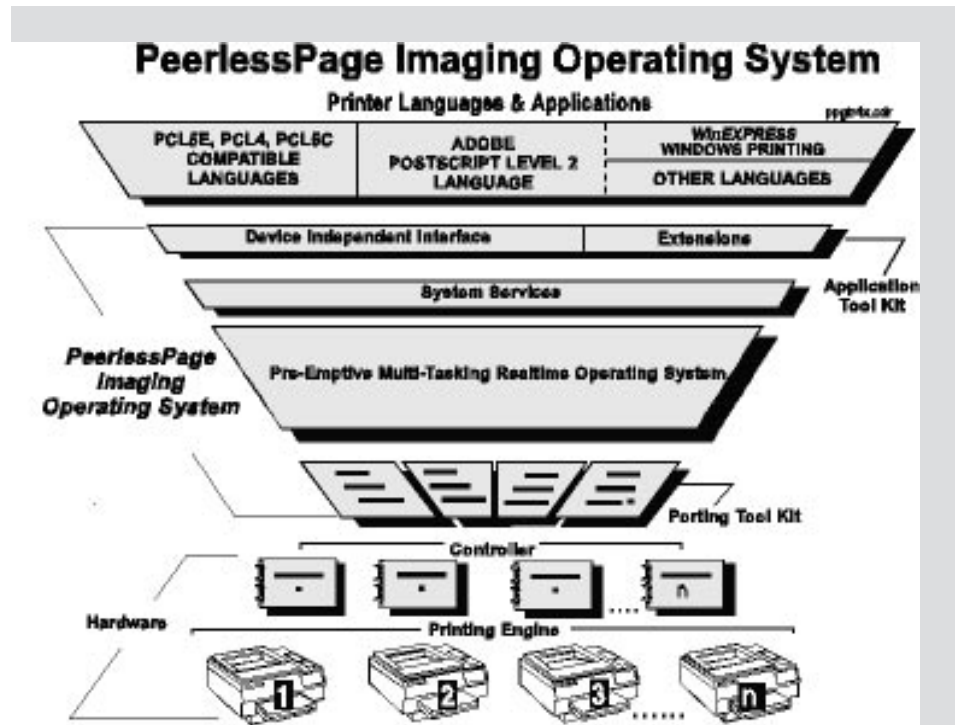


PeerlessPage* Imaging Operating System

- Complete, Scalable, Multitasking Operating Environment
- Supports Software and Hardware Assisted Modes For PeerlessPrint5E (PCL5E Emulator), Adobe PostScript Level 2 Printing
- Low Cost MRT Controller Designs Available
- Intelligent Management For Languages, Applications, Interfaces, Fonts
- Auto Emulation and Interface Switching
- Easy Addition of Modular Controller Options
- Standard API Interfaces for Languages and Applications
- Networking Solutions: Ethernet, TCP/IP & Novell Netware, Ethertalk, LocalTalk
- Source Code Available for OEM Printing



The PeerlessPage Imaging Operating System is a real-time, multitasking operating system that is optimized for printing and imaging applications. Available for Intel's i960[®] processor family, PeerlessPage fully exploits the Memory Reduction Technology (MRT*) acceleration facilities of printer coprocessors such as the Intel 82961KD.

PeerlessPage, together with Peerless-provided PDLs such as Adobe PostScript Level 2, PeerlessPrint5E (PCL5E emulation) give printer manufacturers an off-the-shelf solution that greatly reduces time-to-market and development costs. It also provides a structured, open platform that encourages OEMs, VARs and sophisticated end users to develop portable vertical market applications and other specialized printer functions. With PeerlessPage handling tasks like graphics, I/O, and memory management, manufacturers can offer flexible cost reduced products with superior print quality and greater functionality at a reduced cost, while focusing on value-added features that

enable them to keep a step ahead of industry leaders.

Both PeerlessPage and the Peerless family of PDLs incorporate Peerless' MRT, a collection of display list, graphics and band printing techniques that boost printer performance and slash controller memory requirements. When used in conjunction with coprocessors like Intel's 82961KD, which provide MRT hardware assist, MRT can reduce controller memory requirements by 3x or more, depending on the resolution and page size. A 600 dpi printer incorporating MRT, for example, can produce PCL5E and Adobe PostScript Level 2 images with complex graphics using just 2 Mbytes of memory.

While MRT cuts printer cost, support for multiple PDLs, fax and myriad I/O and LAN interfaces increases printer flexibility, enabling these printers to be used in heterogeneous, LAN-based, shared-resource computing environments.

PeerlessPage's modular design and versatile PSIO (Peerless Standard I/O) capabilities also make it easy to install upgrades, from new fonts, and PDLs, to additional memory and even new processors.

PROCESSORS SUPPORTED:
i960 Processor Family

AVAILABILITY:
Now

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For international contacts see Appendix B.



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