CA Performance Management
CA Network Operations Analytics

At A Glance

CA Performance Management is the big data network performance monitoring tool within the CA Network Operations Analytics platform that enables 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

• **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 CA Network Operations Analytics platform that turns inventory, topology, device metrics, faults, flow and packet analysis into actionable intelligence for network operations teams.

**Operational Intelligence**
CA Digital Experience Insights of Third Party

**CA NETWORK OPERATIONS ANALYTICS**
(NetOps Portal, Business Intelligence Reports, OpenAPI)

- **In Context Diagnostics / Relationships / Flexible Data Model**
- **Topology Inventory Fault**
- **SNMP Flow Packet REST Telemetry Logs**
- **Service Activation Provisioning Service Remediation**
- **Network Health and Availability**
- **Network Performance**
- **Network Automation**

Directly integrated
CA and third-party integrations

**Related Products**
- **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](http://ca.com/performancemanagement)

CA Technologies (NASDAQ: CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business, in every industry. From planning to development to management and security, CA is working with companies worldwide to change the way we live, transact and communicate—across mobile, private and public cloud, distributed and mainframe environments. Learn more at [ca.com](http://ca.com).

Copyright © 2018 CA. All rights reserved. All trademarks, trade names, service marks and logos referenced herein belong to their respective companies. This document is for your informational purposes only. CA assumes no responsibility for the accuracy or completeness of the information. To the extent permitted by applicable law, CA provides this document “as is” without warranty of any kind, including, without limitation, any implied warranties of merchantability, fitness for a particular purpose, or noninfringement. In no event will CA be liable for any loss or damage, direct or indirect, from the use of this document, including, without limitation, lost profits, business interruption, goodwill or lost data, even if CA is expressly advised in advance of the possibility of such damages.