

# CertiPath

# Trust Monitor

# Trust Visualized

## Real-time Monitoring for PKI-based Security

Your enterprise relies on high assurance Public Key Infrastructure (PKI) to log into workstations, digitally sign communications, and protect sensitive information. However, like traditional network infrastructure, PKI-based vulnerabilities in your enterprise are not immune from exploitation or service availability issues. The increased reliance on PKI is providing a tempting new target for identity fraud, denial of service attacks, and other cybercriminal activities.

Risk factors are multiplied with the reliance on external PKIs that are managed by business partners, systems vendors, or other entities which exist beyond the control of your enterprise network and traditional systems monitoring tools, but maintain a presence within your domain. To ensure the continued integrity of daily business workflow, you must have confidence in the health of all of the PKI systems and processes you rely on.

The CertiPath Trust Monitor is a managed service that tracks Public Key Infrastructure to verify that business critical components are authentic, reliable, and available whether they are hosted internally or are external business partner CAs.

Based on 24/7 trust-monitoring and CertiPath's CARE™ model of threat assessment, Trust Monitor provides instant notifications, impact analysis, and trend information for the real-time situational awareness needed to assess risks and minimize service outages.

CertiPath CARE™

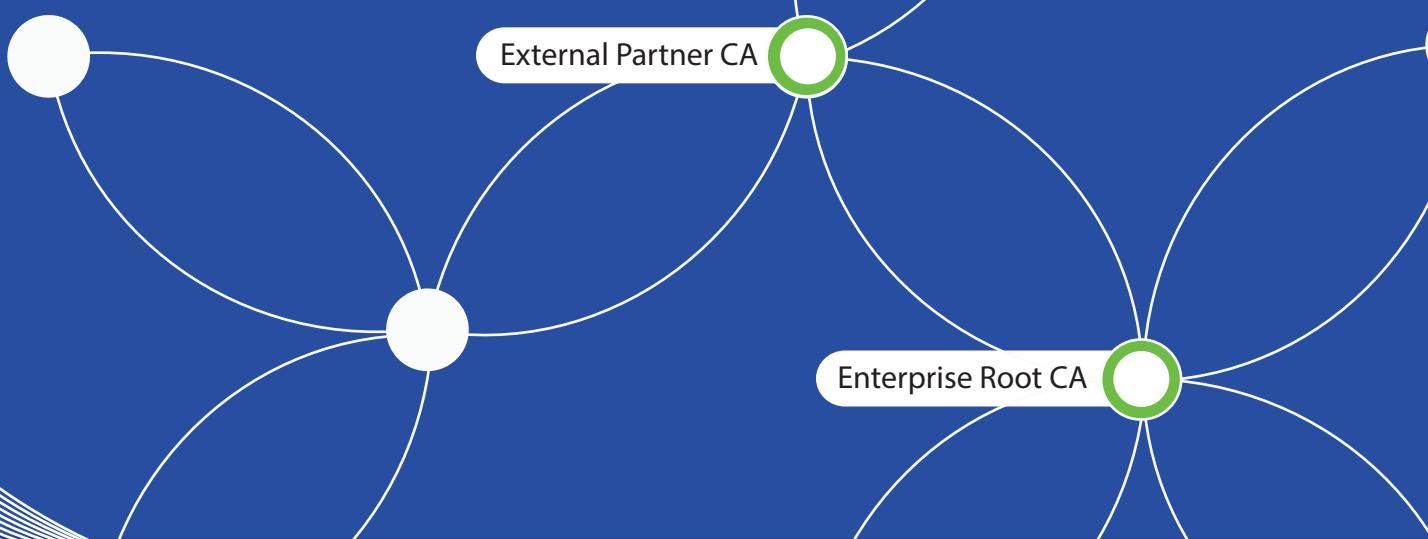
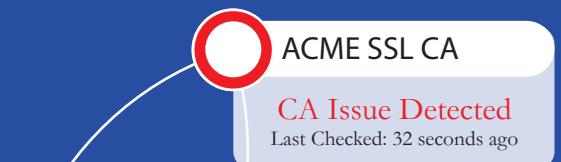
Build a real-time comprehensive view of PKI system integrity

**Content and Constraints:** Manage certificate-dependent relationships with external business partners as they change over time.

**Availability:** Protect against service interruptions and maintain productivity.

**Revocation:** Real time detection of potential fraud or misuse of blacklisted authorities.

**Expiration:** Stay up to date, always.



# Solution Overview

Delivered as a managed cloud-based service offering, Trust Monitor maintains a 24/7 watch over certification authorities and status providers protecting your enterprise's integrity and reducing time spent trouble shooting PKI related issues. By using the CARE™ model to detect inconsistencies within your trust infrastructure Trust Monitor establishes a new level of best practices in identity assurance and integrity for enterprises that are dependent on both internal and external PKIs.

Using Trust Monitor your enterprise can leverage CertiPath's extensive level of insight into service availability and management. CertiPath provides your enterprise with access to both real-time and historic trend information relating to specific incidents and overall PKI health through our monitoring and analysis infrastructure. The reporting and alert features assist in incident response handling, threat mitigation, and planning/support activities that ensure productivity and security are not compromised by system anomalies or deliberate attacks on internal, external, or perimeter PKIs.

Your enterprise can utilize the unprecedented level of awareness into PKI-related dependencies and risks provided by

## Key Features

**24/7 Certificate Authority, SSL, & Revocation list monitoring:** Real-time global insight from the cloud for internal, external, and perimeter certificate relationships.

**Event notification:** Minimize the response times of enterprise support & help desks.

**Analytics module:** Measure and benchmark performance, outages and event resolution.

**Non-proprietary:** Monitor certification authorities independent of vendor or OS.

**CertiPath Expertise:** Assistance with escalation & event resolution.

CertiPath AMS	
Internal Enterprise CAs	✓
Externally Hosted Partner CAs	✓
Microsoft™ Well Known Root CAs	✓
Path building & new CA discovery	✓
Commercial and Enterprise SSL Providers	✓
Instant email and text-message alerts	✓
Support impact metrics & MTTR statistics	✓
Real-time & archived analytics/trend reporting	✓
Infrastructure visualization with CertiPath's Trust Explorer™	✓

## About CertiPath

CertiPath is the federated trust authority for high-assurance identity and access control to sensitive assets in both physical and online environments. It has defined a common standardized set of policies and practices for establishing, managing and securing Public Key Infrastructure (PKI)-based identity credentials that meet the most rigorous standards for identity, integrity and trust.

CertiPath's federated trust authority certifies that its individual member organizations adhere to the policies and practices of the trust framework. As a result, these companies can assert the identities of employees globally - on software-based digital certificates or on hardware tokens such as smart cards - to gain logical access to sensitive intellectual property and physical access to secure locations and corporate offices.