sgi®

SGI® Solution for Console Server Management

A Comprehensive and Effective Solution to Monitor and Manage Your Compute Environment

Features
- Combined hardware, software, and support in one package
- Two packages for single or multiple server management solution
- Best-in-class SGIconsole™ software suite for graphical monitoring, data interpretation, and multi-server management
- Expert configuration and integration with your SGI® systems

Benefits
- Comprehensive and low-cost solution to monitor and manage servers
- Secure remote management of SGI servers in a rack-mount form factor
- Access console and system controllers in system-down situations
- Effective alternative to managing systems in Classified or Secure Sites

A Comprehensive Server Management Solution
Space is always a premium in every server room. No longer is the traditional set up of one console monitor and keyboard for every server acceptable. In addition, the console must be more than an ASCII-based terminal. It needs to be more functional, secure and compact.

SGI Solution for Console Server Management offers two complete packages that include the hardware in a 1U rackmount tray, console software, support, and expert on-site installation – one package designed for management of a single server and another that includes the SGIconsole software for the intelligent management of multiple heterogeneous systems.

Efficient and Reliable Administration Tool
The console provides the operator interface to the system. The operating system and system utility programs display error messages on the system console. This same information can be seen from a text-based window of another system except when the machine cannot be reached over the network.

SGI Solution for Console Server Management is a valuable tool to help maximize system uptime by allowing the system administrator to intervene remotely thereby minimizing operating costs by reducing onsite support time. With the solution, you can power up, down or reset a machine remotely, make numerous connections to any one system, and perform node and task privileges for the console user – as if the server is right in front of you.

The SGI Solution for Console Server Management is especially valuable for engineers tasked to diagnose a failed system in secure or classified areas where movement of hardware for testing is restricted. Organizations receiving support from various vendors benefit by having a permanent console system, with the latest SGI-released binaries, integrated in the same rack as the servers.

Console Designed to Fit Your Requirement
SGI's world-class Technology Solutions experts will assess your business and system requirements and recommend a solution that's right for you. The base console package, designed for single-server management, includes:

- Site evaluation and assessment
- A laptop with a minimum of 256M Memory, HD, 2 Ethernet ports, USB and Serial port, lock, and 3-year next-business day support
- 1U slide out rack tray and communication cables
- On-site integration of the console hardware onto existing rack and connection to the SGI system.
- Installation and configuration of the console software
- Knowledge transfer of the SGI Solution for Console Server Management including basic administration of the solution and a review of all configuration files and deliverables provided

SGI® Solution for Console Server Management

Manage Multiple Servers with the SGIconsole Software

For complex, heterogeneous compute environment, the SGIconsole software adds the intelligence and sophistication to the base SGI Solution for Console Server Management.

The SGIconsole is a powerful, easy-to-use, central control console software that enables you to manage and monitor multiple servers throughout your computing environment, whether those servers are located at one site or around the world. With the SGIconsole software and the base Solution for Console Server package, you can manage partitioned systems and large, single-system-image servers, legacy and Silicon Graphics® graphical servers running the IRIX® or Linux® operating system through a graphical interface (GUI) which logs all commands that it runs, providing a record of GUI activities for administrators to use for later reference.

In addition, SGIconsole comes equipped with Performance Co-Pilot™, software that adds system-level monitoring support of:

• system hardware
• operating system software, including the kernel
• layered services (as provided by SGI, ISVs and local infrastructure applications)
• end-user applications (in particular those with mission critical objectives)
• network distributed solution architectures that involve multiple hosts (client-server, federated servers and more.)

A Smooth, Cost-effective Implementation

Experience SGI's commitment to customer satisfaction and quality service with each SGI Solution for Console Server Management. SGI configures the console software and integrates the hardware in to your existing server rack to ensure an ergonomic positioning and fit into your compute system. We work closely with your personnel to ensure a fast and accurate implementation without disruption to your normal business processes.

SGI Managed Services

SGI Managed Services includes a broad range of product-focused services to maximize system performance and accelerate productivity. Services include hardware installation, system deployment, implementation, and on-site and remote system management. Each service is delivered by an experienced SGI engineer.

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 the management of complex data, our specialists have the resources and skill sets to architect, implement, and support the most effective technology solutions for the 21st century.

To Learn More

Contact your local SGI sales office to learn how SGI Technology Solutions can help you accomplish your technology investment.

More Managed Services from SGI

Implementation
• IRIX System Implementation
• SGI Network and Interoperability Implementation
• IRIX Upgrade Implementation
• SGI® Implementation of Legato NetWorker®
• SAN and CXFS™ Implementation
• Data Storage Implementation
• UPSafe® Implementation
• High-Availability Software Implementation
• MediaBase Implementation
• SGI Media Server™ Implementation for Broadcast
• Linux® System Implementation
• ESP System Group Manager Implementation
• SGI Solution for Console Server Management

Deployment
• Hardware Installation
• Deployment Services

System Management
• IRIX On-Site System Administration
• IRIX Remote System Administration
• Linux On-Site System Administration
• Linux System Tuning
• Performance Monitoring Service