digicert®

EMBEDDED TRUST MANAGER

Enabling Secure Device Operations

Managing Complexities of Device Security

Embedded Trust Manager is the solution that brings device security to device operations. Embedded Trust Manager mitigates the complexity of managing security across the device cycle, with a set of tools that creates a unified approach to device trust and streamlines complex in-house device security development and management. Embedded Trust Manager enables organizations to excel within the highly variable and complex IT and OT environments that exist for connected devices.

Operate Securely in Any Environment

Embedded Trust Manager is an essential tool for securing and managing device security in a scalable and efficient manner, ensuring that devices can be trusted and operate securely in complex and interconnected environments. Embedded Trust Manager addresses complex IoT environments with an architecture and suite of tools that enable fine-grained operational control over devices, even after they have been deployed and are in operation. Embedded Trust Manager verifies a device's identity and ensures secure communication, allowing devices to operate securely in virtually any environment.

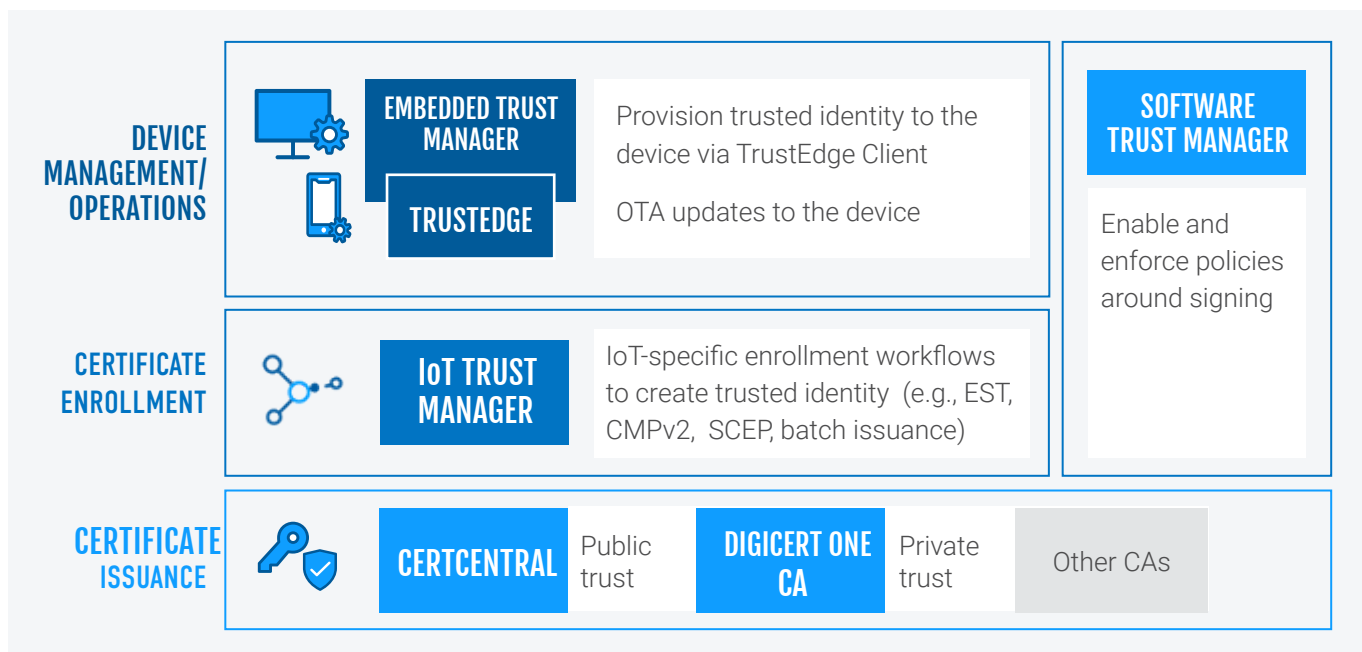## Continuous Security Using a Device Client Architecture

Embedded Trust Manager's unique architecture, utilizing both a portal and edge client, provides seamless control over deployed devices. By enabling continuous management of security, organizations can remotely manage device updates, device authentication, secure communications, and more.

Delivering Secure Device Operations

IDENTITY & PROVISIONING	DEVICE UPDATES	NETWORK TRAFFIC PROTECTION	MONITORING & TAMPER RESISTANCE	ECOSYSTEM INTEGRATION
Manage key and certificate lifecycles for device identity and authentication	Secure updates based on device type and policies in connected or air-gapped environments	Secure device communications on the network	Secure and protect the device for run-time operational integrity	Integrate with ecosystem services for authentication, provisioning, and analytics

digicert®

Solution Overview

Embedded Trust Manager benefits include increased protection against security breaches and attacks, improved device and network integrity, and reduced risk of data loss or theft in complex IoT device environments..

DEVICE MANAGEMENT/ OPERATIONS	**EMBEDDED TRUST MANAGER** **TRUSTEDGE**	Provision trusted identity to the device via TrustEdge Client OTA updates to the device		**SOFTWARE TRUST MANAGER**
CERTIFICATE ENROLLMENT	**IoT TRUST MANAGER**	IoT-specific enrollment workflows to create trusted identity (e.g., EST, CMPv2, SCEP, batch issuance)		Enable and enforce policies around signing
CERTIFICATE ISSUANCE	**CERTCENTRAL**	Public trust	**DIGICERT ONE CA** Private trust	Other CAs

The Device Trust Portfolio

Embedded Trust Manager combines with other products in the Device Trust portfolio to deliver a comprehensive solution for IoT device security. This comprehensive platform allows for the efficient implementation and management of IoT device and network security:

- **IoT Trust Manager** embeds and manages device identity at scale, supporting a broad range of certificate types and enrollment methods, meeting the diverse security needs and form factors of the connected device market.

- **Embedded Trust Manager** mitigates the complexities of managing security across the device lifecycle, allowing customers to avoid building complex in-house security applications.

- **Software Trust Manager** is a digital trust solution that protects integrity of software across the software supply chain.

If you would like to learn more how Embedded Trust Manager can support your IoT security objectives, please email pki_info@digicert.com for more information.

———