

openGear 3.0

openGear® 3.0

OG3 High Density Modular Frame

High Power, High Speed, and Unsurpassed Flexibility.

openGear® 3.0 is the evolution of the industry's first and only open hardware and software platform. The next generation openGear® frame, OG3-FR combines function, flexibility and power with advanced features like high powered 450 watt redundant power supplies, Gigabit Ethernet access to every card slot, 20 openGear® card slots, dedicated 21st and 22nd card slots for network control and internal reference distribution, and a front LCD display for easy frame, IP address and fault identification.

Features

- Robust 450 watt power supply with integral cooling
- Standard Ethernet connectivity
- Optional advanced Ethernet based frame controller with GigE to every slot
- Optional SNMP control and monitoring
- 2RU frame houses up to 20 openGear® cards
- Supports any mix of analog, digital, video and audio modules in the same frame
- Modular I/O panels for connector flexibility
- Removable front door for easy fan servicing
- Front LCD display for name, IP and fault identification
- 2 independent looping references with connection to each card slot
- Optional redundant power supply, hot-swappable for 24/7 operation
- 5-year transferable warranty



Superior flexibility, power and control from the 3rd generation of the openGear® platform. The broadcast world's first and only open-hardware platform, and your platform of choice for your broadcast infrastructure needs.



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DashBoard

DashBoard Network Control and Monitoring

The DashBoard Control and Monitoring System is a free application, available on the Ross Video website, designed for remote control and monitoring of the open architecture, openGear® platform.

openGear® 3.0 and DashBoard v6.0 combine to give you unparalleled, flexible control over openGear® products. All openGear® solutions can be controlled using DashBoard without the need to upload custom GUIs or install proprietary software.

Panel Builder

Panel builder allows users to create custom control interfaces with any combination of openGear® control and monitoring parameters from any combination of openGear® cards and frames. Users can build graphical navigation layouts based on signal flow or equipment location for efficient device and signal monitoring. Custom control panels layouts can provide user, or function specific control windows for specific events or situations that require quick access to various parameters from multiple cards.

Features

- Create custom control layouts
- Group various controls together from multiple products
- Create graphical navigation layouts

Advanced Tree View

DashBoard Enhanced Viewing Plug-in allows for customized views of more complex systems. Custom folders can be created and any device from any frame can be dragged and dropped into the folder to represent logical system functions. Alarming of devices follow with the logical views making identification of critical issues easy to isolate and identify.

Features

- Quickly identify critical alarms
- Locate specific cards in a particular signal path quicker
- Group specific cards together for simplified maintenance when performing batch upgrades and configurations

More Than Just openGear®

DashBoard's unsurpassed power comes from its ability to go beyond openGear® control. Now used as a primary control system for Ross Video's NK Routing Systems, Black Storm Video Servers, and Carbonite Live Production Switchers, DashBoard offers a common control and monitoring platform for a range of Ross Video products.

openGear® connect takes DashBoard even further with the ability to integrate 3rd party web interfaces right in DashBoard.

Highlights

- Control and monitor the Infrastructure product line
- Live production control with Carbonite's LiveAssist™ and BlackStorm Video Server Control
- Control and monitor across the entire openGear family of products
- Store and access web GUIs for any 3rd party device



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