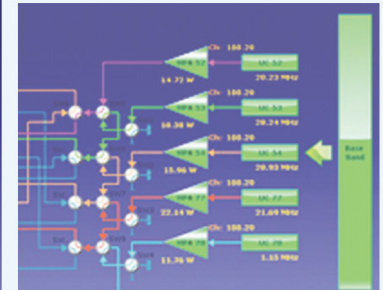
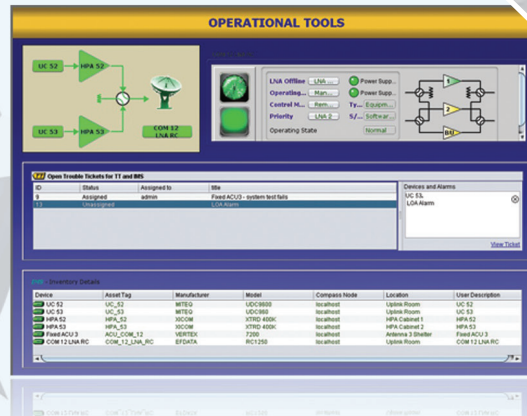


COMPASS

Manage, Monitor and Control Mission Critical Networks



Compass monitors and controls a wide-range of devices on mission-critical networks.



Downtime is not an option for mission-critical networks. When your operations success, whether business or mission oriented depends on your communications infrastructure, only a proven and industry leading device management and control solution will suffice. That is why broadcasters, satellite operators, telecommunications providers, the military and a range of other industries that rely on mission-critical networks use the Compass® Monitor and Control Suite, an award winning solution for ensuring network health and uptime.

World-Class Monitor and Control Suite

With over 3,000 installations, Compass is deployed across the United States and around the globe as a monitor and control solution. Compass communicates with the devices, and manages the remote sites that comprise the network — empowering the operator with complete monitor and control capabilities.

With Compass:

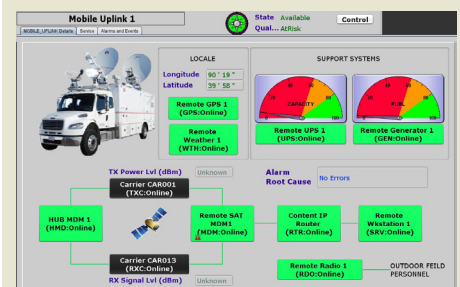
- Reduce costs and increase Quality of Service (QoS) by automating manual tasks and recovery from network failures
- Decrease staff workloads and streamline operations
- Lower operational costs and raise levels of customer satisfaction

Ensure Health and Uptime for Mission-Critical Networks

Compass proactively monitors and manages faults and failures on devices to reduce costly downtime. With a real-time database engine for alarm and event management, Compass uses filtering, suppression, correlation, historical logging and trending techniques to discover the root cause of network issues and to prevent them in the future.

Expand the capabilities of Compass:

- Service Quality Manager (SQM) – manage service performance and SLAs end-to-end across satellite and terrestrial networks
- SNMP Manager – monitor and control SNMP devices seamlessly
- SNMP Agent – report failures and equipment status to management systems via SNMP
- Spectrum Analyzer Interface – perform spectrum analysis from anywhere in the network
- Carrier Monitoring Interface – exchange data between carrier monitoring system products Monics and DSA from SAT Corporation



▲ Compass monitors network devices, support systems, the local environment, fault conditions and carrier performance for the mobile uplink of a transmission.

With Compass:

- Simplify system management by filtering alarms on equipment by type and priority and analyzing events
- Reduce the Mean-Time-to-Repair (MTTR) by identifying the root cause of device issues earlier and accelerating the remediation process

Operate Anywhere with Unmatched Network Visibility

Compass is a powerful solution that enables operators to view and control equipment on the network and automate complex service tasks. Through a web accessible management console, monitor and control equipment, change displays, add devices, and perform configuration modifications.

With Compass:

- Reduce operational complexity by having a single view into your network equipment
- Simplify management, lower training and support costs and identify and solve problems before they impact operations

Connect to Any Device and Manage Any Network

Compass has the built-in flexibility to manage a myriad of devices on a network. It is standards based, user configurable, provides real time status and alarming, and manages all types of network element types such as RF equipment, IT devices, facility alarms, security gear and much more. Compass easily communicates with Ethernet, SNMP, Serial, TL-1, proprietary protocol, TBOS and Discrete IO equipment.

With Compass:

- Minimize integration costs by using a built-in library of over 1,100 device drivers and use the Visual Driver Studio to create new drivers
- Reduce the cost of initial deployments and future network expansions or upgrades by receiving any new drivers you require at no cost with COMPASS Gold maintenance

Centralize Management of Remote Sites

Compass also has the capability to centrally manage remote sites using an appliance installed locally. The appliance is a fault tolerant solution that is installed at remote locations to provide a more complete view of the status and health of the remote site to the Network Operations Center (NOC).

With Compass:

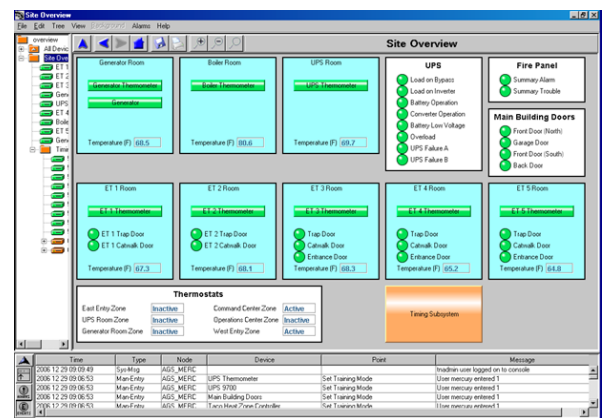
- Deliver a complete view of operations by using a compact, efficient and cost-effective mechanism for monitoring disparate equipment at a remote site

Gain Complete Situational Awareness Across Satellite and Terrestrial Networks

To provide complete situational awareness, Kratos delivers an End-to-End (E2E) Management Suite that is based on three market-leading products. The products include Compass for monitor and control of equipment, NeuralStar for the management of enterprise networks, and Monics/DSA for carrier management. The Kratos E2E Management Suite assures the availability, reliability, and security of communications across satellite and terrestrial networks. Each product is available as a standalone solution for discrete management tasks and together they operate as a unified E2E platform for enhanced situational awareness and systems control.

With Our E2E Management Solution:

- Achieve a complete view of operations with a unified management dashboard for performance monitoring and reporting to enhance decision-making capabilities
- Expand monitoring capabilities and increase situational awareness to meet evolving demands using a single and highly scalable solution



▲ Compass empowers operators to manage and control a range of devices and systems at remote sites from the NOC.