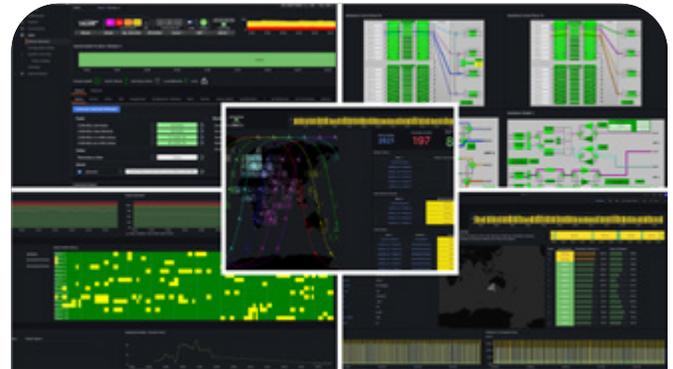**CALIAN** ®

Confidence. Engineered.

Mon-A-Co Centro

Turn-key monitoring and observability for common Satcom paradigms

Mon-A-Co Centro is the latest addition to the **Mon-A-Co** family of monitor and control products. Centro is built upon the flexible infrastructure of the Calian **Centralized Management Platform (CMP)**. While the CMP provides a comprehensive infrastructure for building a wide array of network management systems, Centro is more focused in its objective of providing a refined set of features to support monitoring and observability for common Satcom paradigms.

Paradigms in Centro are focused on supporting personnel at the NOC and pertain to high-level observability of the ground, user, and space segments. The paradigms cover concerns such as overall network health, performance bottlenecks, efficiency, SLAs, traffic distribution, and more. The list of paradigms supported by Centro will continue to expand over time. Provided the data is available, new paradigms can be added to existing Centro systems with relative ease. Centro can also be expanded by users to add additional modeling for ingested and derived data, allowing further support for more sophisticated networks.

Each Centro paradigm provides a paradigm-specific data model and dashboards. Configuring the appropriate data connector to ingest data from the network elements and convert it into the data expected by the data model, allows the model and dashboards to function without further effort. Paradigm data models may be both static and dynamic, where dynamic models can adapt in near real time to changing system data.

Mon-A-Co Centro features

Core Features Inherited from CMP

- Informative, rich, web-based dashboards
- Feature-rich data graphing and trending
- User-configurable data aggregation, derivation, and organization
- Events for significant occurrences
- Alarms for all data with health status
- A commanding engine with command initiation and tracking functions
- Standards based mechanisms utilizing OAuth2, TLS, managed certificates, encryption, and more
- Supports bare metal, private, and public cloud installations
- Pairwise and clustered high-availability options
- Out-of-the-box integration with Mon-A-Co Edge
- REST, SNMP, and Kafka connectors
- X, Y, and Z-axis scaling
- Northbound user APIs

Standard Paradigms for NOC Overviews

- Domain-specific data models and hierarchies for the paradigm
- Custom views and dashboards to best support the paradigm and data model
- Pre-canned configuration specific to the paradigm
- Supports paradigms related to RF Chains, User Services, Satellite Capacity, and others

Provides Value Out-Of-The-Box

- Integration APIs/connectors, templates, and data mapping makes integration easy
- Connect to your network elements and let Centro do the rest

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