CALIAN ®

Confidence. Engineered.

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.

Edge's powerful, intuitive user interface provides the ease of use demanded by your operations personnel. With **Edge** you can:

- Quickly identify and diagnose problems using color-coded mimics
- Reconfigure network equipment quickly and reliably
- Use task automation to create scripted 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
- Integrate seamlessly with your existing business, service and network management systems

Platforms

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

Powerful add–ons and customizable components

- Uplink power control
- EIRP computation
- Site diversity management
- Satellite pass management
- Carrier monitoring
- Ephemeris file handling
- Integration with other network management systems
- SNMP, REST, and Kafka north-bound interfaces

Mon-A-Co system features

Device management

- Monitor and control any device in the network
- Supports virtually any interface: TCP, UDP, Modbus, SNMP, gNMI, YANG, and others
- Specify health criteria for monitored equipment
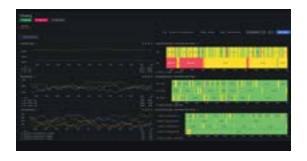- Notify operations with events and alarms when health criteria is violated

Problem analysis and trending

- Dig deeper into problems or predict future failures with **Edge's** trending capability
- Trending records every change in device status for months or years, with optional archiving
- Observe historical and live trends
- Record and manage low-level data exchanges with equipment to aid troubleshooting
- Use included simulators to aid in problem solving and expansion scenarios

Events and alarms

- Sort and filter current /historical events and alarms
- Map the alarm severity level to a physical reaction, such as audible alarms, visual indicators, and external messages
- Visualize the root cause of the problem and navigate to the source to resolve
- Baseline alarms and track changes from the baseline

Task automation

- Automate complex and repetitive tasks
- Schedule automations based on time, events, or changes in data

Customizations, changes, and expansion

- Design ground station models and views through powerful graphical tools
- Work from an included library of over 1200 existing device drivers and components