siteVIEW Enterprise 2.1
Remote Site Monitoring and Control Software

siteVIEW Enterprise 2.1 is the interface software used to monitor and control networks of TASC Systems' siteCOMMANDER and siteRSM hardware.

siteVIEW Enterprise 2.1 gathers data from a network of siteCOMMANDERs and siteRSMs and presents it to the operator through a customizable graphical view of each site being monitored. Using the flexible client-server architecture, the data can be easily accessed by one or multiple operators. This allows each operator to monitor, control and be alerted to alarms from multiple locations across various systems.

System performance issues can be identified and tracked, based on alarm reporting. This shortens response time to failures, allowing faster deployment of solutions, and the option to schedule the maintenance.

The software presents a simple GUI (Graphical User Interface) using an intuitive instrument panel interface with the option to use audible alarm notification. The graphical controls can be positioned on the screen to look and behave like the physical system being monitored and controlled. This visual display makes it very easy to navigate throughout the system.

The Power of siteVIEW Enterprise 2.1

"At source" decision making: Online analysis supports making well-informed decisions that leads to saving money.

Reliable and stable platform: A completely integrated system deployed on an open architecture network.

User design graphical interface: GUI can easily be designed by using the predefined instrument panel to represent the network being monitored.

Event and alarm messaging: Email, SMS and FleetSync™ messaging provide flexibility feild services personnel.

siteVIEW Mobile provides device and alarm information and management from mobile smart phone, tablet or any other web enabled devices.

Software Configuration

siteVIEW Enterprise 2.1 consists of four software components:
1. GUI (Client) provides the operator with a customizable graphical view of a network of siteCOMMANDER and siteRSM devices to allow monitoring and control of the sites.
2. Data Handler (central server) stores the configuration, communication, events and alarms that flow between the siteCOMMANDER and siteRSM networks and the operator's interface.
3. Communication Service interfaces with each remote network of siteCOMMANDERs and siteRSMs.
4. Alarm Notification Handler determines what event is actually considered an alarm, its criticality, and the appropriate action to take.

The software components can run on a single computer, or can be placed on multiple computers depending on the needs of your network. When multiple operators are utilizing the network, each operator requires a computer running the GUI (Client). siteVIEW Enterprise 2.1 provides a greater level of flexibility when designing your network.

siteVIEW Enterprise 2.1, siteRSM & siteCOMMANDER

The monitoring and control system can be deployed in diverse applications, in single or multiple configurations, and in small to large industrial environments. The remote siteCOMMANDERs and siteRSMs can be queried manually or by scheduled polling.
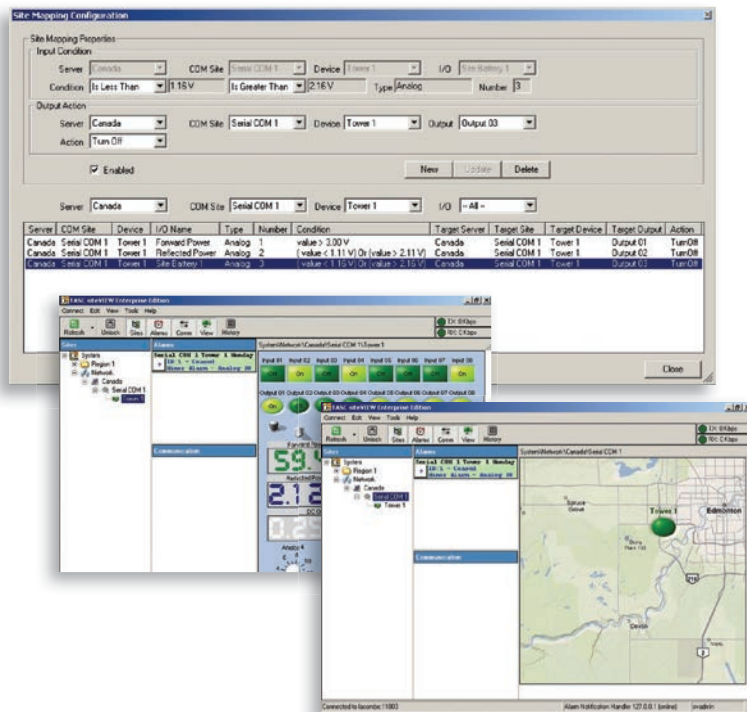
The siteVIEW Enterprise 2.1 software, siteCOMMANDER and siteRSM remote monitoring hardware units provide a complete integrated system. Together the two monitor and control functions over an open architecture network for operator specified remote on-line analysis, diagnostics and alarm resolution. Communication protocols for the monitoring systems include Ethernet, RS232, 4-wire, FFSK and Kenwood's proprietary FleetSync™.

