DigiCert® TrustCore SDK

Embedded Security with Proven Performance

digicert®

Build, Ship, and Secure with Confidence

DigiCert® TrustCore SDK is an open-source, production-proven cryptographic library designed to help you embed security into connected products from the start. With modular components, post-quantum readiness, and integration options for DigiCert® Device Trust Manager, TrustCore SDK gives you the flexibility and confidence to protect device identity and secure communications across embedded environments.

Key Features

Open-Source Access: Available under AGPL v3 licensing for transparent evaluation, integration, and community collaboration.

Modular Cryptographic Library: Lightweight C codebase supporting encryption, signing, hashing, and key management.

Cryptographic Agility: Configurable algorithm support to meet evolving standards and enable post-quantum readiness.

Secure Protocols: Built-in support for TLS 1.3, DTLS, MQTT, EST, and SCEP.

Hardware Integration: Compatible with secure elements and hardware-backed key storage.

Lifecycle Management Integration: Seamless interoperability with DigiCert® Device Trust Manager for certificate provisioning and policy enforcement.

Compliance-Ready Configurations: FIPS 140-2/3-aligned options for regulated environments.

Optimized Footprint: Designed for performance in constrained devices and real-time operating systems.

Proven Security and Faster Innovation

Production-Tested
- Deployed in embedded systems across healthcare, industrial IoT, and critical infrastructure.
- Designed for high-assurance environments with a track record of zero known vulnerabilities.

Accelerated Integration
- Modular C library simplifies implementation and platform adaptation.
- Open-source access enables transparent evaluation and rapid prototyping.
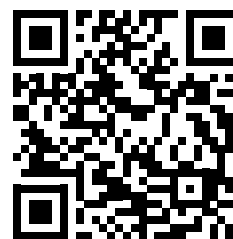
Future-Ready
- Cryptographic agility to adopt evolving algorithms and standards.
- Built-in support for post-quantum cryptography and FIPS-aligned configurations.

Ready to Get Started?

Explore the open-source repository or connect with our team at sales@digicert.com to discuss commercial options and integration support.
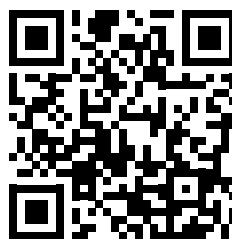
TrustCore SDK
GitHub Repo

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Product Page