



## Product Description

### Overview

Emtex VIP is a high performance output management solution providing:

- Production Print Management
- Electronic Document Delivery
- Real-time data stream transformation
- Centralized control of production
- Job accounting

...for all of the industry's leading data stream formats including IBM AFP, Xerox LCDS, HP PCL and Adobe PostScript & PDF.

### Features

Emtex VIP has an industrial strength, high performance, multi-tasking, client/server architecture, processing data at up to 10,000 pages per minute. This enables a print center produce electronic documents and drive multiple printers simultaneously using a single point of control.

Emtex VIP is the industry's leading solution for transforming "legacy" print streams into format, which can be used via the Internet.

Emtex VIP is designed around an expandable modular architecture that can grow with the needs of an organization. Modules are selected, as required, to build a customized solution from standard components, in order to exactly meet customer requirements using one solution.

### Core Functionality

The Emtex VIP core features include; a real-time executive, transform manager, Job queue manager for load balancing & print management, resource manager, and accounting manager. Emtex VIP comes with a powerful GUI and a viewer for document proofing, page selection and reprint confirmation. The core also includes the connectivity manager to receive jobs from virtually any source including Mainframe, UNIX and PC environments. Emtex VIP also allows multiple simultaneous outputs from a single input

### Transform Architecture

Emtex VIP provides a comprehensive transform engine that converts all the common PDLs into Emtex's virtual format (VDD) and then outputs to a wide range of printer and electronic formats. Transforms are text/vector-based and are performed in real-time.

The basic VIP System requires at minimum one input selection, the core system and one output device.

### Optional Emtex VIP modules or upgrades include:

- **Indexed Reprint Module** - enables the reprinting of single documents or mail piece within a print job to any printer. Indexing is possible on control records (DJDE comments / ACIF NOP and TLE records) or data elements within the jobs itself (account number, name, ZIP code, etc.).
- **Archive and Internet formats** - dynamically output documents to internet-ready format e.g. PDF, TIFF, and XML.
- **Data Pass-through** - manages print data without transforming the input into virtual format.
- **Automated Reprint Manager (ARM)** - automated reprint triggered by 3rd party integrity system.
- **PDF Security** - for the encryption and password protection of PDFs
- **Remote GUI** - allows control of print management at remote locations.
- **Development Station** - permitting applications to be tested and proofed offline.
- **Hot Standby License** - in case of hardware failure, a full backup system of Emtex VIP is available.
- **SCSI Tape Support** - for LCDS and AFPDS job submission and output.
- **Stand-alone Viewer** - Jobs can be stored in VIP native format(VDD) on CD-ROMs for job archive and reprint.
- **3211 Channel Input and Output hardware**
- **ESCON Channel Input hardware**

## Technical Specifications

The Emtex VIP consists of licensed software and documentation. PC hardware and the base operating system is provided by the customer. The base operating system is Window NT4 or Windows 2000. Minimum hardware specifications consist of a Server with a 1.2-GHz Pentium III processor, 256 MB RAM and a 9 GB hard drive. In addition the appropriate communication cards are required for TCP/IP, SCSI, or IBM 3211/ESCON channel connections.

## License Management

Emtex VIP software is protected through a hardware dongle license management. Dongles are available for Parallel and USB connections.

## Data Input Environment Support

- TCP/IP Ethernet or Token-Ring
  - FTP and LPR
  - Automated polling of network disks,
  - Socket connection (Via Emtex's API)
- 3211 Bus & Tag and ESCON Channel (Xerox Input only)
- SCSI tape input for 3490 cartridge and Open Reel tape
- SCSI connection to Océ IPDS single & twin devices
- Mainframe connectivity via TCP/IP or SNA(LU 6.2)
  - VIPConnect for MVS/VSE
  - VTAMPrint (Macro4)
  - VPS AnyQ (LRS)
  - EOS/390 (RSD)
  - OS/390 Download (IBM)
  - XPAF (Xerox)

## Input Datastream Support

- Line Mode
- Xerox LCDS & Metacode
- Xerox VIPP
- IBM AFPDS, AFP Line Mode & AFP Mixed Mode
- PCL Image Mode (PCL5c & PCL5e including HP-GL/2)
- Adobe PostScript Level 2 and PDF

## Output Datastream Support

### Printer Devices

- IPDS via channel or TCP/IP (B/W & OCA color)
- Metacode via channel (B/W & HLC)
- Metacode to File (for BarrSpool)
- PostScript Level 1 & 2 (full color)
- PCL 4 and 5 (B/W & primary color)
- IJPDS (B/W and full CMYK color)

### Archive / Electronic Output:

- AFPDS (B/W & extended color)
- TIFF Group 4 (B/W only)
- PDF (type 1 and type 3 fonts) (full color)
- XML (requires Emtex VDE)

### Supported Printers

- IBM InfoPrint Family
- NIPSON 7000
- Heidelberg Digimaster
- Océ PageStream & DemandStream including DSC 210 printer
- Scitex VersaMark and Vantage CF printer
- Xerox DocuPrint Continuous Feed
- Xerox DocuPrint LPS, IPS, NPS & EPS family
- Xerox DocuColor 2000 series IPS & NPS
- Xerox DocuPrint 75 and 90;
- Xerox DocuPrint N Series & Document Centre
- Xerox DocuTech 2000 Series & DocuTech 135

In addition Emtex VIP prints to standard PostScript, PCL, and IPDS printers from all vendors

## Services

Emtex offers a wide variety of value-added services, ranging from pre-sales output management consulting to installation and system integration services. Please contact Emtex for more information.

The Emtex logo is rendered in a bold, blue, sans-serif font with a slight 3D effect and a shadow.

For further information please visit [www.emtex.com](http://www.emtex.com)

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