

MGS3

OPI PRINT MANAGER



MGS3 is a PostScript™ productivity tool offering a graphics database, OPI server, print spooler, e-mail notification, network routing, plus remote monitoring and administration capabilities using a standard HTML Web browser.

- Graphical User interface
- Database Management of Picture Storage
- Helios Ethershare providing file sharing, print spooling and network zoning
- Supports EPS, DCS, DCS2, TIFF (including LZW, PackBits and CCITT Group 3 & 4 compressions), and JPEG
- Makes available the information that allows report-generation by a third-party
- Creates a RGB thumbnail from an EPS image
- Converts low-resolution to CMYK when the high resolution image is RGB

OPI Server

As an OPI server, MGS3 greatly reduces network traffic and speeds the transmission of finished pages. Documents that previously required long periods of time to print will now release from the workstation in a few seconds, allowing editors and graphic artists to get back to work more quickly.

Print Spooler

As a print spooler, MGS3's informative user interface displays the status of print queues, RIPs, and imagers. Auto-polling of RIPs, prioritization of input queues, and e-mail notification of job completion is also available. Transferring of jobs between spool-queues is accomplished with the use of one-button toggling between spool-only and spool-and-print. Drag-and-Drop allows the user to move print jobs between spool-queues. This includes the option of selecting more than one job at a time.

Graphic Database

As a graphics database server, MGS3 speeds document construction and simplifies file server maintenance. MGS3 client software allows users to quickly locate their images, and retrieve low resolution versions for use in page makeup. Using the client, images can easily be marked for back-up, archiving, or deletion. MGS3 also provides network routing, allowing traffic generated by the transmission of high resolution graphics and PostScript pages to be isolated on dedicated network segments.

Dual MGS3

Many end-users need total redundancy in equipment used to print their publications. The Dual MGS option for MGS3 maintains an up-to-date back-up of all the images in the image database and all of the spoolers created for the print server. Both of the MGS3 workstations are active, this not only doubles the power of the system, but either platform can take-over in the unlikely event of problem. The operator/administrator institutes a simple, quick and seamless "fail-over" procedure so that the single MGS3 can take over all of the OPI Server/Print Spooler/Graphic Database functions.



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Optional Productivity Enhancements...

- *Auto Polling:* MGS3 can be configured to find the first available RIP and route the current job through that RIP.
- *Priority Queuing:* Allowing print queues to be assigned different priority levels.
- *Client Interface:* Available for either Macintosh or PC to allow search and browsing of the picture database. This can be used either alone or in conjunction with Extended Low Resolution.
- *Client Server Interface:* This resides on the Sun™ server and provides the interface for the PC or Mac clients and described above. This is required in addition to the Client Interface software.
- *E-Mail Notification:* Allows the sender to be notified electronically upon the completion of their print job. MGS3 can be configured to report on the successful completion of a job, on an error in a job, or both.
- *Extended Low Resolution:* Allows a structure of low resolution picture directories to be created, each of which stores the low res images for a particular database classification and sub-classification.
- *Dual MGS3:* The tasks of MGS3 can be shared across two Sun platforms to both improve performance and provide against a platform failure.
- *Remote Monitoring:* Remote monitoring and administration is now possible from virtually anywhere in your network. Using a standard HTML browser for the World Wide Web, users and administrators can view queues and log files, as well as control many of the functions of the MGS3 server.

MGS3 Server Hardware: Sun Ultra
128 Mb RAM
9 Gb hard drive



MGS3 Server Software: SunOS: Solaris 8
EtherShare™ software package

MGS3 Server Extensions: Mirrored disk drives
Sun on-line Disk Suite software
for mirroring and support of large
disk partitions
RAID storage
Additional Ethernet cards

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