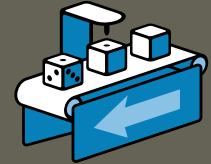


Secure High-Availability Remote Access to Industrial Devices



The SiteManager 3034 and 3134 appliances are off-the-shelf components in the Remote Device Management Solutions from Secomea.

With the integrated 4-port switch and DIN mountable, it is ideal for use in all machine control panels, from single machines to a complete production lines, where wired broadband is available.

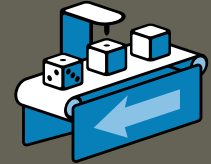
- Built-in default serial and ethernet templates for all major PLC, Servo and HMI vendors
- Automated templates for video, voice, PC and SCADA systems
- Firewall Friendly communication
- Easy on-site deployment and remote maintenance
- Built-in Firewall, AES and x.509 certificates for maximum security
- Local web server for audit and control
- No requirement for public or fixed IP address
- Typically no need to re-configure the local PLC with gateway address etc.

Combined with Secomea's GateManager and LinkManager, SiteManager ensures unified, uninterrupted and secure access to remote devices.

- Remote Management of the SiteManager™ 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
- Support for both IP and Serial connected industrial devices
- User-configurable alerts for uplink and device status monitoring
- Alerts can be sent via email to service center
- Read more about GateManager™ on the GateManager™ product data sheet
- Read more about LinkManager™ on the LinkManager™ product data sheet

SiteManager

secomea



Unique Specifications

EasyStart (Appliance Launcher) Enabled

The EasyStart Appliance Launcher is Secomea's setup wizard program which makes it easy to make initial contact to and configuration of Secomea SiteManager appliances. The EasyStart Appliance Launcher is delivered free of charge.

GateManager™ Enabled

GateManager™ enabled for easy, centralized configuration, backup, monitoring and access for remote service and maintenance of Secomea SiteManager and industrial devices. The GateManager is available both as a hosted service and as a stand-alone software package.

LinkManager™ Enabled

The LinkManager is a one-step installation Windows application that runs on the support engineer PC. Working with GateManager™ it provides secure on-demand access to remote devices through the SiteManagers. Once connected, it makes the remote device appear to the field engineer as if the Windows PC was connected directly to the device. So with LinkManager, any remote device is just a few mouse clicks away.

State-of-the-Art Security

The SiteManager solutions are using state-of-the-art security standards. This includes a built-in stateful Inspection Firewall, authentications using x.509 digital certificate and encryption using the strong AES standard with up to 256-bit.

Firewall Friendly

The end-user network security is priority number 1. With the SiteManager and the security standard that this includes, it is important that end-user do not need to compromise their own corporate security standards. Therefore all communication is encrypted, even when using port 80 from the inside and out.

Local Management

The SiteManager has a local web-server, which enables any remote access and access rights to be controlled locally. On top of this, all traffic through the SiteManager is logged, stored and available in the SiteManager itself.

PLC / HMI / Servo Ready

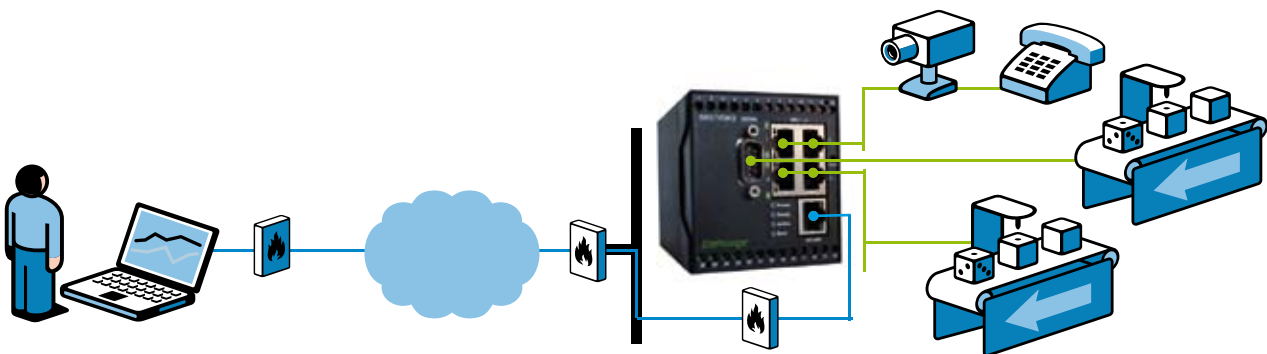
Avoid all the hassle with equipment requiring different ports. All traffic is encapsulated in e.g. port 80. With the SiteManager's preconfigured built-in agents for all major PLC / HMI / Servo manufacturers, it is as easy as it sounds.

