

Security for complex IoT device environments

Companies investing in Internet of Things (IoT) platforms and connected devices face a host of challenges when it comes to security. There is a complex and diverse mix of hardware, operating systems, and standards. There is high variance in form factor and memory needs from small to large workloads. Once devices are in the field, they need to be updatable, and legacy brownfield devices need to be able to communicate with new greenfield units.

Solving device lifecycle security concerns

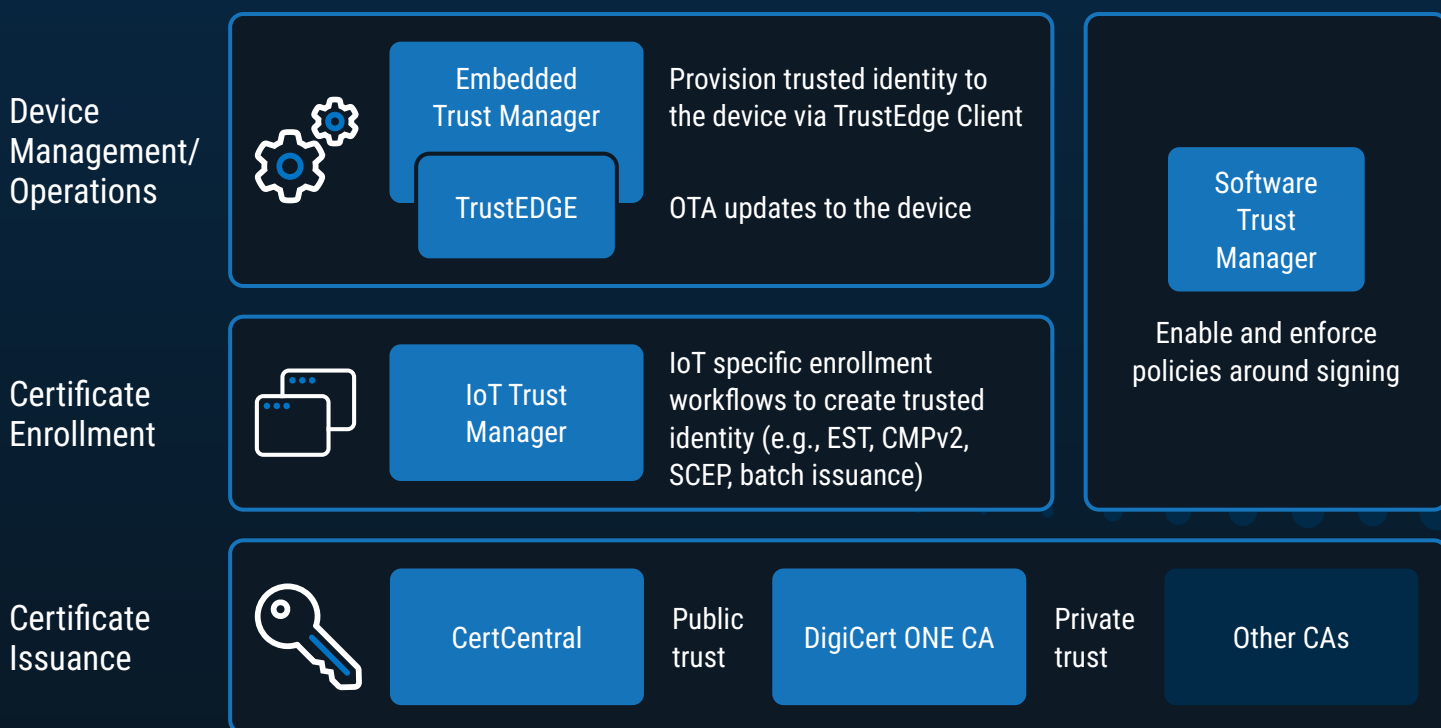
DigiCert Device Trust addresses these security challenges at each step of the device security lifecycle, providing customers with a means to manage device identity, secure connections, prevent device tampering, and update firmware and settings remotely and securely once in the field.

A comprehensive digital trust platform for IoT and connected devices

Device trust	Device provisioning	Device operations
- Trusted Identity - Key protection/generation - Device certificate issuance	- Signing code/firmware - Secure firmware updates - Secure device configuration	- In-field device monitoring - Certificate and key management - Signature/certificate validation - Mutual authentication - Secure communications - Secure device boot - Device enrollment to cloud services

Solution overview

DigiCert Device Trust addresses the needs of developers, manufacturers, and operators, accelerating solution delivery and hardening operational security throughout the device lifecycle.



Streamline your device security

Whether you are a chip manufacturer, a device maker, or a device operator, DigiCert Device Trust can:

- **Simplify** the complexity of developing for diverse environments, delivering secure updates to devices in operation, and/or ensuring device security
- **Accelerate** time to market, with prebuilt, plug-and-play device security applications that secure updates, communications, boot, authentication, monitoring, and more
- **Improve** your security posture, with security that begins with the chip and carries through to field operations
- **Enable** the full ecosystem, aligning security strategies across the device supply and operations chain

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

About DigiCert

DigiCert is a global leader in intelligent trust.

We protect the digital world by ensuring the security, privacy, and authenticity of every interaction. Our AI-powered DigiCert ONE platform unifies PKI, DNS, and certificate lifecycle management, to secure infrastructure, software, devices, messages, AI content and agents. Learn why more than 100,000 organizations, including 90% of the Fortune 500, choose DigiCert to stop today's threats and prepare for a quantum-safe future at www.digicert.com.