

# remote site monitoring



**TASC Systems Inc.** is a quality manufacturer and research and development facility committed to the design of innovative commercial and industrial wireless remote site monitoring and control system solutions. Over the past decade, by successfully developing and applying reliable technology-based solutions, we are proud to have earned a reputation as a leading remote monitoring solutions provider.

**Remote Site Monitoring** is a very powerful tool providing the organization the capability to interrogate a site without being there, resulting in timely diagnosis and maximum up-time. The backhaul options for moving the data include FFSK/4-wire, PSTN, Cellular, Kenwood Fleetsync™, Ethernet, Serial (RS232), and two-way radio. An intuitive software platform enables a seamless integration no matter the mode of communication.

**Remote Site Monitoring** saves on needless trips to remote sites and provides the insight to field personnel regarding the situation at the site. The “new reality” is that the organization will reduce expenses and stay informed of pending problems at the site.

## **TASC advantages**

- Industry knowledgeable and service-oriented team
- Low power consumption
- Event logging and alarm notification (text messages and emails)
- Connectivity to TASC designed optional sensors
- Feature rich graphical user interface (GUI)
- Secure access using the Client (GUI)
- Custom application services





### siteVIEW Enterprise 2.0

- siteVIEW Enterprise 2.0 is the interface software used to monitor and control networks of TASC Systems' siteCOMMANDER and siteRSM hardware
- User design graphical interface
- Data access by multiple users via the client GUI
- Alarm messaging via email, text and Kenwood Fleetsync™



### siteRSM

- Reliable remote monitoring thru two-way radio, Ethernet, serial, landline dial-up, and cellular
- Enclosure options: 19" rackmount (1RU and 2RU), NEMA 4 and clamshell
- Low power consumption
- Easy connectivity to optional TASC sensors
- Input/output expansion capabilities



### siteCOMMANDER and siteCOMMANDER FleetSync™

- The siteCOMMANDER can be deployed in point-to-point and point-to-multipoint applications
- The system can be used in control applications where an input mapping feature allows an event or a change in state to trigger an output
- Reliable remote monitoring via FFSK/4-Wire, serial and Kenwood Fleetsync™ backhaul methods
- Wide operating temperature range for extreme conditions



### sitePORTAL Lite

- Addresses the network management issues that wireless telecommunications system operators face as the level of sophistication of "multi-vendor" communication equipment progresses
- Provides a universal method for retrieving status information across all active components via PSTN, Cellular and Ethernet backhaul technologies
- Wide operating temperature range for extreme conditions
- Powerful Pass-Through feature enabling remote connection to equipment



### Antenna/Line Monitor

- Provides highly accurate forward and reflected power measurements, as well as calculates VSWR and return loss in real time
- Directivity of greater than 30dB and insertion loss of less than 0.1 dB
- Wide frequency range of 40-2000 MHz
- Two independantly configurable alarm relays



### Bi-directional Power Sensor

- Provides precise forward and reflected power measurements in real-time when polled
- Device can be placed in new and existing radio systems
- Wide operating temperature for extreme conditions
- Analog outputs for easy connection to site monitoring devices

TASC Systems Inc. is continuously working to improve system performance and expand product capabilities. Specifications are subject to change without notice. 2009

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