

Panasonic **CONNECT**



## **KAIROS** *More than a Switcher*



*An IT/IP video processing platform with the powerful capabilities for all your live worship productions*

**KAIROS**  
Incredible Productivity

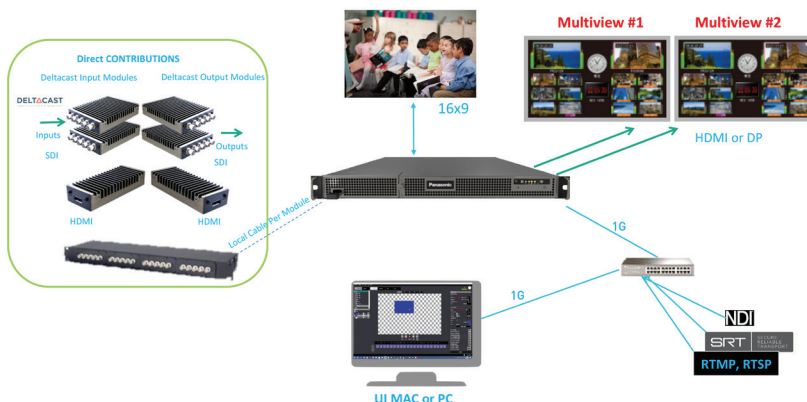
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Creating compelling worship experiences requires a combination of inspiration, creativity, flexibility, and the right equipment. With the network connectivity of the KAIROS IT/IP video processing platform, and creative flexibility of KAIROS Creator (GUI software), equip your tech team to quickly adapt to changing environments and requirements. This software-based platform provides a central control and processor that multiple GUI control instances can connect to, virtually interface with any source's native format. With KAIROS, you can manage a changing array of screens with as low as a single-frame latency, helping you create a meaningful worship experience just as it was imagined.



## Single Location

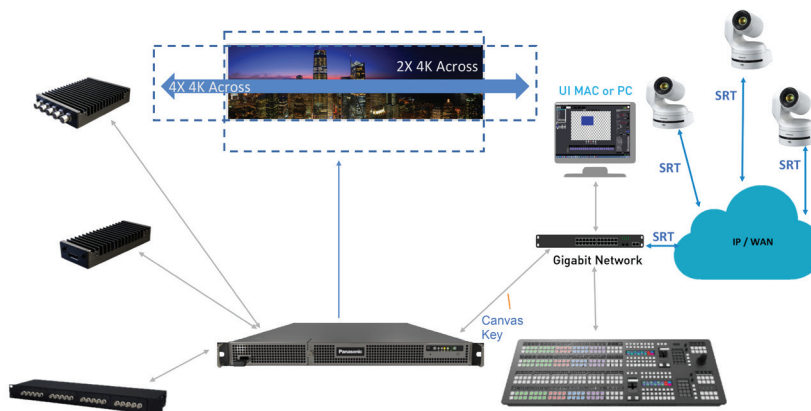
Direct I/O, Streaming (SRT, NDI, RTMP, & RTSP), No Control Panel



The perfect system for a church with a large main sanctuary with multiple screens for IMAG and other video needs throughout the building. In addition to the main sanctuary, KAIROS can feed screens in numerous locations, from monitors in the lobbies and auxiliary rooms, for immersive motion graphics for projection, and for video streaming to multiple CDN or Facebook Live. The system is built around the KAIROS Core 100 switcher/mainframe/server (KC100) utilizing a powerful GPU for video processing and baseband input modules for 24 baseband input sources (option for 32).

