

CertiPath

**Identity
Management
for
Critical
Infrastructure**

TrustSuite

CertiPath

- **Federated trust authority** for High Assurance identity and access control to sensitive assets
 - Defined a standardized set of policies and practices for establishing, managing, and securing **Public Key Infrastructure (PKI)**-based identity credentials
 - Prime contractor holder for the **GSA FICAM Program** which runs the GSA APL for PACS and for the **USMS Physical Security and FICAM Program**
- **TrustSuite** is uniquely developed to enable **Energy sector** clients seeking to achieve conformance and increase their cybersecurity posture

**Are your credentials
SECURE?**



**Are your ID processes
a MANUAL BURDEN?**



You trust your strong **locks**...

Do you trust everyone's **keys**?



If a KEY is not SECURE, you need to know immediately!

**TrustSuite's industry-leading feature set delivers HIGH ASSURANCE
and AUTOMATES your entire identity management process.**



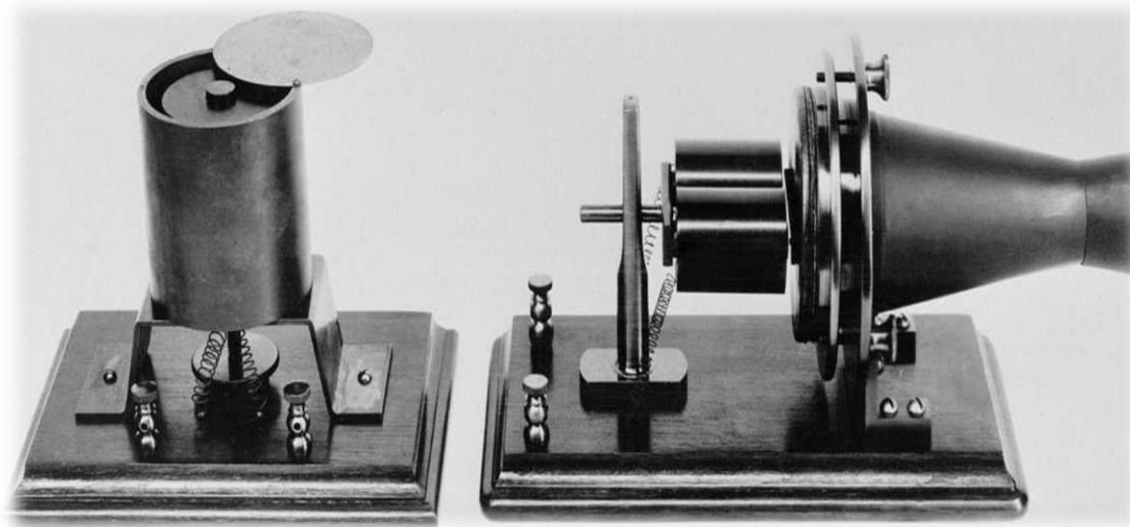
Your fortified premises must not become a house of (prox) cards

The “Good” News

The **technology** to apply High Assurance PKI identity management **policy** has been available for *decades*

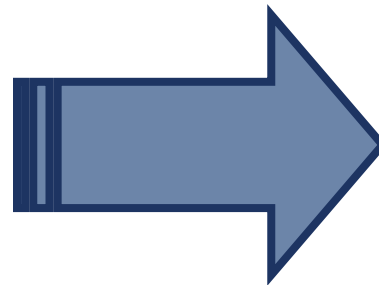
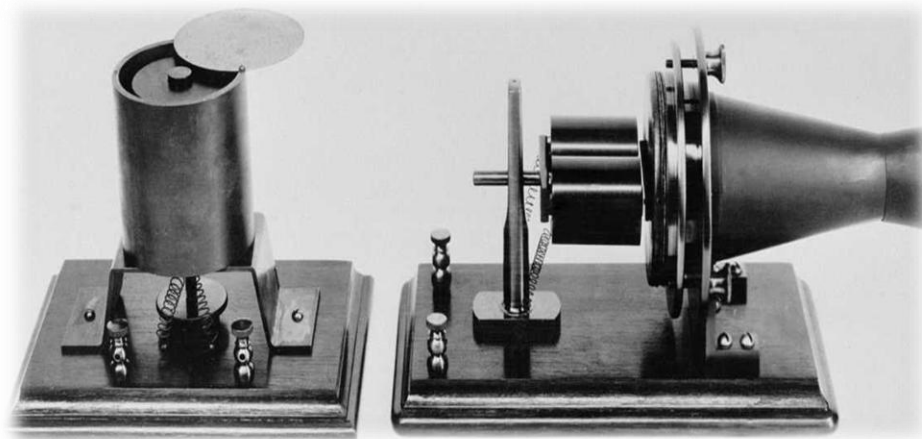
The Bad News

