

CA Performance Management



At a Glance

CA Performance Management is a big data network monitoring platform with full-stack analytics for assuring traditional and software-defined networks. The solution converts inventory, topology, device metrics, faults, flow and packet analysis into actionable intelligence for network operations teams. Enterprise IT, managed service providers and cloud providers use CA Performance Management to troubleshoot issues, optimize resources, demonstrate accountability, analyze anomalies and ensure application and service performance. The world's smallest and biggest networks rely on CA Performance Management to assure confidence and reliability.

Key Benefits/Results

- **Comprehensive hybrid monitoring.** Broad capabilities to acquire, present and analyze network performance metrics across traditional, SDN, SDDC, SD-WAN, NFV and hybrid-cloud architectures.
- **Advanced scale.** Delivers the same access and experience for any size network over an extended historical period, with no data loss.
- **Deep diagnostics.** Converges device availability, flow, faults and packet analysis to bring granular visibility into application and service performance.

Key Features

- **All-in-one NetOps monitoring.** Discover and monitor traditional and modern SDx networks, LAN/WAN, data centers, enterprise and service provider networks with expert dashboards for end-to-end assurance.
- **Scale to 4M+.** Provides four million monitored items at 500,000 metrics per second, making it one of the most scalable network monitoring platforms available.
- **Experienced UI.** Built for network operations and architects with visualizations, workflows and administrations adopted from standard operating procedures.
- **Contextual diagnostics.** Navigate in context from device statistics to flow to packet analysis and to controller statistics.
- **Rich analytics.** Native beginner analytics for capacity planning, percentile and deviation from normal and future integration with advanced analytics for operational correlation.

Business Challenges

Network teams today are facing a technological inflection point—networks everywhere are being re-architected to support cloud migrations and a demanding consumer. They struggle to keep pace with a constant influx of software-defined automation in the data center, stress on the WAN due to highly sensitive applications and pressures to demonstrate justification for network spend.

Furthermore, traditional monitoring solutions were not designed to handle a tsunami of metrics, the interdependent layering of software-defined networks (SDN), and the transient, dynamic nature of modern inventories and services. Compounding this is the struggle to be aligned with application owners. The new KPI is not network performance—it's the application experience.

