



Introduction

TrustZero – TrustZero is CertiPath’s cloud-based high-assurance credential validation solution, which provides robust business logic and configurability to shape the response of a physical access control system to a range of possible validation conditions. TrustZero achieves near-real time knowledge of credentials through a sophisticated layering of status checking techniques. That knowledge is then provided to the PACS to achieve an immediate cessation of access as may be appropriate. As the primary client-premise credential validation component, TrustZero may run independently of TrustMonitor in austere or low bandwidth locations, providing operational flexibility in PKI validation for local PACS access decisions allowing for a risk-based, trade-off approach to credential validation.

TrustMonitor[®]

TrustMonitor – CertiPath TrustMonitor, a cloud service and cloud deployable application supporting public, community, and enterprise-specific settings, enables the near-real time monitoring and validation of personnel credentials across large enterprises and federated identity communities. TrustMonitor’s public cloud service focuses on PKI credentials and issuers who are trusted via the US Federal Bridge, but private instances can be used for any roots of trust an enterprise or community may also wish to monitor. TrustMonitor:

- Serves as the core processing engine for status validation, receiving on-demand and periodic validation requests from TrustSuite products such as TrustManager, TrustZero, and CertiPath.io
- Proactively tracks and “pushes” updated credential information to those services to achieve quicker propagation and synchronization of credential status changes
- Streamlines the configuration of the trust path, ensuring accurate and up to date status for the client’s trust fabric and eliminating the need for complicated and labor-intensive local trust configuration
- Enables configurable constraints both at a global level and at a local level when using TrustZero

Feature Summary

- ✓ Enterprise-level **continuous validation**
- ✓ **Near-Real-Time revocation**
- ✓ **VIP** privileged credentials
- ✓ Configurable **extended validity period / degraded mode** settings
- ✓ Validation **enforcement** options
- ✓ **Single network** location for all validation queries
- ✓ Validate all credentials within complex **trust communities**
- ✓ **Realtime automated trust list pruning** with no manual checks

About CertiPath

CertiPath, Inc. is a Virginia registered small business founded in 2004 to solve one of the most difficult problems in online security: determining whether a digital identity validly represents a person or “thing” requesting access to a network. Trusted digital identities are critical to the security of networks, data, and facilities.

CertiPath is the federated trust authority for high-assurance identity and access control to sensitive assets in both physical and online environments. We have 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.

At the heart of its success, CertiPath applies unparalleled experience to create a suite of innovative, scalable products and services that hold identities accessing an organization’s network to the highest level of validation. Using these tools, we protect the investment our customers have made in implementing high-assurance credentials as a method of authentication to their critical assets. Our trusted line of products leverage the Trust Fabric, a secure interconnection of trusted participants CertiPath spent a decade helping to create, to ensure that only valid and vetted users can access our customers’ assets.