The **process** has always placed excessive **burden** on the people who support, operate, and implement it



CertiPath Has GREAT News!

Our singular focus is to make
High Assurance identity management
enterprise class for **critical infrastructure** clients,
with **automation** for common tasks to make
policy effortless to live with day to day

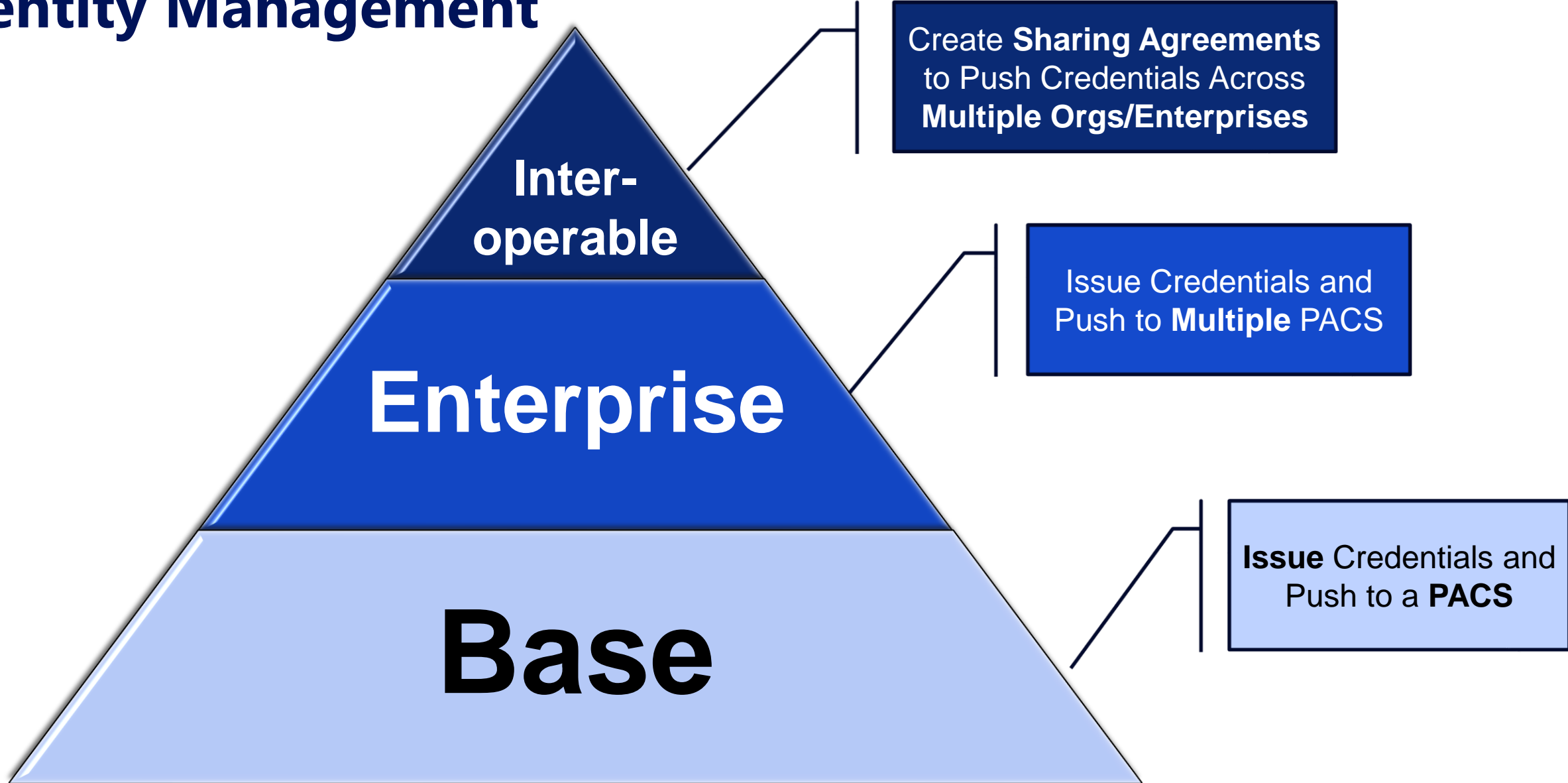


CertiPath Has GREAT News!

Our **services** team builds compliance across isolated departments inside your org to make it **easy** to go from low assurance prox cards to utilizing **High Assurance** credentials



