WORKSTATION INTEGRATOR.
Revolutionize the way operators interact with information.

Built for today and tomorrow

Control room operators are frequently overwhelmed by an increasing number of computer systems and an escalating amount of information. These operators must often manage 10-12-15 or more computer systems to perform their jobs. Finding and analyzing information, responding to alarms, and managing multiple systems is challenging and often chaotic. These problems are solved by the Ross pro-xi Workstation Integrator, which revolutionizes the way operators access and interact with information.

Operators can simultaneously view and control multiple, disparate computer systems on one integrated workstation.

Pro-xi Workstation Integrator

- Focus on critical information with high-quality, scalable thumbnails and sub-windows.
- Re-position and re-size thumbnails and sub-windows for maximum efficiency.
- Supercharge your KVM system and access full, robust, virtual control from anywhere on the network.
- Operate one workstation while simultaneously monitoring other workstations on a single display.
- Create, save, and instantly recall up to 99 customizable layouts to meet multiple operators’ work requirements.
SCALABLE, REAL-TIME THUMBNAILS
View and control multiple computer systems, simultaneously, in real-time, on one display canvas.

SCALABLE LIVE SUB-WINDOWS
Magnify any portion of the input thumbnail; create one live, controllable, sub-window per input system.

OPERATOR CUSTOMIZABLE LAYOUTS
Create, save, and instantly recall up to 99 customized layouts, to meet multiple operators’ needs for various workload scenarios.

KVM INTEGRATION
Enhance any KVM system by connecting the pro-xi unit to the matrix and accessing full, robust, virtual control from anywhere on the network. A single operator to simultaneously monitor and control dozens to hundreds of inputs, using one keyboard and one mouse from one integrated workstation, no longer constrained by traditional KVM systems, where the operator can manage only one system at a time.

VIDEO SUPPORT
Support any output resolution, from 640x480 to 2560x1600, and up to 2048x1536, from incoming computer systems (over 140 resolutions).

DUAL-OPERATOR CONTROL
Share control of up to 8 incoming, computer systems.

AUTORES AND AUTOSENSE
Identify and sync to any incoming computer system and required resolution, automatically, without any manual configuration.

MULTIPLE-OPERATOR SHARING
Share input control with other operators all connected to a single pro-xi chassis. One operator acts as the master controller.

DUAL-HEAD SUPPORT
Scale and manage dual-head systems with or without a second output display.

VIRTUAL CONTROL ROOM
Create full, virtual control room capability, by integrating the pro-xi unit with a KVM matrix. View and control critical systems from any location on the network, without being constrained to physically relocate to the control or “briefing room.”

SELECTABLE OUTPUT ROUTING
Route a computer resource instantly to a secondary output matrix by using a customizable key-pal, while maintaining full visual control of all systems on the primary display.

UNDER MONITOR DISPLAY
Identify, which incoming system is being controlled with the mouse and keyboard with a highlighted UMD. Additionally, identify the resolution, given name, and hot key of each incoming system.

CAROUSEL MODE
Rapidly sequence control and forefront display of each input system with simple hot-key press, filling available space or filling entire screen.

HEALTH MONITORING
View real-time health status of all essential system components, including power sources, fans, card temperatures and voltages.

TEST PATTERN GENERATOR
Validate functionality and quality of the monitor(s) connected to the chassis.

REAL-TIME CLOCK
Sync the system real-time clock to NTP source via the network.

HIDE AND REVEAL THUMBNAILS
Hide or reveal any incoming system instantly to avoid unauthorized individuals from viewing sensitive information.

FRAME GLOW
Highly-visible LED indicator offers at-a-glance frame status and warnings.

INTEGRATE > THE PRO-XI WORKSTATION INTEGRATOR IS DESIGNED TO MONITOR, CONTROL, ORGANIZE, AND DISPLAY CRITICAL INFORMATION FROM MULTIPLE SYSTEMS IN A WAY THAT ENHANCES OPERATIONS PERFORMANCE AND OUTPUT IN CONTROL ROOMS AND OPERATIONS CENTERS.
SERIES 100 PRO-XI SPECIFICATIONS

MECHANICAL

- Height: 5.25" (13.34cm) 3RU
- Width: 17" (43.18cm) chassis 19" (rack mount standard)
- Depth: 19.5" (bezel - latch)
- Weight: 42 lb.