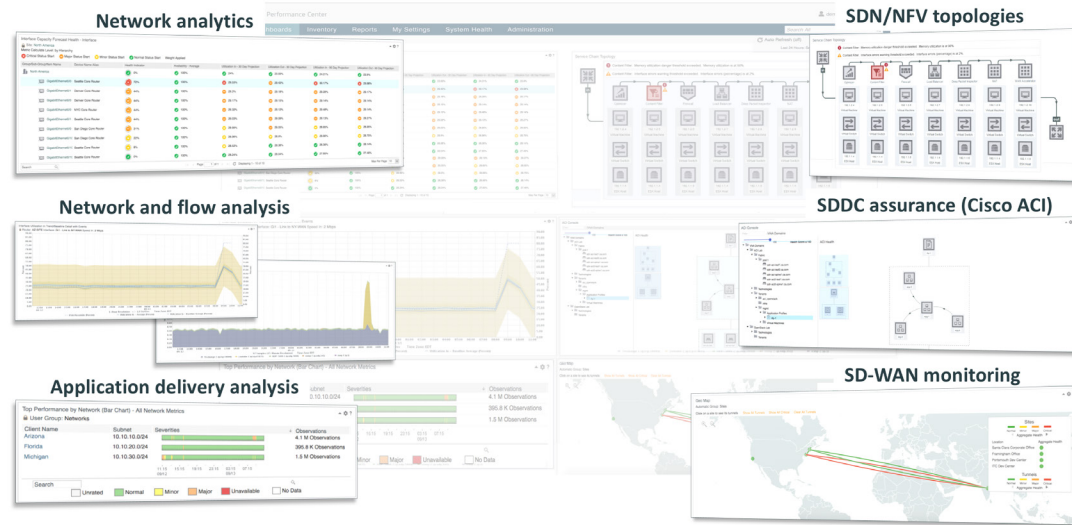
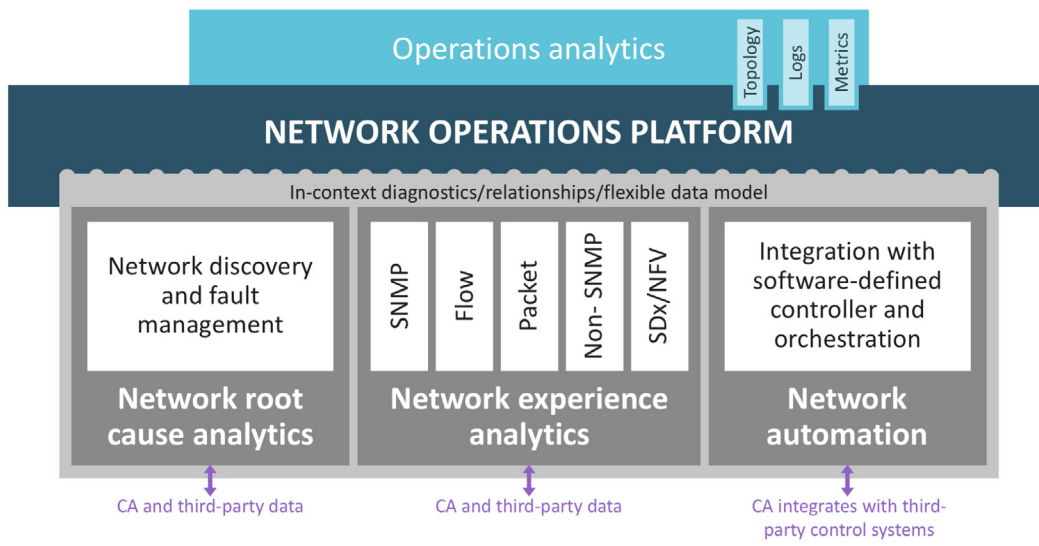
What is needed is an application-savvy network performance monitoring solution that combines contextual diagnostic abilities integrated with application performance and experience; an analytics-driven monitoring solution to handle high scale correlations and search through big data along with the maze of interdependent network layers and a converged monitoring solution that can monitor the traditional networks while providing experts eyes into the new software-defined networks.

Solution Overview

CA Performance Management is a converged network operations monitoring solution for enterprise and service provider networks that discovers traditional, physical inventories as well as modern, dynamic inventories in virtual and logical overlays. The solution comes with a full suite of diagnostic capabilities including topologies, device metrics, faults, flow, packet and controller analysis, and can assure the entire pathway to the cloud, covering WAN, the delivery network and the data center cloud. Rich with analytics, both native and external with full-stack correlation, the solution offers additional features including:

- **Open third-party integrations** to help enable speedy extraction of relevant data to third-party software or custom applications.
- **Operations interface** that provides use-case-specific expert dashboards, multivendor metric families, business-hours focus and versatile grouping for contextual analysis.
- **Optimized collection and storage** to enable optimized assurance with customized control over what to monitor and how to monitor it.
- **Multitenancy** that offers an easy way to segregate network performance data according to customers, roles and access rights.

CA Performance Management is the foundation of the network operations and analytics platform that turns inventory, topology, device metrics, faults, flow and packet analysis into actionable intelligence for network operations teams.



Related Products/Solutions

- **CA Virtual Network Assurance** provides advanced and extended monitoring of hybrid cloud, SDN, NFV, SDDC and SD-WAN architectures.
- **CA Spectrum®** offers superior network fault and root cause analysis.
- **CA Network Flow Analysis** monitors network flows to optimize application performance.
- **CA Application Delivery Analysis** provides end-to-end application response time monitoring.
- **CA Unified Communications Monitor** provides voice/video monitoring to ensure quality of experience and service.

For more information, please visit ca.com/performancemanagement

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