Together, siteVIEW Enterprise 2.1 with siteCOMMANDER and siteRSM provide businesses and industries with strategic solutions that improve productivity, reliability and service quality, while reducing downtime and operating costs.

siteVIEW Enterprise 2.1

Key siteVIEW Enterprise 2.1 Features:

- Data acquisition from siteRSM and siteCOMMANDER devices

- Event logging keeps track of incidents

- Distributed monitoring & control of siteRSM and siteCOMMANDER networks

- View status of multiple siteRSM and siteCOMMANDER locations simultaneously on same screen

- Create your own background map/graphics to resemble your network's physical layout

- Real-time presentation by polling of operator selected data

- Automatic remote control of siteRSM and siteCOMMANDER outputs based on monitored events

- Outputs at a given site can be "mapped" to change based on an event occurring at the same site or multiple sites

- Immediate notification of alarm conditions

- Alarms can be sent to one or many operators

- Visual, audible and pop-up alarm notification

- Permission levels settable to company defined security measures

- SNMP agent provides a network management interface to other Network Management Systems.

siteVIEW Enterprise 2.1 PC Requirements (Minimum)

Graphical User Interface (Client)

Processor:	Pentium III 600 MHz
Memory:	128 MB RAM
Hard Drive:	10 GB 7200 RPM, 20 MB free space
CD ROM:	52x CD-ROM
Network Card:	10/100 Ethernet Card
Resolution:	1024x768
Video Card:	32 MB PCI /AGP2x Video Card
Mouse:	USB/PS2 Mouse
Keyboard:	Standard 100/101 Keyboard
Operating System:	Windows XP/Vista/7/Server 2003/2008
Additional Software:	Microsoft.NET Framework 2.0

Communication Service

Processor:	Pentium III 600 MHz
Memory:	128 MB RAM
Hard Drive:	10 GB 7200 RPM, 5 MB free space
CD ROM:	52x CD-ROM
Network Card:	10/100 Ethernet Card
Serial Ports:	Minimum One (connects to devices)
Operating System:	Windows XP/Vista/7/Server 2003/2008

Alarm Notification Handler

Processor:	Pentium III 600 MHz
Memory:	128 MB RAM
Hard Drive:	10 GB 7200RPM, 5 MB free space
CD ROM:	52x CD-ROM
Network Card:	10/100 Ethernet Card
Serial Ports:	Optional (pager notification)
Operating System:	Windows XP/Vista/7/Server 2003/2008
Additional Software:	Microsoft.NET Framework 2.0

Data Handler (Central Server)

Processor:	Pentium III 866 MHz
Memory:	512 MB RAM
Hard Drive:	20 GB 7200 RPM, 500 MB free space
CD ROM:	52x CD-ROM
Network Card:	10/100 Ethernet Card
USB Ports:	One USB 1.1/2.0 (for license key)
Operating System:	Windows XP/Vista/7/Server 2003/2008
Additional Software:	Microsoft.NET Framework 2.0

Note: In a single-computer system, the requirements are the same as for the Data Handler plus an additional 30 MB of hard drive capacity.