to CICS2PDF. Even a bar code font can be extracted to add bar coded information to an invoice or bill of lading PDF generated by CICS2PDF.

Annotations and Links

CICS2PDF can dynamically add annotations and active web links to the PDF document. Imagine how a bill of lading would be improved by adding a direct link to MapQuest with the shipping address.

JPEG and TIFF-F images

JPEG or TIFF-F images can be inserted into the PDF page. A picture of your product can be placed right next to the order confirmation.

Bookmarks (Indexes)

Bookmarks can be added to large PDF documents to speed navigation for the recipient.

Script Language Allows Advanced PDF Formatting

CICS2PDF includes a scripting language that can create more advanced PDF pages utilizing multiple overlays, watermarks, JPEG and TIFF-F images, rotating objects, drawing functions (boxes, lines, etc), annotations, bookmarks and more.

Compression

Adobe Acrobat® PDF supports compression automatically. On larger PDF documents, compression can reduce output size by up to 80%.

Encryption and Password Protection

CICS2PDF supports Adobe Acrobat® 'owner' and 'user' encryption and password protection. The 'owner' password can prevent changes to the PDF after generation and the 'user' password prevents the PDF from being viewed by anyone not knowing the password. Encryption assures the customer that no data leaves their mainframe as clear text or in a state where unauthorized persons might alter it.

Diagnostics

CICS2PDF has extensive built-in tracing diagnostics including the ability to control the level of detail and the trace destination.

Documentation

CICS2PDF is fully documented with sample programs, overlays and scripts provided.

Imagine!

A Bill of Lading With a Link to MapQuest Mapping Your Shipping Address.

Imagine!

A Picture of Your Product Right Next to the Order Confirmation.

About CASI Software

Computer Application Services, Inc. (CASI Software) began providing mainframe software in 1985 with its first product, EMS, the Electronic Mail System for CICS. Our ABend-Catcher and Side-CICS products followed shortly thereafter. CASI Software currently specializes in electronic information delivery solutions for the IBM z/OS and OS/390 platforms. These include e-delivery innovations leveraging existing mainframe assets while exploiting the efficiencies and benefits of intranet and Internet technologies. Customers utilizing CASI products realize a high ROI through hard dollar cost savings, more useful and secure information content, and measurable operational improvements.

CASI is headquartered in Fountain Valley, California with distributors in Sweden, Germany, France, Italy and the Iberian Peninsula.

Other CASI Software Products Include

JES2Mail/JES2FTP

JES2Mail/JES2FTP is the most powerful report post-processing tool available on the mainframe today. Either as a JESWriter or batch job step, report content is transformed into a variety of formats (PDF, HTML, RTF, and more) and delivered via email or to servers. Reports can be split based upon contents to allow sub-reports to be delivered separately. Data can be extracted from reports and delivered as accompanying CSV or XML 'spreadsheet ready' attachments.

Mail2ZOS

Email is the easiest way for a user to send information, and Mail2ZOS enables a mainframe to receive, store and act upon the contents of emails and their attachments. Mail2ZOS can automate, simplify, streamline, and otherwise improve the flow of uploading data files to the mainframe and launching on-demand jobs to process the newly stored information. This is accomplished with security and with notifications to senders and operational personnel.

Click Through a Simple Demonstration

1. Go to WWW.CICS2PDF.COM.
2. Type (*Your* data) into the HTML fields.
3. Click "SUBMIT".
4. Delivered to you will be a completed **CICS²PDF document** with **YOUR** Information.

Try it!

CASI Software
Innovations in Mainframe Information Delivery

10231 Slater Avenue, Suite 117 Fountain Valley, CA 92708
Phone: 714-378-1109 Fax: 714-378-9909 www.casisoft.com info@casisoft.com