Evolution of Energy Identity Management



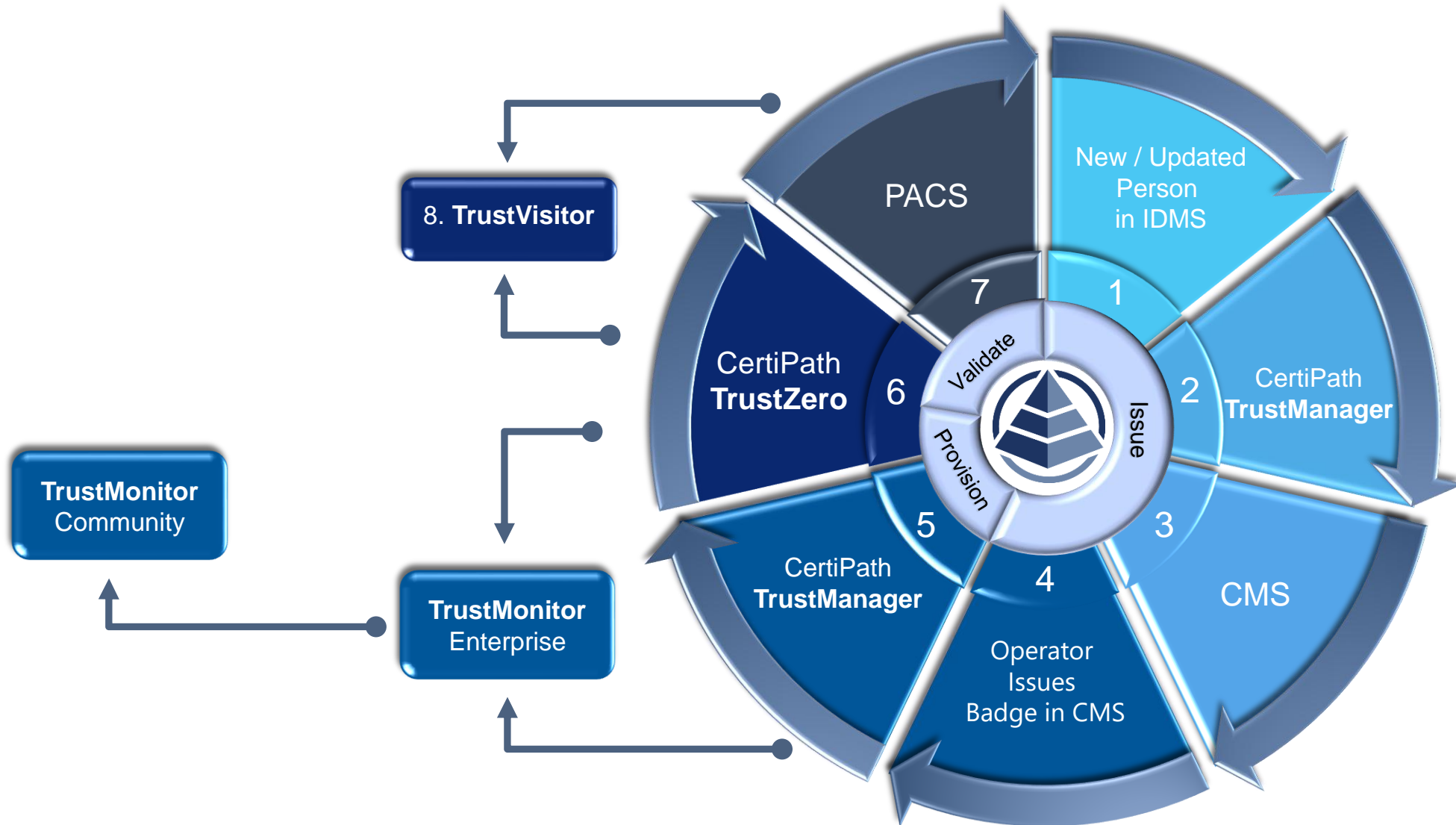
Key Features

TrustManager

TrustMonitor

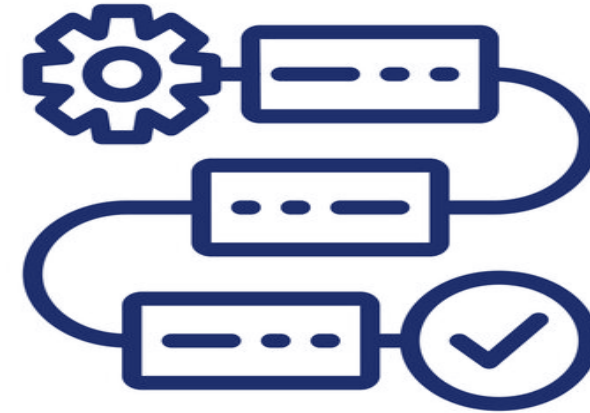
TrustZero

TrustSuite Issuing, Provisioning, and Validation Activities



TrustManager Overview

TrustManager is CertiPath's integration solution for **provisioning of Energy sector identity records and credentials** across PACS. TrustManager's custom **workflow** tool connects all phases of the **identity lifecycle** in one centralized application.



TrustManager, when paired with **TrustMonitor**, delivers **intercommunity provisioning** to support several disparate organizations **across the Energy vertical** that share a trust relationship to form a community.

Our solution provides **automated**:

- Physical access rights to each community member's employees
- Updates or removal of access when appropriate

