CryptoManager™ Device Security creates a trusted path from the SoC hardware root of trust, to silicon and device provisioning, to downstream cloud-based services, with a complete silicon-to-cloud security solution.

**Improved Profitability**
- Improved time-to-market and reduced inventory waste
- Lower inventory costs with dynamic SKU and feature management
- Reduce operating costs through unified provisioning and device key management systems

**Superior Security**
- Provide a robust hardware root-of-trust
- Secure valuable secret keys, identity credentials, intellectual property, and other sensitive data
- Protect against cloning, counterfeiting, and reverse engineering

**Control the Value Chain**
- Actively monitor production status, availability, and inventory levels
- Validate process information through secure logs
- Leverage solutions proven in today’s high-volume manufacturing facilities worldwide
Overview

CryptoManager™ Device Security is a complete silicon-to-cloud solution, composed of security cores, provisioning infrastructure and cloud-based device key management. The CryptoManager Root of Trust provides strong SoC security anchored in hardware through a family of purpose-built secure co-processor cores. CryptoManager Provisioning performs the distribution of cryptographic keys to SoCs and devices across the manufacturing supply chain. CryptoManager Device Key Management is a cloud-based software platform enabling the deployment of key management services by chipmakers and system OEMs leveraging hardware-provisioned keys and certificates.

CryptoManager Device Security

Use Cases

Our platform provides a secure foundation for chip manufacturers and OEMs alike. This foundation provides a trusted path from chip-to-cloud for a variety of use cases:

- Device personalization, authentication and attestation
- Protection of device IP against reverse engineering through test, debug, and trace-port locking
- Flexible feature management for just-in-time device configuration to respond dynamically to market demand
- Production reporting and audit through secure manufacturing transaction logs