



Lincoln & Co.

DOCUMENT CONVERSION SOFTWARE



ConServR: Converting Application Files

ConServR converts popular application and graphic file formats such as MS Office, Adobe PDF, HTML, Lotus Smart Suite, HP-PCL, and PostScript to output formats such as text, TIFF, PDF, PostScript, HTML, JPEG, and RTF.

ConServR combines Lincoln's expertise in conversion technology with the latest processing technology to support high-throughput document conversion applications. Common applications include:

- Fax Solutions - Fax servers and fax broadcast services accept native documents that must be converted to a TIFF format for faxing.
- Document Management – As solutions for managing and archiving documents migrate to the Web, users of such systems need to convert stored documents from their original file format to a viewable file format.
- Email - ConServR translates documents into easily-read, non-executable, rendered documents, solving issues with attachments that contain viruses, unavailability of necessary viewers, and senders who do not want to transmit documents that can be modified.

Input and output files may be presented in several ways. A Web browser interface lets users select and upload input files from their PCs or workstations. Converted output files may be downloaded to users or sent via email. The programmatic interface integrates with existing applications and converts input files in designated directories and places output files in likewise designated directories. Watermarks may be included with the output file.

ConServR employs a modular design that allows it to exist on a single processor or be distributed over several local or remote processors. This design incorporates load balancing to provide maximum throughput in critical applications. The design is flexible, allowing each ConServR implementation to meet specific application and installation requirements. Concurrent users or applications may utilize ConServR without a significant decrease in performance. ConServR is scalable — processors may be added to increase throughput, provide load sharing, and implement fault tolerance.

Runs On:	Windows Linux
Interface:	C++, C VB Java TCP/IP GUI (Java Client)

ConServR: Converting Application Files

ConServR for Windows

ConServR for Windows runs native applications, such as MS Word and Adobe Acrobat, to convert application output such as Word documents and Adobe PDF files to TIFF and other formats. ConServR for Windows ensures that the resulting output is identical to the print output of the original file.

INPUT	OUTPUT
MS Word	Text, Unicode, TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, PCL, PostScript, BMP, PNG, RTF
MS Excel	Text, Unicode, TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, PostScript, PCL, BMP, PNG
MS PowerPoint	Text, Unicode, TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, PCL, PostScript, BMP, PNG, RTF
MS Project	Text, TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, BMP, PCL, PostScript, PNG, RTF
HTML	Text, Unicode, TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, BMP, PCL, PostScript, PNG, RTF
PDF	Text, TIFF G3, TIFF G4, Color TIFF (with Acrobat), PCL (with Acrobat), PostScript (with Acrobat)
Lotus 123	Text, Unicode, TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, PostScript, PCL, BMP, PNG
Lotus WordPro	Text, Unicode, TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, PostScript, PCL, BMP, PNG, RTF
Lotus Freelance	TIFF G3, TIFF G4, Color TIFF, PDF, JPEG, PostScript, PCL, BMP, PNG
Corel WordPerfect	Text, Unicode, TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, PCL, BMP, PNG, RTF
Visio	TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, PCL, PostScript, BMP, PNG
PCL	TIFF G3, TIFF G4, Color TIFF, PDF, JPEG
PostScript	TIFF G3, TIFF G4, Color TIFF, PDF, JPEG, BMP, PNG
Text	TIFF G3, TIFF G4, Color TIFF, ASCII, Unicode, TIFF, PDF, HTML, JPEG, PCL, BMP, PNG
RTF	TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, BMP, PC, PostScript, PNG
JPEG	TIFF G3, TIFF G4, Color TIFF, JPEG, PostScript
GIF	TIFF G3, TIFF G4, Color TIFF, JPEG, PostScript
PNG	TIFF G3, TIFF G4, Color TIFF, JPEG, PostScript
BMP	TIFF G3, TIFF G4, Color TIFF, JPEG, PostScript
OCR of TIFF, GIF, or JPEG	Text, Unicode
Snapshot Viewer	TIFF G3, TIFF G4, Color TIFF, JPEG, PostScript, PDF, BMP, PCL, PNG

ConServR: Converting Application Files

ConServR for Linux

ConServR for Linux uses open source applications to emulate MS Word, Adobe Acrobat and other applications to various other formats. Although ConServR for Linux is robust, it is possible that the resulting output will differ slightly from the print output of the original file. Such exceptions are not common, but they cannot necessarily always be remedied because the applications used to emulate the original application are just that – emulators. If the converted output must always be 100% identical to the application print output, then ConServR for Windows is required.

INPUT	OUTPUT
MS Word	Text, Unicode, TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, PostScript, BMP, PNG, RTF
MS Excel	Text, Unicode, TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, PostScript, BMP, PNG
MS PowerPoint	Text, Unicode, TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, PostScript, BMP, PNG, RTF
HTML	Text, Unicode, TIFF G3, TIFF G4, Color TIFF, PDF, HTML, JPEG, BMP, PostScript, PNG
PDF	TIFF G3, TIFF G4, Color TIFF (with Acrobat), PostScript (with Acrobat)
PCL	TIFF G3, TIFF G4, Color TIFF, JPEG
PostScript	TIFF G3, TIFF G4, Color TIFF, PDF, JPEG, BMP, PNG
Text	TIFF G3, TIFF G4, Color TIFF, PDF, JPEG, BMP, PNG
RTF	TIFF G3, TIFF G4, Color TIFF, PDF, JPEG, BMP, PostScript, PNG

OUR CUSTOMERS

With over 25 years in the image conversion industry, Lincoln & Co. has built an extensive list of customers from diverse industries. Lincoln's customers generally fall into one of three categories – OEM, VAR, and End-User.

The majority of Lincoln's customers use file conversion and image viewing applications as a component of their own solution. To the customers of our OEM clients, the use of Lincoln & Co. software is not apparent. For example, a document management company uses Lincoln's file conversion applications to convert retrieved documents into a viewable file format.

Lincoln resellers provide a value-added solution to their customers by integrating Lincoln's file conversion and image viewing applications into business applications. Lincoln VARs often serve as systems integrators, employing Lincoln technologies to satisfy specific customer requirements. For example, an accounting department prints invoices to be mailed, but also needs to archive these invoices electronically in a format that can be easily viewed. Lincoln's conversion software is employed to convert the print output to a standard image format.

Lincoln's viewers are popular with end-users that have a need to view PCL or PostScript files. Lincoln's file conversion appli-

cations are used by end-users that work with many different file types and need to convert these to image or to other standard file formats.

ABOUT LINCOLN & CO.

Lincoln & Co. was founded in 1978 to develop advanced technology for processing text and graphics, and to apply this technology to computer peripherals. The company was an early leader in developing software and hardware for laser printer imaging and control. Companies such as DEC, Toshiba, Minolta, Ricoh, and others integrated Lincoln-designed controllers in their original printers.

More recently, Lincoln & Co. file conversion and image viewing software has been used by leading OEMs and end users in the fax software, document management, and printer markets worldwide.

Since its founding, Lincoln & Co. has attained a reputation of providing high quality products with excellent support and customization capabilities. In December 1997, Lincoln & Co. became a division of Biscom, Inc., a leader in enterprise fax and messaging solutions.



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