

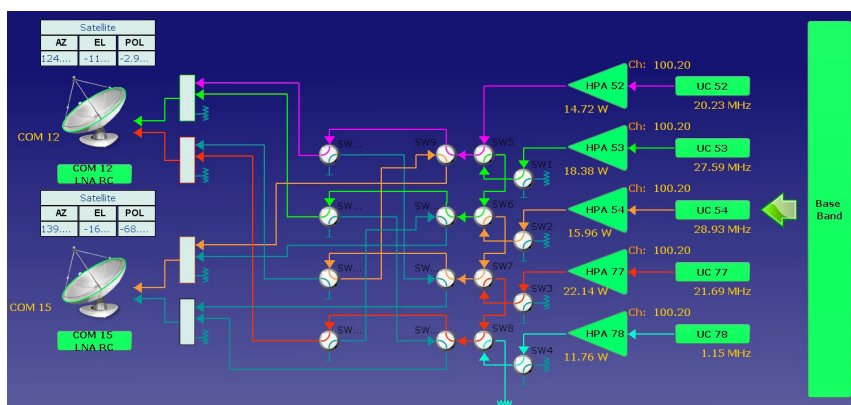
Downtime is not an option for mission-critical networks. When your operations success, whether business or mission oriented depends on your communications infrastructure, only a proven and industry leading monitor and control solution will suffice. That is why broadcasters, satellite operators, telecommunications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

World-Class Monitor and Control Solution

With over 3,000 installations, COMPASS is deployed across the United States and around the globe as a mission-critical management solution. COMPASS communicates with devices, remote sites and networks; and aggregates the data—empowering the operator with manage, 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



COMPASS monitors and controls a range of mission-critical networks from satellite to terrestrial.

Ensure Health and Uptime for Mission-Critical Networks

COMPASS proactively monitors and manages faults and failures on the network 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.

With COMPASS:

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

Expand the capabilities of COMPASS with these add-on modules:

- ◆ Service Manager – manage the services on the network
- ◆ Inventory Management System – manage large volumes of network assets
- ◆ Trouble Ticketing System – track issues from problem to resolution
- ◆ Profile Manager – create and manage device profiles
- ◆ Router Configuration Manager – capture and download router configuration files
- ◆ Redundancy Manager & Switching Client – configure redundant systems and recover traffic automatically when failures occur
- ◆ Site Diversity Manager – enable system administration to occur without downtime
- ◆ 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
- ◆ Performance Monitoring and Reporting – gain complete situational awareness from terrestrial to satellite networks with the NeuralStar module
- ◆ Carrier Monitoring Interface – exchange data between carrier monitoring system products Monics and DSA from SAT corporation

Operate Anywhere with Unmatched Network Visibility

COMPASS is a powerful solution that enables operators to view and control the entire network from satellite to terrestrial operations, automate complex service tasks and unify disparate systems into one view. Through a single 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 entire system or network
- ◆ 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 small sites to very large operations from satellite to terrestrial networks. 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 via Ethernet, SNMP, Serial, TL-1, proprietary protocols, TBOS and Discrete IO.

With COMPASS:

- ◆ Minimize integration costs by using a built-in library of over 1,500 device drivers and use the Visual Driver Studio to create new drivers
- ◆ Decrease management tools and costs by bringing existing equipment and next-generation networks under one management system
- ◆ Reduce the cost of 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 centrally manages remote sites using Newpoint's Mercury G3 element manager. Mercury G3 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 Mercury to provide a compact, efficient and cost-effective mechanism for monitoring disparate equipment at a remote site

Gain Complete Situational Awareness Across Satellite and Terrestrial Networks

COMPASS using the NeuralStar module delivers a unified management dashboard for enterprise performance monitoring and reporting by collecting data from the NOC to the network's edge and across the integrated terrestrial and satellite ground networks. By seamlessly integrating with NeuralStar and other Kratos products (Monics, DSA, EPOCH, etc), COMPASS enables the monitoring of IT networks, satellites, remote sites, carriers, earth stations and a range of other hybrid networks in a single view.

With COMPASS:

- ◆ 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 helps empower operators to manage, monitor and control global networks with a range of devices, remote sites and hybrid networks using a single system.