

SecureSite

As part of the Kentrox site management and security solutions, SecureSite enables customers to cost-effectively and continuously monitor locations at anytime from anywhere.

Carriers manage thousands of unmanned cell sites, utilities manage equipment at hundreds or thousands of substations, corporate office buildings, and remote radio sites, and transportation companies often manage remote communications huts, along railways, for example. These unmanned and often remote locations are susceptible to theft of copper, electronics, and fuel, potentially resulting in site outages. Contracting companies may also be claiming for services rendered but which have not actually been performed.

SecureSite enables remote monitoring and storage of videos or snapshots of activity from sites. Images are sent to the SecureSite server by remote IP cameras. The video motion detection sends images only as needed. The image frequency, bandwidth, and quality are user-selectable depending on the demands of each site.

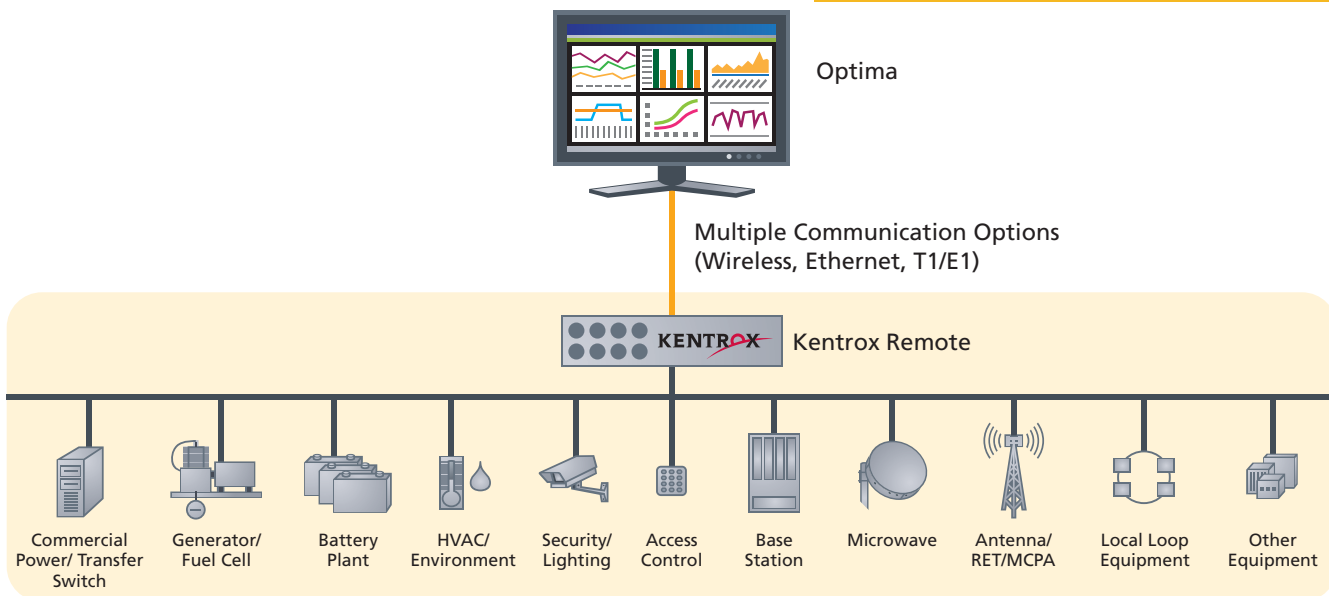
The Kentrox Remote monitoring and control device resides at the remote site. It identifies camera motion and sends an SNMP event or alert to the Kentrox Optima management or NOC-selectable system. Optima then provides the motion alarm to technicians or security personnel who can click through to the SecureSite server to view or download images. Personnel can also directly access cameras for live viewing, such as for helping to remotely troubleshoot issues when personnel are onsite.



SecureSite allows real-time viewing of site activity

SecureSite provides a scalable architecture for securely monitoring unmanned and remote sites and infrastructure. SecureSite highlights include:

- Video and image storage flexibility to obtain the images only as needed
- Image storage not required at each site
- Stored images downloadable for viewing, sharing, or archiving
- Adjustable bandwidth and motion sensitivity
- Power over Ethernet for consistent and convenient camera power



Proactively manage all critical remote site elements

SecureSite provides a scalable architecture. Because the videos and images are stored in the server, the remote site does not need a DVR or image storage capabilities. The images are stored only as desired. SecureSite provides a selectable motion detection or regular intervals. Video files are created of selected timeframes and can be downloaded for viewing, sharing, or archiving for future reference. Bandwidth and motion sensitivity are also adjustable. When using SecureSite in conjunction with the Kentrox Remote RMX-3200, Power over Ethernet provides consistent and convenient camera power so A/C power is not required for the camera.

Kentrox Site Security solution

Remote site security has gained importance for service providers due to theft of items such as copper, aluminum, pipes, and even live power lines. Safety concerns are also increasing because of weather (flooding, rockslides, heavy snowfall, etc) and technicians being attacked in unfriendly areas. The losses are increasing, but companies can deter theft of remote equipment and help authorities catch guilty parties when incidents occur.

The Site Management solution from Kentrox provides service providers with better site intelligence prior to a truck roll. Because technicians can determine the cause of an alarm prior to dispatch, they arrive at the site with the proper tools and equipment to solve the problem, reducing the need for additional costly truck rolls. The comprehensive Site Security Management solution:

- Gives technicians remote access from any laptop to a consolidated view of alarms associated with cameras, doors, and other remote site equipment
- Allows remote access for camera configuration changes and pan/tilt/zoom control
- Supports multiple camera vendors
- Provides a common interface to access core network elements, site security equipment, power systems and more

SecureSite server, Optima, and Remote from Kentrox provide a site security management solution to monitor activity, notify personnel, and diagnose problems at a remote site.

Ordering information

SECURESITE Dell server preinstalled with SecureSite software
LIC-SECSITE-100 RTU license for 100 cameras

Typical SecureSite server specifications

Dell 1U rack-mountable server with:
Quad-Core Intel Xeon 5500-series Processor 8MB Cache, 2.26GHz, 1066MHz FSB
8GB Dual Ranked RDIMMs, 1066MHz
Dual Gigabit Ethernet NICs with fail-over and load balancing
Integrated SATA 3.0 Gb/s RAID controller with 256MB cache
iDRAC6 Enterprise PCI-based management controller
USB keyboard/mouse with optional rack mount configuration
Redundant 480 watt hot-plug power supply

High performance rack mount server

Redundant AC power supply included
Intel Quad core CPUs with error detecting DIMMS
Four high performance disks striped and mirrored with RAID 10

Engineered capacity for 100 cameras

900+ GB hard disk space for 60+ days image storage (assumes typical level of cell site activity)
Other camera capabilities supported with history length trade-offs
Automatic disk space management with alerts

Additional features

Secure and hardened operating system
Two user levels: standard and admin

For more information, visit www.kentrox.com, email info@kentrox.com or call 800-733-5511 or +1 614 798 2000.