ENVIRONMENTAL

- Operating Temp: 10-40 degrees C
- Humidity: 0-90% (non-condensing)
- Input Power: Dual redundant power sources
- Input Voltage: 100-240 VAC (dual redundant power supplies)
- Line Frequency: 50-60Hz

INCOMING SYSTEM CARD (ISC)

- Ports: DVI-I Single/Dual Link female (HDMI and VGA), 2x USB Type B, 3.5mm Stereo Audio
- Power Consumption: 2048X1536, No HDCP, 24 VA max (Exact figures pending)
- Max # of cards: 8, Hot-swappable

VIDEO OUTPUT CARD (VOC)

- Ports: DVI-D Single/Dual Link female (HDMI with adapter), 2560 x 1600
- Power Consumption: 21 VA max (Exact figures pending)
- Max # of cards: 2, Hot-swappable

CONTROLLER CARD (CTC)

- Ports: Ethernet RJ45 CAT5 female, 10-100 Mb/s, 24 VA Max, 3.5mm (TRS) female, Three USB type A female

SERIES 100 PRO-XI RESOLUTIONS

OUTPUT RESOLUTIONS

- 1920 x 1080 @ 60 Hz
- 1920 x 1200 @ 60 Hz
- 2048 x 1152 @ 60 Hz
- 2048 x 1280 @ 60 Hz
- 2048 x 1536 @ 60 Hz
- 2560 x 1440 @ 60 Hz
- 2560 x 1600 @ 60 Hz

INPUT RESOLUTIONS

- 640 x 480 @ 60 and 75 Hz
- 800 x 600 @ 60 and 75 Hz
- 1024 x 768 @ 60 and 75 Hz
- 1280 x 800 @ 60 and 75 Hz
- 1280 x 1024 @ 60 and 75 Hz
- 1600 x 1200 @ 60 Hz
- 1680 x 1050 @ 60 Hz
- 1920 x 1200 @ 60 Hz
- 2048 x 1536 @ 60 Hz

*Contact Ross for additional resolutions

NETWORK CONNECTIVITY

- Ports: RJ45
- Protocol: TCP/IP, UDP/IP, Ethernet

- **PRO-XI WORKSTATION INTEGRATOR REQUIRES ABSOLUTELY NO CHANGES TO THE SYSTEMS BEING MONITORED AND CONTROLLED.**
- **THE STANDARD PRO-XI UNIT COMES READY TO INTERFACE WITH EIGHT SEPARATE, DISPARATE, INCOMING SYSTEMS AND CAN DRIVE TWO, OUTPUT MONITORS.**
- **YOU CAN CONNECT THE PRO-XI UNIT TO A KVM MATRIX, AND THEN POPULATE THE PRO-XI INTEGRATED WORKSTATION WITH ANY EIGHT OF THE CRITICAL COMPUTER SYSTEMS CONNECTED TO THE MATRIX.**

**CONQUER CHAOS™**

**HOT-SWAPPABLE MODULES**

**MISSION-CRITICAL ROBUST DESIGN**
Ross Video has a complete range of technical services available to ensure that your pro-xi workstation integrator installation is a success.

**Operational Training** can be provided at Ross Video, on-site or on the web. Experienced Ross operators will teach your staff to get the most out of your new system, and enhance your control room operations.

**Commissioning** is a service to help get your workstation integrator properly configured, connected and installed. This service is performed by factory trained Ross technical staff.

**Technical Training** can be provided at Ross Video, on-site or on the web. Technical training will teach your engineering staff the technical details of the system you have purchased. System configuration, interfaces, databases, and routine maintenance procedures are some of the topics covered.

The pro-xi™ workstation integrator comes standard with a 1 year comprehensive warranty. **Extended Warranties** on hardware and software maintenance are available for an annual fee.

Technical advice is available on-line, by telephone, or email to Ross Video – **Included for the life of your system.**