## Single Location with Canvas Option

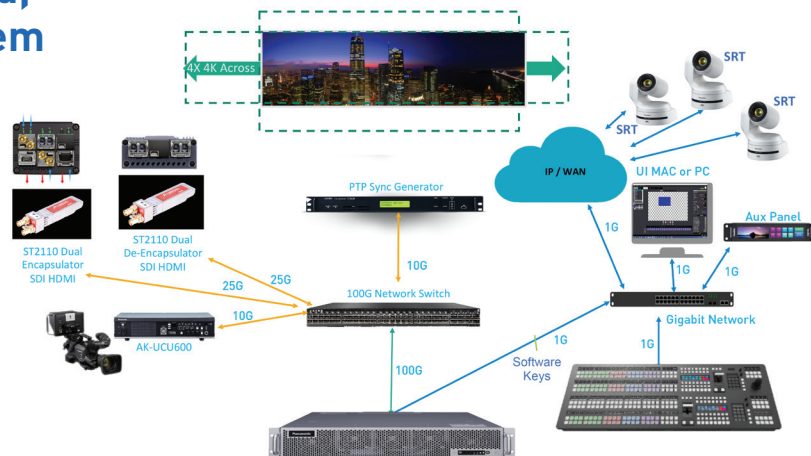
Direct I/O, Streaming (SRT, NDI, RTMP, & RTSP), with Control Panel, Canvas Key



The perfect system for a church with a large main sanctuary with multiple screens for IMAG, high resolution LED or monitor walls, and a professional control room servicing other video needs throughout the building. In addition to the main sanctuary, KAIROS can feed screens in numerous locations, from monitors in the lobbies and auxiliary rooms, for immersive motion graphics for projection, and for video streaming to multiple CDN or Facebook Live. The system is built around the KAIROS Core 100 switcher/mainframe/server (KC100) utilizing a powerful GPU for video processing and baseband input modules for 24 baseband input sources (option for 32).



## Fully Networked, Multi-Site System



This system is perfect for a growing campus facility with multiple screens for IMAG, high resolution LED or monitor walls, and one or more professional control rooms servicing other video needs throughout multiple buildings across a campus. In addition to the main and secondary sanctuaries, KAIROS can feed monitors in lobbies and auxiliary rooms, for immersive motion graphics for projection, and for video streaming to multiple CDN or Facebook Live. It's a KAIROS system ready for future expansion.



The system features the powerful, enterprise-grade KAIROS Core 1000 switcher/mainframe/server (KC1000), which steps up the processing performance, effectively doubling the number of layers possible with the KC100. Additional layers can be used for the aggregate output content. KC1000 also expands the HD and 4K inputs/outputs with standard 4K support. Ideal for mixed HD/4K environments.

### KEY BENEFITS

- Canvas option to feed monitor walls, edge blended projection or LED walls with the ability to manage bezels or projection overlap
- KAIROS Control can operate robotic camera systems, lighting or any other system accessible on the IP network in addition to switcher operation familiar to any experienced TD
- Latency as low as a single frame and not more than three frames
- Transitions, keys, picture in picture, graphics, recorded clips and titles can all be layered in any output (like building an image in photoshop)
- KAIROS Creator GUI software application (on a PC or Mac) is intuitive and be easily mastered by a professional or a volunteer
- Up to twenty independent output sources in 1080p or five UHD
- Baseband, SDI, HDMI & DisplayPort inputs and outputs (configurable)
- Two NDI inputs and eight streaming input sources
- 100G Network connection to ST 2110 network, capable of distributing multicast inputs and outputs throughout campus via single mode fiber over 25Gb or 100Gb data connections & COTS switches
- Simultaneous streaming, NDI & baseband, & ST 2110 in/out

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**Related AV Solutions** Panasonic also offers the worship community a comprehensive portfolio of professional imaging and visual systems products, solutions and professional services for a wide range of venues.



Studio Cameras



VariCam LT  
Cine-Live Camera



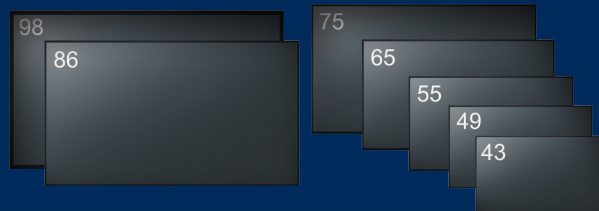
4K & HD PTZ Cameras



TecnoPoint Robotic  
Camera Systems



Laser & LCD Projectors



Professional Video Displays



Tekskil Integrated  
Prompter System



At Panasonic, we provide custom services to meet your needs. We are focused on creating value-added enhanced services and extended warranty options to support you throughout your entire business.

For more info on KAIROS and other Panasonic professional products, visit **[business.panasonic.com/products-professionalvideo](https://business.panasonic.com/products-professionalvideo)** or contact Panasonic at **877.803.8492**