

NEW Capabilities for S P X & Vital Image Generators



SPX, Vital, and OMTI Drive Emulation System Replaces OMTI 5000 Series Controller and Drives

Available with:
4.5 GB Removable Hard Drive
Tape, CD-R, or MO Optical Disk
3½", 1.44 MB Floppy Drive
10/100 Base-T Ethernet Data Transfer

Plug-compatible Replacement for
E&S SP3T SPX200 SPX250 SPX500 SPX550 and Vital IV

Installs Without Software Changes!



SPX-200 Hard Drive, Floppy, Cassette Tape, and controller unit; replaceable with the ASPX Emulation System.



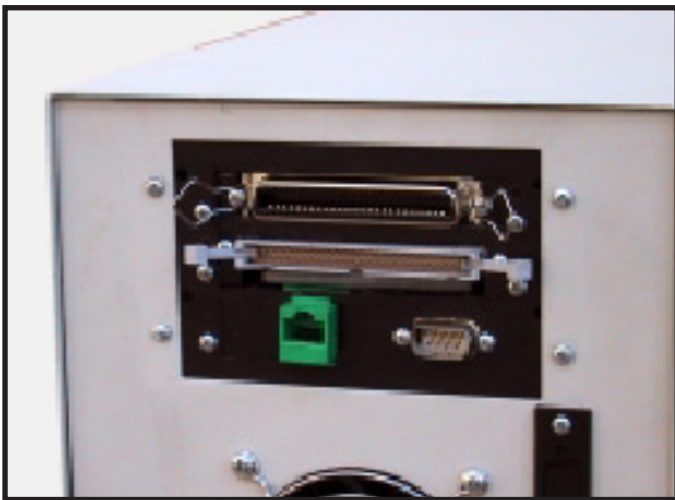
ASPX Emulation System mounted in a table-top cabinet. Unit is shown with control unit (top to bottom), removable SCSI hard drive, Magneto Optical drive, and Data Cassette tape drive. Unit is available with any combination of SCSI devices.

Direct Replacement

The existing OMTI Controller and drive package is replaced entirely with the ASPX Emulation System. The existing hinge plate mates with the new package, retaining the swing out feature of the existing unit, while providing a host of additional features and capabilities. A table-top cabinet is also available as shown in the photos.

File Transfer / Loading

Transferring files from the existing system to the ASPX Emulation System is a simple process. The installed Cassette tape drive reads the existing tapes. Files are transferred from tape to the internal hard drive using standard SPX commands. A backup of the entire hard drive can be made to an installed tape drive, Magneto Optical drive, CDR or, a second hard drive.



ASPX Emulation System rear panel shown with Centronics and 50-pin IDC connectors. Card-edge connectors are accommodated with a rugged adapter to the Centronics connector. RJ-45 Ethernet and DB-9 RS-232 Control / Maintenance connectors are provided for networking and setup.

Plug-Compatible, Form/Fit/Function Upgrade

Existing E&S interface cable plugs in directly to the 50-pin IDC connector on the rear panel of the ASPX Emulation System. Card-edge connectors are supported with an adapter to the Centronics connector. An RS-232 connector is provided to allow downloading of software or firmware updates. Diagnostics and custom setup or modifications to the controller emulation parameters can also be done through the RS-232 port.

NEW Capabilities

Ethernet File Transfer - Tape files are generated at the development system using the SPX's copy and read tape commands. The tapes can then be used to transfer CDR files to the target system's disk drive, or the tape file can be transferred over the network with TCP/IP. Standard SPX commands allow the target system to read the tape file and transfer them to the hard drive for use.

MultiVolume - Provides local or remote selection of multiple volumes on the SCSI hard drive for rapid, local selection of numerous training scenarios. Standard hard drives are 4.5 GB or larger, and can contain 6 or more independent images of 650 MB each. Larger drives can accommodate additional images and volumes.

Copy/Backup - Local copies of the disk image, with all volumes, can be made to a second SCSI hard drive installed in a removable drive bay, thus providing a second bootable drive for backup. Copies can also be made to tape, MO disk, or CD-R disk for longer term storage or archiving.

Modular System - The ASPX can be supplied with a wide variety of drive types, options, and features to meet customer needs. Units can be supplied with just the drives and features needed for the application.