

Mon-A-Co Edge

Monitor and control absolutely everything at your ground station

The Calian, Advanced Technologies Mon-A-Co Edge system provides satellite, broadcast, telecommunications and cable network operators the performance flexibility and ease of use they need to optimize their networks. Mon-A-Co's distributed fault tolerant architecture can manage network elements locally and across the globe.

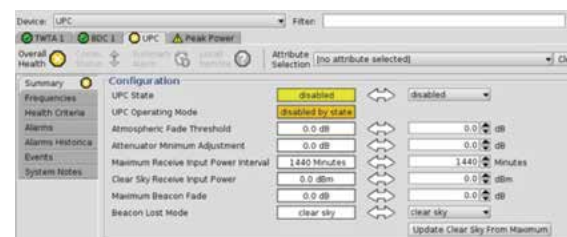
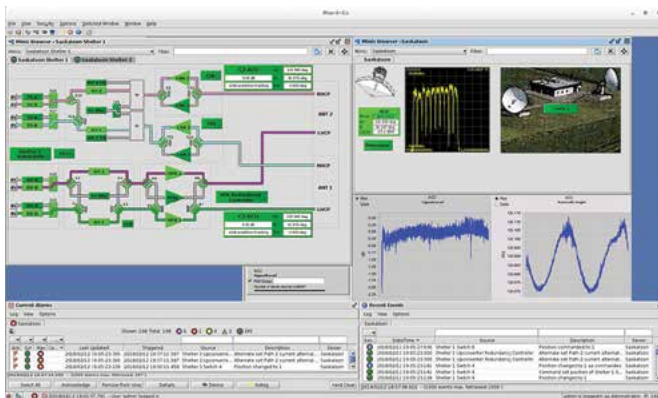
Mon-A-Co's powerful, intuitive user interface provides the ease of use demanded by your operations personnel. Quickly identify and diagnose problems with Mon-A-Co's colour-coded mimics. Reconfigure network equipment quickly and reliably. Use Macro Editor and Scheduler to create macro commands and schedule them as required. Change or expand your network using the drag-and-drop System Builder and extensive pre-installed library of drivers. Monitor critical carriers in your network to identify problems before your customers do. Mon-A-Co integrates seamlessly with your existing business, service and network management systems.



Mon-A-Co system features

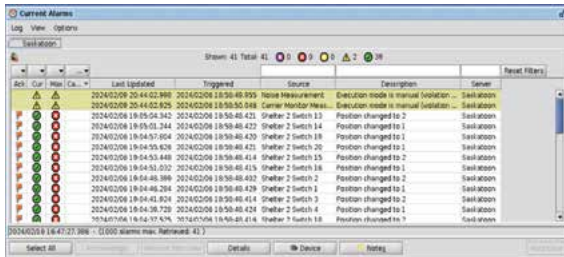
Device management

- Monitor and control any device in the network
- Calian's Mon-A-Co supports virtually any interface standard including serial and ethernet. Communication protocols include TCP, UDP, Modbus and SNMP, among others.
- Specify health criteria for monitored equipment
- Mon-A-Co will notify operations with events and alarms when the criteria is violated



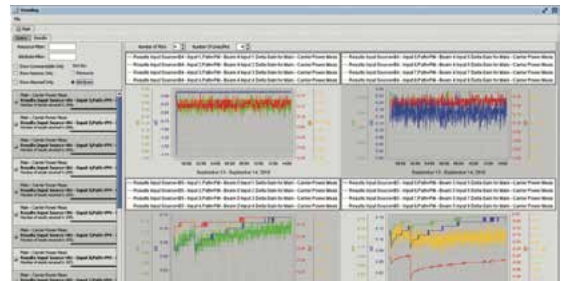
Events and alarms

- View, sort and filter current and historical events and alarms, map the alarm severity level to a corresponding physical reaction in the system such as audible alarms and visual indicators.
- Visualize the root cause of the problem then navigate quickly to the device window to respond to the failure.



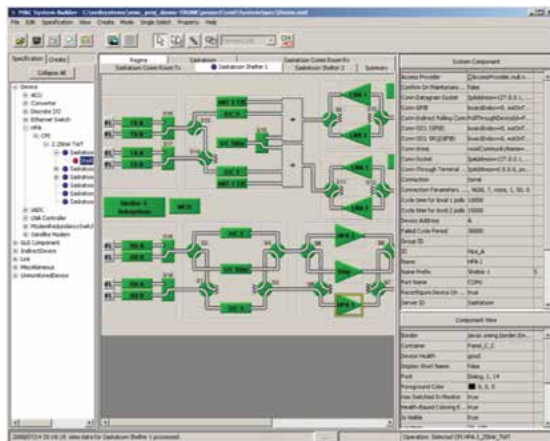
Problem analysis and trending

- Dig deeper into problems or predict future failures with **Mon-A-Co's** trending capability.
- Trending records every change in device status for months, or years, with optional archiving.
- Observe historical trends or monitor the current trend live.



System changes and expansion

- The **Mon-A-Co System Builder** is a visual editor that allows operators to edit existing or to create new mimic block diagrams with an easy-to-use drag and drop interface.
- The included comprehensive library of device drivers makes updates easy as your system evolves and grows.



Additional features/configurations

- Simple carrier monitoring
- Uplink power control
- Computed EIRP display
- Integration with other network management systems
- Ephemeris file handling
- Redundancy management
- SNMP north-bound interface
- REST interface
- Site diversity management available
- Pass management available

Platforms

Mon-A-Co operates under the Linux and Microsoft Windows environments. It can be deployed on standard servers or in virtualized environments. For high availability applications, **Mon-A-Co** is available in a fault tolerant configuration with built-in protection switching, helping you achieve continuous 24 x 7 operations.