CONTROL & MONITORING

A-RMS

AirSide Remote Management System

LinkManager Screenshot   SiteManager Unit

System Overview

ADB Safegate's AirSide® Remote Management System (A-RMS) provides secure remote access to ADB Safegate's Airport Lighting Control and Monitoring Systems (ALCMS and ALCMS-PLC) via the airport's secure network. Access is provided via a high-speed VPN connection device and software that allows ADB Safegate service engineers and/or airport personnel to monitor and service an airport's airfield lighting control system from a remote location.

With remote access to an airport's control system, ADB Safegate service engineers can quickly and accurately diagnose and resolve any issues that occur, often without a site visit. Airport personnel can also have remote access via a laptop for use in airfield maintenance trucks.

ADB Safegate's A-RMS uses customized versions of Secomea's SiteManager™, GateManager™, and LinkManager™ products. For a detailed description of how the AirSide Remote Management System works, see the System Overview diagram on the following page.

Features

- ADB Safegate service engineers can view the real-time status of the air-field lighting system, enabling instant support to ensure system uptime while reducing the cost of on-site visits.
- Allows ADB Safegate service engineers to service global customers 24/7/365.
- Easy to deploy and administer.
- Firewall friendly communication, uses standard web protocols.
- State-of-the-art security.

Equipment Data

Operating Temperature	-13 °F to 140 °F (-25 °C to +60 °C)
Relative Humidity	5 to 95%
Dimensions, Unpacked	107(H) × 32(W) × 97(D) mm, 450 g
Cabinet Installation	DIN mount bracket
	Aluminium Chassis
	2-year Warranty
Standards	FCC Class A, CE
	IEC 60950
	UL Listed (File #E358541)

Standard SiteManager   105A1113

Standard non-wireless version. Recommended if DHCP internet is available at any location where an ALCMS computer exists, such as a control tower.

Wireless SiteManager[1,2]   105A1113-W

Built-in wireless option that uses 3G wireless service from T-Moble or AT&T to connect to the internet. This option includes additional risk, because the location may not have a good 3G connection causing slow connections or no connection.

LinkManager Software[3]   107A0084

Works with GateManager to provide secure on-demand access to remote devices through the SiteManager.

Roaming Maintenance Laptop   44A6002-015

14" semi-rugged laptop with HD (768p) and FHD (1080p) displays.

Notes
[1] With this option the airport is responsible for the SIM card and paying the service fees.
[2] Verizon service is not supported.
[3] Limited to two licenses per customer.

SiteManager - Wired and Wireless Options

- SiteManager is an off-the-shelf component in the Secomea Industrial Communications Solution program that, in combination with Secomea's GateManager and LinkManager, ensures unified, uninterrupted and secure access to remote devices.
- SiteManager is a robust DIN-mountable appliance that installs in the control system enclosure and provides remote access to the ALCMS via Ethernet-, Serial- or USB-connection.
- The Standard SiteManager establishes access to the Internet through the firewall of the existing wired network infrastructure. The Wireless SiteManager establishes access to the Internet through the firewall of the existing wired network infrastructure, or wirelessly via the built-in 3G/GPRS modem.
- SiteManager allows on-demand connection to any Ethernet device while overcoming any potential routing or IP conflict issues. Additionally the SiteManager features static VPN powered by the unique Secomea EasyTunnel™ concept.
- SiteManager itself and its monitored devices are all centrally managed and accessible from the GateManager server, allowing for easy centralized confiuration, backup, monitoring and access for remote service and maintenance of SiteManager and devices.

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System Overview
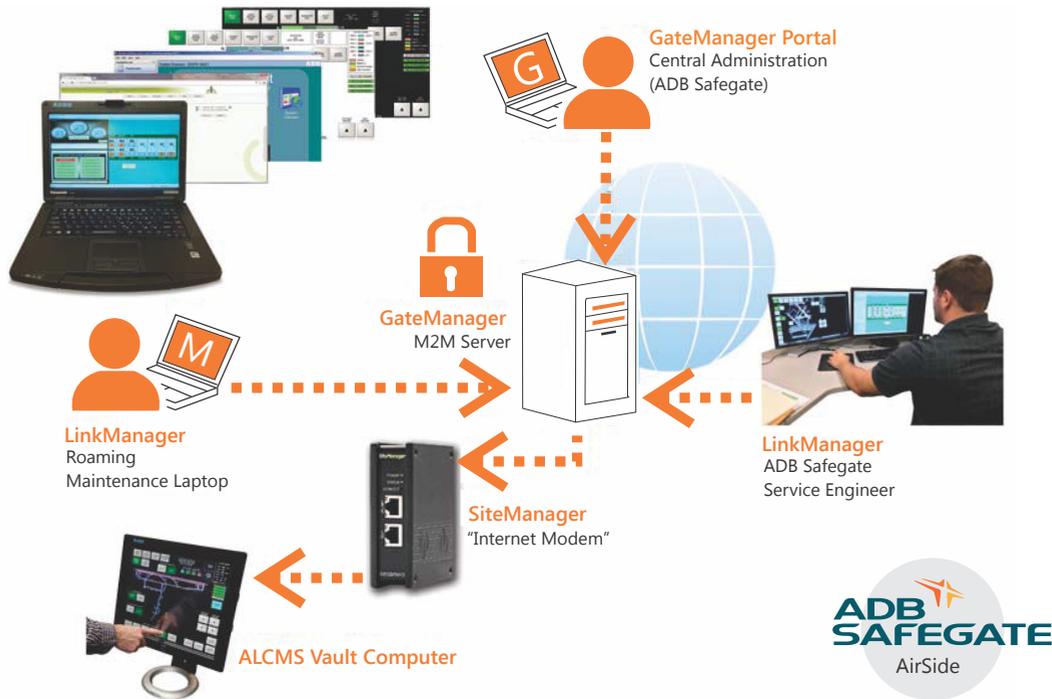
How the AirSide® Remote Management System works: An ADB Safegate service engineer installs a SiteManager unit in the airport's ALCMS cabinet and connects it to the ALCMS network via Ethernet, Serial or USB connection. The SiteManager gets access to the central GateManager server via the local airport network (hardwired) or via 3G (wireless). ADB Safegate service engineers and/or airport personnel then use LinkManager accounts via the LinkManager Web portal to remotely access the airport's airfield lighting control system.

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