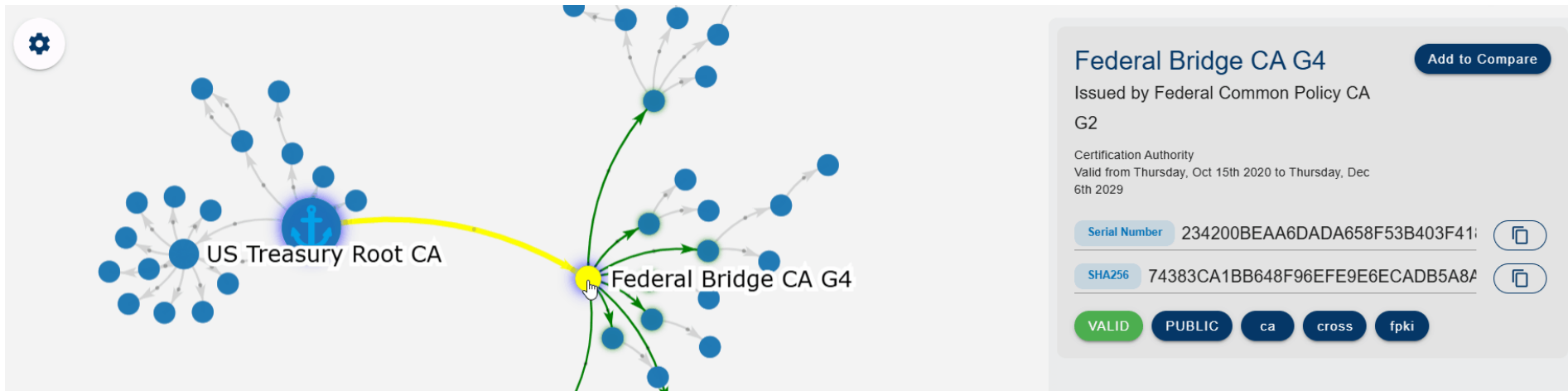


TrustManager Feature Summary

- ✓ **FICAM v2** physical identity access manager
- ✓ **Automatically** provision/update/deprovision identity and credential records to any PACS
- ✓ Compatible with all **PIV** applet-based, **proximity-based**, and **dual-hybrid** credentials
- ✓ **Workflow** tool to customize connections to multiple APIs:
 - Pull credential information from CMS or legacy systems
 - Transform data to send to other operational systems
 - Automate intercommunity federal provisioning
 - Receive and send secure system transactions (SFTP)
 - Configure pre/post processing rules
 - Troubleshoot workflows: maintenance mode, exception handling/retries
 - Compare/reconcile/remediate data sets across multiple systems

TrustMonitor Overview

- Public, community, and enterprise-specific settings
- Near-real time validation of credentials
- Focuses on PKI credentials and issuers
- Private instances for any roots of trust an enterprise/community may also wish to monitor



- Proactively tracks and “pushes” updated credential information to achieve quicker propagation and synchronization of credential status changes
- Streamlines the configuration of the trust path, ensuring accurate status
- Enables configurable constraints at a global and local level when using TrustZero

TrustZero Overview

TrustZero is CertiPath's **high-assurance credential validation** solution that provides robust **business logic** and **configurability** for a PACS' response to a range of validation conditions

The Problem: Dangerous Validation Time Lag

Current validation systems suffer from “**revocation blindness**,” a credential revocation typically takes **36 hours** to impact what happens at a door.

The Solution: TrustZero & TrustMonitor

Achieve near real-time knowledge of credentials via a sophisticated layer of status-checking techniques, which reduces this operational blind spot to **2 minutes**.



Would you hire blind Security Officers?



Would you give Lobby Guards 36-hour breaks?

TrustZero and TrustMonitor 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

TrustManager and TrustZero PACS Integrations



Key Features



TrustVisitor® Overview



TrustVisitor is CertiPath's solution for **high-assurance visitor management** for **critical infrastructure** facilities. TrustVisitor determines who a visitor is and then evaluates what **credential** they possess and if it will interoperate with all **PACS access points** the visitor will traverse.

