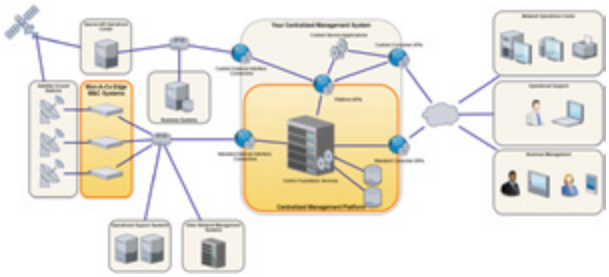
Datasheet

CALIAN®
Confidence. Engineered.

Centralized Management Platform (CMP)

Manage all your network elements from one central location

The **Centralized Management Platform (CMP)** is a recent addition to the Calian family of NMS products. Calian has utilized decades of experience building network management products in designing **CMP** from the ground up. A foundation for building custom centralized management systems, **CMP** provides the most critical features of a centralized management system in an extensible, high-performance, highly available, streamlined package suitable for deployment in various operating environments, including both public and private cloud networks.



Utilizing requirements, inputs, and feedback from hundreds of operators, engineers, and managers, Calian has devised a centralized management solution that provides a powerful platform with the most valuable features and functionality sought after in high-level network management systems out-of-the-box. In addition,**CMP** provides a high degree of configurability and numerous integration options for new custom services. The combination of built-in features, configurability, and customization within **CMP** provides customers with an extensive array of options for both large and small enterprises. A wide variety of assets can be managed through **CMP**.

The list of potential assets includes everything from low-level equipment and devices, user terminals, satellites, back-end systems, management systems, and monitoring systems. Through management of those assets, CMP provides value in most areas needed to successfully operate and manage communication networks, including communications equipment and facilities, ground-based access stations, terrestrial communication links, operational facilities, operational support, reporting, and others. When combined with the **Calian Mon-A-Co Edge** monitor and control system, the list of assets that can be managed out-of-the-box reaches into the thousands.

CMP features

Observability, Issue Detection, and Resolution

- Informative, rich, web-based dashboards
- Feature-rich data graphing and trending
- User-configurable data aggregation, derivation, and organization
- Supports the creation of new data from ingested data
- Allows health criteria to be defined for any or all data
- Static and dynamic data hierarchies that propagate and summarize health status information
- Supports the creation of new holistic views with drill-down capabilities
- Time-tagged data with support for long-term retention and data down sampling
- Centralized log aggregation with dashboards
- Search and filter facilities

Events and Alarms

- Events for significant occurrences
- Alarms for all data with health status
- Alert notifications for any or all alarm activity

Command and Control

- A commanding engine with command initiation and tracking functions
- Integrated commanding widgets and displays

Security

- Standards based mechanisms utilizing OAuth2, TLS, managed certificates, encryption, and more

Interfaces

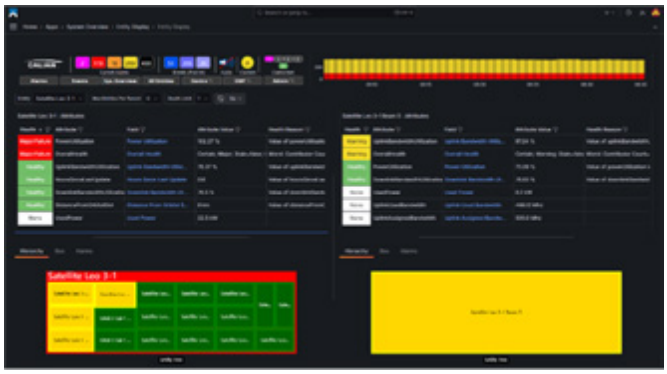
- Interface connectors for over 250 protocols
- Flexible data mapping from interface to model
- Integrates with Mon-A-Co Edge and sat-nms

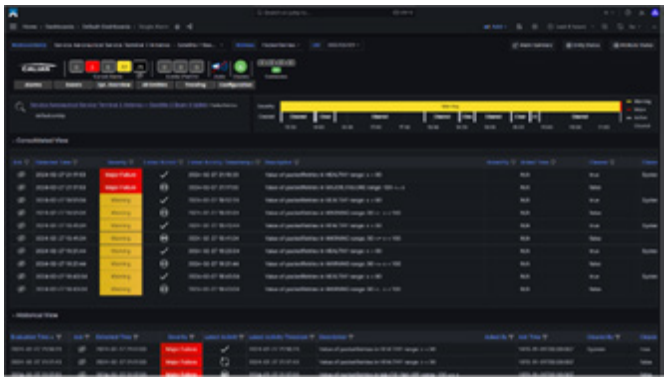
Flexible Deployment Options

- Supports bare metal, private, and public cloud installations
- Pairwise and clustered high-availability options
- Modular architecture

System Changes and Expansion

- X, Y, and Z-axis scaling
- High degree of configurability and expansion through GUIs, YAML files, and scripts
- Integration APIs support customized services
- Simulators to support user-driven expansion
- Supports creation of new data and dashboards through user configuration
- User-driven and custom extensibility options





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