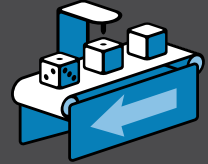# Secure High-Availability Remote Access to Industrial Devices


The SiteManager™ 3134 is an off-the-shelf component in the Secomea Remote Device Management Solution that in combination with Secomea's GateManager™ and LinkManager™ ensures unified, uninterrupted and secure access to remote devices.

The SiteManager™ 3134 is a DIN mountable appliance that installs in the machine control panel, and provides remote access to all the industrial equipment in the panel, as well as other equipment that may be accessible via one of its Ethernet ports.

The SiteManager™ 3134 establishes access to the Internet through the firewall of the existing wired network infrastructure, and for the isolated device network it features a 4 port switch, which alternatively can be configured as 4 separate device networks.

The SiteManager™ 3134 includes I/O ports for attaching to PLCs or HMIs for controlling remote access or for submitting alarms via the GateManager.

- The SiteManager™ itself and its monitored devices are all centrally managed and accessible from the GateManager Server.

- Built-in serial and Ethernet access agents for all major PLC, HMI and Servo vendors in the market, as well as agent templates for video, voice, PC and Scada systems.

- Firewall friendly communication uses standard web protocols, and only inside-out.

- No requirement for public or fixed IP address. SiteManager is by default DHCP enabled. No need to re-configure PLC with gateway address etc.

- Can operate as carrier of alarms, email alerts etc. between devices and central logging servers over the Internet.

- Built-in firewall, AES and x.509 certificates for maximum security

- All configuration, firmware and feature upgrades is done remotely through an intuitive web GUI

- Support for both IP and Serial connected industrial devices (including Siemens PPI and MPI)

- User-configurable email alerts for status monitoring, and configurable I/O ports for custom alarms.

- Built-in 4 port switch, which can be configured as 4 different device LANs.

SiteManager
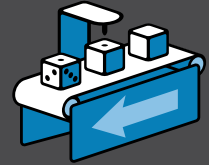
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Unique Specifications

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 and logging

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.
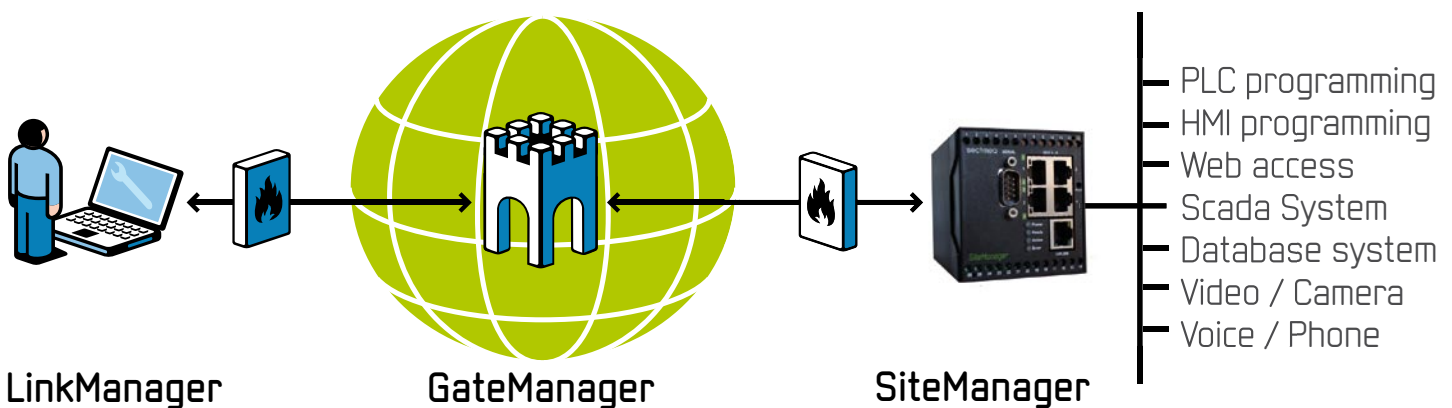
Remote PC Ready

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.
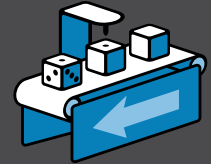
VoIP and Video Ready

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.

4 port configurable switch

The SiteManager 3134 features a 4 port switch for the device LAN, which can optionally be configured to represent up to 4 isolated LANs. This ensures that different types of equipment that are not allowed to communicate, will be completely isolated from each other.

LinkManager   GateManager   SiteManager

PLC programming
HMI programming
Web access
Scada System
Database system
Video / Camera
Voice / Phone

SiteManager

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Technical Specifications

Electrical Characteristics

- 166 Mhz CPU
- Input 10 - 60 V/DC, via screw terminals
- Network Interfaces: 5 x 10/100 Mbit Ethernet (UPLINK, DEV1, DEV2, DEV3, DEV4) – RJ45 connection with patch/cross-over cable auto-detection.
- 1 x DB9 RS232 Serial port.
- Power consumption: approx 5W
- 12 Digital I/O screw terminals via extension module

Regulations

- FCC Class A, CE
- EN55022 Class A
- EN55024
- IEC 60950

Physical Charateristics

- Operating temperature: -20° - +55C°, 0 to 95% RH (non-condensing)

- Dimensions, unpacked: 70(H) x 70(W) x 110(D) mm, 300 g
- DIN mount snap-on.
- Plastic cabinet.
- 1-year Warranty

Networking Capabilities

- Choice of Uplink IP-assignment mode - DHCP client, PPPoE client, manual/static
- Telnet to Serial routing (rfc2217)
- DHCP servers on Device LANs

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)

Partnumbers	Description
26848	SiteManager 3134 including 5 agents
26873	Upgrade to 10 agents
26874	Upgrade to 25 agents
26875	Upgrade to 50 agents
26878	GateManager settings preconfigured

SiteManager

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