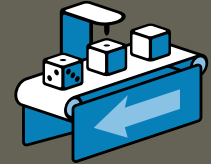
Remote PC Ready

The SiteManager has built-in preconfigured agents for remote PC using VNC and RDP. In addition to this, it is possible to customize an agent for other requirements.

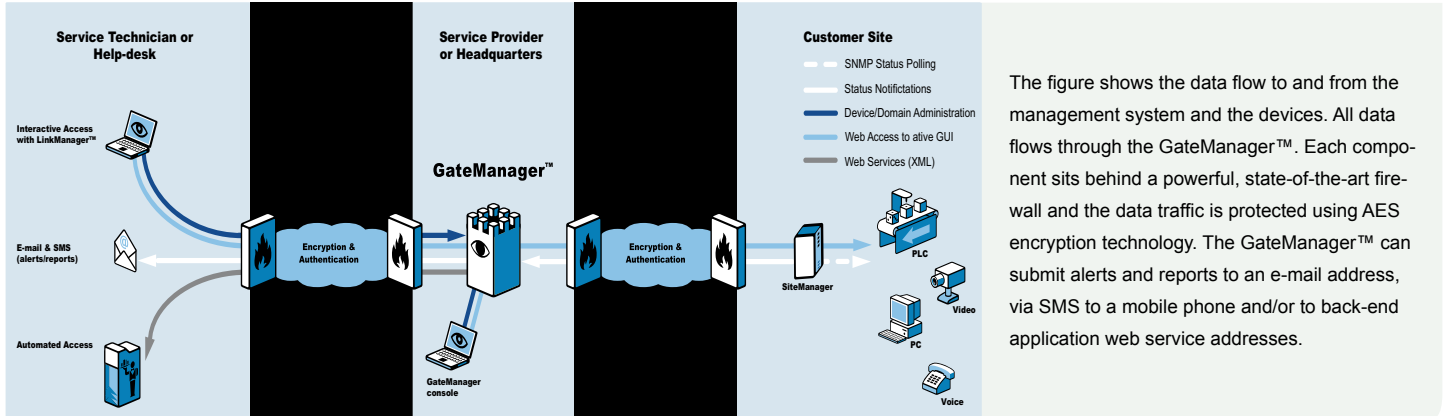
Voice and Video Ready

The Remote Device Management solution supports VoIP and Video. Designed agents are available in the SiteManagers as an easy option for adding new services and possibilities to remote service and support.





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.



Hardware

- 166 Mhz CPU
- Input 10 - 60 V/DC
- Approvals
 - CE
 - CCC
 - Veritas
 - GS (and more)
- Emissions
 - EMC approved
 - Declarations CE
 - EN55022 Class B
 - EN61000
 - EN60950
 - FCC Class A
- Operating temperature: -20° - +55C°
- Dimensions, unpacked: 70x110x70 mm, 260 g

- Dimensions, packaging incl.: 23x15,5x9 cm, 520 g
- Network Interfaces: 5 x 10/100 Mbit Ethernet (UPLINK, DEVI, DEV2, DEV3, DEV4) - RJ45 connection
- DB9 RS232 Serial port
- 1-year Warranty

Networking Capabilities

- Choice of Uplink IP-assignment mode - DHCP client, PPPoE client, manual/static
- Telnet to Serial routing (rfc2217)
- DHCP server on Device LAN with support for DHCP

Monitoring and Logging Features

- System log with optional System Watchdog
- Central log via GateManager™
- GateManager™ Alerts (to e-mail, SMS; management system) and Alert Log for SiteManager™ and Agents

Configuration and Management

- EasyStart (Appliance Launcher) for easy initial contact and connection to GateManager™
- Configuration and maintenance of SiteManager™ via browser (HTTPS/SSL - local or remote from GateManager™)
- Configuration backup management (via GateManager™) including scheduled backup and fast hardware replacement (cold backup)
- Configuration export and import (XML)

Vital statistics	SiteManager 3034	SiteManager 3134
Concurrent users (LinkManagers)	10	10
Number of agents (nodes)	50	5
Local web server	Yes	Yes
LED signal for Power	Yes	Yes
LED signal for GateManager connection "READY"	Yes	Yes
LED signal for LinkManager activity "ACTIVE"	Yes	Yes

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SiteManager

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