The platform has been designed from the ground up with a specific view toward **high assurance** compliance. TrustVisitor helps organizations achieve **compliance** with HSPD-12, M-19-17, and National Institute of Standards and Technology (NIST) Special Publication (SP) 800-116-1.

TrustVisitor Workflows: Power + Flexibility

■ Visitor Information

- Customize visitor registration by location

■ Workflow Evaluators

- Register with a Smart Card?
- New or Returning Visitor?
- Accept Agreement?
- Response to any User Defined Field

■ Actions

- Require Custom Approval Step(s)
- Require Background Check
- Auto Approve
- Auto Reject
- Customize an Existing Notification
- Create a New Notification
- Require Event Preauthorization

■ User Defined Fields (“UDFs”)

- Set as Mandatory/Optional
- Set visibility to Lobby Guard and/or Approver
- Tooltip/Help Text
- Interactive preview window
- Customize display order
- Library for common values (states, countries)

■ Supported User Defined Field Types:

- Date
- Display Text
- Display URL
- Drop Down Select
- File Upload
- Switch/Check Box
- Free Text
- Radio Button

TrustVisitor Feature Summary

- ✓ Orchestrate and automate disparate visitor management processes with **workflow customization**
- ✓ Tailor data collected during visitor registration, by location, via **user defined fields**
- ✓ Automatically create high-assurance events through a **calendar tool**
- ✓ Accept and **validate** visitors' electronic credentials from pre-registration *through* the event start time
- ✓ Approve/Reject visitors via **email** or through an **Approvers module**
- ✓ Integrate with any **background check** service, with option to **re-run** background check on demand
- ✓ Automatically provision approved visitors into the PACS for the **duration of their event**
- ✓ Provision **temporary credentials** to non-smart card visitors or to employees who forgot their badges
- ✓ Provide access quickly and easily to **VIPs** and to **Unregistered** and **Unscheduled visitors**
- ✓ Enable visitors to check in for events via a touchless **kiosk**
- ✓ Print **paper** visitor badges
- ✓ View badge status and visitor history **reports**
- ✓ Bind a **scanned ID** to a visitor record or create a **new visitor record** from an ID scan

