

Secure and Flexible Remote Access to Industrial Devices



The SiteManager Soft is one of the off-the-shelf components in Remote Device Management Solutions from Secomea.

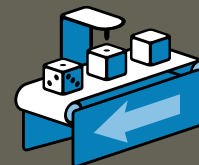
The SiteManager Soft is a Windows application that runs integrated with VMWare™. Like the hardware-based SiteManager, it works with GateManager and LinkManager to ensure secure access to remote devices over the Internet or private WAN, relying on the host PC to establish connections.

The unique Device Agents and Relay Services support bi-directional communication between device and the Management System. This avoids complicated routing issues.

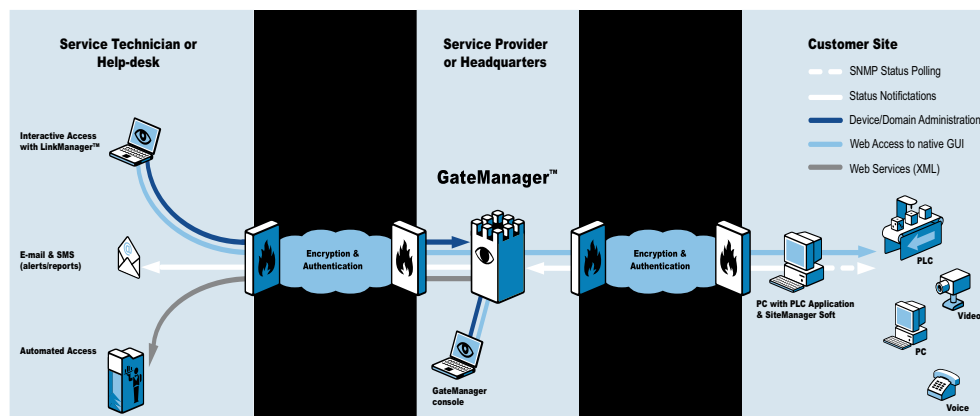
The SiteManager Soft provides high availability over any uplink media, and will utilize any Internet attachment method used by the Windows PC to obtain and maintain a permanent connection with GateManager.

The SiteManager Soft is also available with an off-the-shelf hardware component with UMTS/GPRS option (SiteManager).

- Remote Management of the SiteManager Soft and its monitored devices via GateManager and LinkManager
- Unique system of Agents to create full compatibility with monitored devices
- Bridging between devices and dedicated Management Systems
- AES and x.509 certificates for maximum security
- Easy and secure uplink access
- User-configurable alerts for uplink and device status monitoring
- Alerts can be sent via email to service center
- Read more about the GateManager on the GateManager product data sheet
- Read more about the LinkManager on the LinkManager product data sheet



Technical Specifications



The figure shows the data flow to and from the management system and the devices. All data flows through the GateManager™. Each component sits behind a powerful, state-of-the-art firewall and the data traffic is protected using AES encryption technology. The GateManager™ can submit alerts and reports to an e-mail address, via SMS to a mobile phone and/or to back-end application web service addresses.



System requirements for hosting PC

- 500-1000 MHz CPU power (Intel x86 or compatible)
- 128 Mb free physical RAM (recommended min. total 512 MB)
- Ethernet card with Windows driver installed and attached to a network with a DHCP server
- VMware Server minimum 1.0 or VMware Player version 1.0.x (free 3rd party virtualization application that SiteManager runs on)
- Any version of Microsoft Windows supported by VMware Server/Player, for example Windows XP SP2, Windows 2000 SP4, Windows 2003

Networking Capabilities

- Choice of Uplink IP-assignment mode - DHCP client, PPPoE client, manual/static
- 10 IP Aliases
- Relay Services (Server Relays and Device Relays)
- Web Proxy Relay Service

Agents

- Embedded GateManager™ agents for IP device status and Uplink monitoring (Management System availability). Currently available types are Ping (IP probe), PC (VNC), MS RD etc., HTTP/HTTPS (web), SNMP
- GateManager™ "Go to Appliance" via HTTP (browser) etc - proxied access to the monitored device's native management interface
- Additional generic Agent Types are added on a continuous basis (Voice, Video, IP, PLC, PC)
- Completely customized Agent Types with GateManager™ plugins for specific device models and brands can be developed (contact Secomea Sales for more information)

Monitoring and Logging Features

- Status overviews: System (basic and extended), Relays, Interface status (incl. network statistics, ARP entries)
- System log with optional System Watchdog.
- Optional inclusion of debugging information in System log
- Search and filtering facilities in System log.
- GateManager Console
- GateManager Alerts (to e-mail, SMS; management system) and Alert Log for the SiteManager and Agents

Configuration and Management

- Easy installation and management as applications on VMWare
- Configuration and maintenance of the SiteManager via browser (HTTPS/SSL - local or remote) - and proxied via GateManager's secure "Go to Appliance"
- Firmware upgrade via web browser or from GateManager™
- Configuration backup management (via GateManager™) including scheduled backup
- Configuration export and import (XML)
- Push configuration changes from GateManager™
- Network Time Protocol (NTP)
- Ping/Traceroute Tool for troubleshooting
- Extensive online help

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SiteManager SOFT

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