

SGI® Command Center

State-Of-The-Art Command and Control Facility for Supporting Crisis Centers, Situation Monitoring, Plant Process Observation and Defense C3I Functions

Features

- Self contained, multi display unit
- High brightness and 2560 x 1024 pixel resolution
- Optimal edge-matching and geometric accuracy
- Active 3D stereoscopic display
- Compatible with multiple concurrent display sources
- Supports multi site collaboration
- Flexible video and communications interface

Benefits

- Unparalleled image quality for better decision making
- Ability to view massive amounts of data
- Separate, side displays to view data from multiple sources
- Pre-assembled for simple and fast installation
- Minimal facilities impact

Displaying Complex Data as Critical Information for Effective Decision Making

With information comes power and the ability to make more effective decisions, more quickly and with greater confidence. This philosophy is applicable across multiple industries, from commercial entities to government and defense. With the SGI Command Center system, organizations are empowered with the ability to visually represent data, thus turning data into information and information into the knowledge required for making critical decisions.

With the current data explosion, vast amounts of complex information have been captured and the need to visualize that data has grown. Organizations are faced with the need for a system that can visualize data with detailed, accurate and distortion free images, as well as project supplemental data from disparate locations and sources in a single area. SGI Command Center provides these display capabilities. The system includes a large center display with advanced brightness, resolution and geometric accuracy to project graphically rendered key relationships within the data in stereo 3D. Additional information can be displayed on the large LCD panels and monitors on both side wings. To further enhance decision making, near real time, simultaneous access to the current common picture allows for collaboration with other sites.

State-Of-The-Art Design

SGI Command Center is a self-contained, freestanding unit that does not require room modifications for installation. The system occupies an area approximately 23 feet in length, 100 inches in overall depth and 94 inches in height once it is assembled, and set-up is usually completed in one day.

Seven integrated display units make it possible to view data from a variety of low and high bandwidth inputs. The SGI Command Center main screen is a two channel edge-matched display which produces an overall image size of 149.6 inches by 59.8 inches and 2560 x 1024 resolution. Auxiliary information supporting the decision process can



SGI®
Command
Center



SGI Command Center

also be simultaneously displayed on the 40-inch and 19-inch LCD displays included with SGI Command Center. Two 40-inch diagonal LCD displays are mounted, one on each wing wall. The 40-inch LCD displays have a 1280 x 768 resolution and a contrast ratio of 600:1. Four 19-inch diagonal LCD displays are mounted below the 40-inch large-screen LCD's, two on each wing wall. The 19-inch LCD displays have a 1280 x 1024 resolution and a contrast ratio of 500:1.

SGI Command Center has several input sources to visualize and analyze various forms of information. Input sources include a PC computer, multi-regional DVD player, worldwide 4-Head Hi-Fi VCR and two HDTV tuners/receivers for the reception and display of up to two broadcast programs for current local, national or world news.

Other components of SGI Command Center include an integrated audio system, teleconferencing system, touch panel control system for simple user interface, matrix and video switchers, and the ability to overlay multiple video/data windows within the main display. The system also includes a Windows® PC that functions as a system controller and an application server for Windows based applications.

With a battery UPS and military grade, rugged design, SGI Command Center provides a long lifetime, stable image alignment, resistance to normal room dust and debris and consistent uptime.

Leading Visualization Solutions

Our clients and partners recognize SGI as the premier provider of advanced visualization technologies. Our best-of-breed solutions combine industry leading computer and display systems, installation and post-implementation customer support. As the originator of the Reality Center® concept, we apply proven methodologies, cutting-edge technology and the industry's greatest experience to make our customers' collaborative visualization goals a reality.

SGI Technology Solutions

SGI Technology Solutions are empowering a world of innovation and discovery by providing top-performance systems, solutions, and services to the world's leading technical and creative users. With exceptional expertise in high-performance computing, advanced visualization, and storage, our specialists have the resources and skill sets to architect, implement, and support the most effective technology solutions for the 21st century. SGI offers a range of complementary services for SGI Command Center, including relocation of your SGI® systems with SGI Deployment Services.

SGI Command Center Supports a Wide Range of Industries and Applications

From homeland security and military planning to immersive training, simulation and any applications requiring the visualization of large and complex data sets, SGI Command Center converts data into critical information that fosters timely, effective and accurate decision making in the following industries:

- Government and Defense
- Life Sciences
- Energy
- Manufacturing
- Media

To Learn More

Contact your local SGI sales office to learn more about the SGI Command Center, and how SGI Technology Solutions can help you accomplish your technology goals and optimize your technology investment.

| | | |
|--|--|---|
| Center Screen Image <ul style="list-style-type: none">• Center screen display size: 150"x 60"• Projection system: Barco Galaxy WARP™ stereo DLP projectors• Resolution: 2560x1024 pixel resolution• Contrast ratio: 1000:1• ANSI Lumens: 5000 | Physical and Electrical <ul style="list-style-type: none">• Footprint: 275.5"(W) x 94"(H) x 98.6(D)• Line frequency: 50-60 Hz• Current rating: 38.6 A @ 120 V and 14.8 A at 230 V<ul style="list-style-type: none">- 2 each 110 V 15 A- 1 each 110 V 20 A- 2 each 220 V 20 A• Optionally, power can be provided as 220 V 100 A single phase• Heat dissipation: 27406 BTU/Hour | Available Additional Inputs and Outputs <ul style="list-style-type: none">• 8 Analog Video 5 wire RGBHV Inputs• 3 Stereo TTL Sync Input• 3 Pairs PS2 Keyboard/Mouse ports• 2 RS232 DB-9 communication ports• 4 Analog Video 5 wire RGBHV Outputs |
|--|--|---|



Corporate Office
1500 Crittenden Lane
Mountain View, CA 94043
(650) 960-1980
www.sgi.com

North America 1 (800) 800.7441
Latin America (52)5267.1300
Europe (44)118.925.75.00
Japan (81)3.5488.1811
Asia Pacific (67)6771.0290