TrustVisitor Integrations

PACS



Validation Systems



Innometriks





TrustSuite

Feature Summary

CertiPath

➤ Your “**keys**” integrator

➤ Simplifies **High Assurance** credentials

➤ **Automates** the full credential enablement process

➤ Accommodates **High Assurance** credentials and **PACS** for all types of **employees** and **visitors**

➤ Supports **full High Assurance** credentials and PACS, and those that have **yet to fully migrate** to High Assurance

✓ **Trust** your locks and keys

✓ **Remove** dependency on **prox** credentials

✓ **Eliminate** manual **PACS/Badging enrollment** stations

✓ Secure **employee** badges on **day 1**, ensure **visitor** badges have **tailored provisioning** for visit

✓ Transition to **high assurance compliance** at your pace based on your organization’s unique **risk tolerance** and **readiness**

TrustSuite




























TrustManager/Zero/Monitor Differentiators

Key: **X** not supported ✓ partially supported ✓ FULLY SUPPORTED

| Feature | Typical Identity/ Access Management | TrustManager | TrustManager with TrustZero/TrustMonitor |
|---|--|--------------|---|
| Manage identity and access across diverse PACS infrastructure, including intercommunity federal provisioning, for e2e identity lifecycle management | X | ✓ | ✓ |
| Leverage data from smart cards to establish a common identity across government agencies | ✓ | ✓ | ✓ |
| Interoperable with multiple IDMS , CMS , and PACS | ✓ | ✓ | ✓ |
| Automate policy across enterprise to eliminate multi-organization or community policies | ✓ | ✓ | ✓ |
| Workflow tool for custom API connections | X | ✓ | ✓ |
| Continuous, near real-time validation of credentials and disables revoked credentials in PACS in near real-time | X | ✓ | ✓ |
| Smart card login authentication | X | ✓ | ✓ |
| Full support of standalone proximity-based credentials and dual-hybrid smart card/prox tokens | X | ✓ | ✓ |
| FICAM compliant | X | ✓ | ✓ |
| Supports Zero-Trust security model | X | ✓ | ✓ |
| Single application /lower total cost of ownership | X | ✓ | ✓ |
| Robust business logic tools to automatically enforce access management policies | X | ✓ | ✓ |

TrustVisitor Differentiators

Key:  NERC Requirement ✗ not supported  partially supported ✓ FULLY SUPPORTED

| Feature | Commercial Visitor Management | Typical High Assurance Visitor Management |  TrustVisitor |
|--|---|---|--|
| Require an electronic credential (card key) for access | ✗ |  |  |
| Ability for visitors to register a personal credential or have a temporary visitor credential assigned | ✗ |  |  |
| Provision tailored visitor access in facility access control system with continuous validation | ✗ | ✗ |  |
| Interoperable with multiple PACS at one facility | ✗ | ✗ |  |
| Intuitive UI for security personnel |  |  |  |
| Secure visitor activity logs , with reports detailing date and time of interaction with access points | ✗ |  |  |
| Point of contact for escorted and unescorted visitors | ✗ |  |  |
| Fully HSPD-12/FICAM compliant | ✗ | ✗ |  |
| Scheduled, unscheduled, unregistered, VIP visitors |  |  |  |
| Clientless email and calendar integration | ✗ | ✗ |  |
| Background check integration | ✗ |  |  |
| Fully customizable event and visitor workflows , driven by user defined fields | ✗ |  |  |
| Touchless kiosk check-in |  |  |  |
| Assign a temporary credential for a forgotten employee badge | ✗ | ✗ |  |

CertiPath

For additional info,
[click here](#)
to visit our TrustSuite Info Portal

IDENTITY



WITHOUT
COMPROMISE

