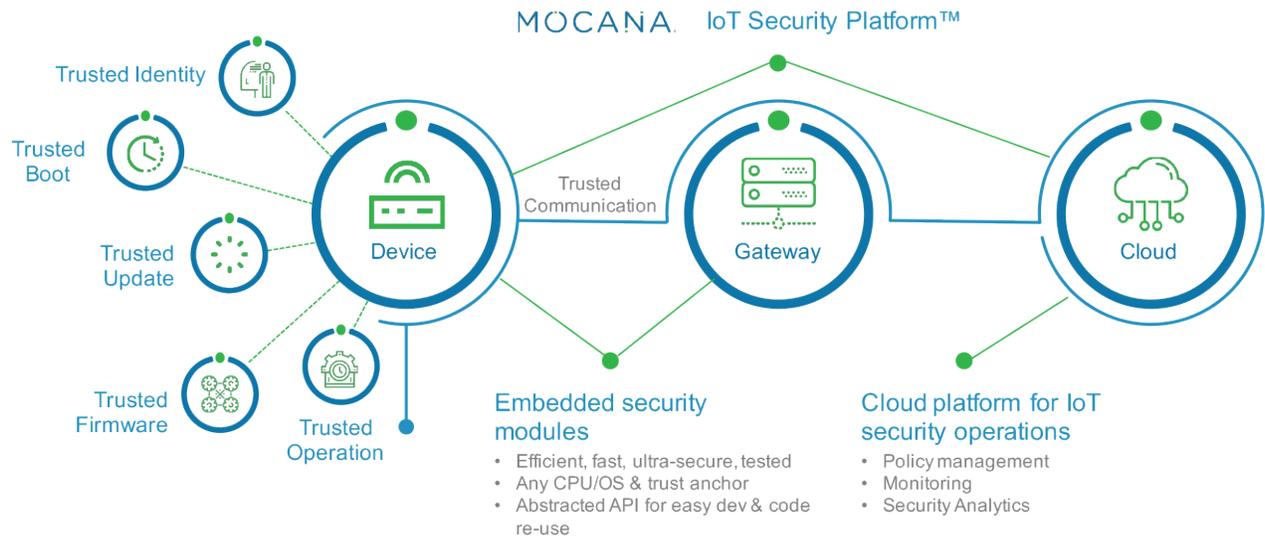


Mocana IoT Security Platform



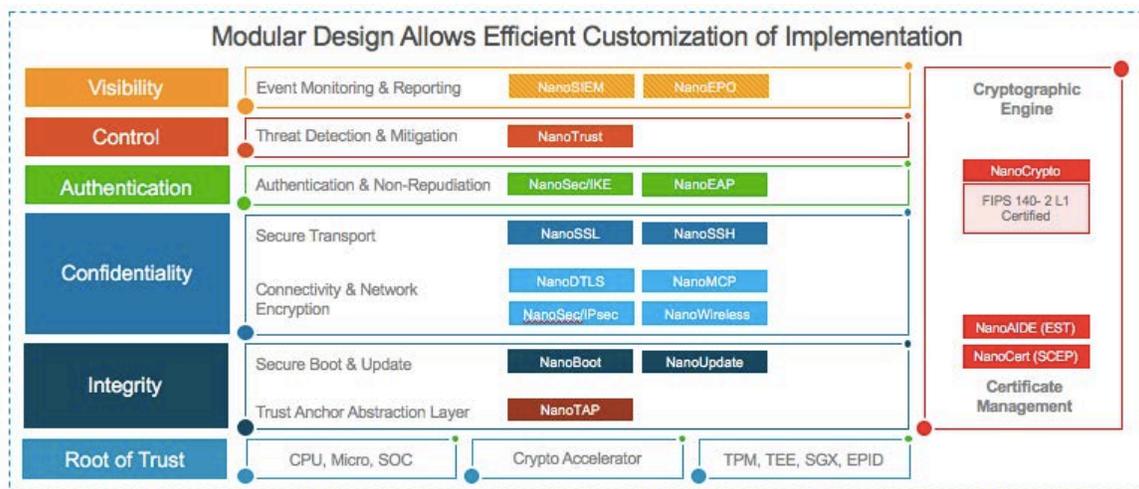
Mocana - Mission-Critical IoT Security Solutions

Mocana provides mission-critical IoT security solutions for embedded systems and the Internet of Things. Our software is used by hundreds of companies to secure millions of IoT endpoints, controllers and gateways. Our comprehensive device-to-cloud platform is designed to operate across complex, multi-vendor environments where performance and security are mission-critical.



Mocana IoT Security Platform

The Mocana IoT Security Platform is comprised of software modules and advanced services that can be customized and embedded into endpoints, gateways and cloud servers. Our platform goes beyond traditional perimeter-based security approaches by making devices trustworthy and enabling secure device-to-cloud communications.



Our cryptographic software authenticates each device by tying its identity to a hardware or software-based root of trust. Using our strong cryptographic engine and software modules for authentication, encryption and integrity validation, we are able ensure that devices and cloud applications that are part of the trust chain are in fact legitimate.



Why Mocana? | Trusted Mission-Critical Comprehensive



Device-to-Cloud Security Model

Mocana's IoT security solution for embedded systems goes beyond traditional perimeter-based security approaches by making devices trustworthy and enabling secure device-to-cloud communications.



Full-Stack Platform

Mocana's full-stack architecture and strong cryptographic engine ensure authentication, integrity, confidentiality, visibility and control for devices, gateways and cloud applications.



Military-Grade

Implemented in both commercial and military applications, our crypto libraries are FIPS 140-2 Level 1 certified and contain no open source code.



High-Performance

With a tiny footprint of less than 30KB, our crypto engine has been optimized for use in processing power and memory-constrained environments. Our software is fast and responsive for high-work factor ciphers, hashes and cryptographic functions.



Flexible

Mocana's highly-customizable, modular architecture enables customers to deploy only the code they need, enabling developers to eliminate unused code and ensure that the implemented software performs only the functions required.



Multi-Vendor

Mocana's solution is integrated with more than 70 chipsets, 30 operating systems and real-time operating systems (RTOS) and supports a variety of networking environments (SSL, SSH, multicast, IPSec, wireless and SCEP, EST).



Abstraction Layer and API

Mocana's software abstracts the underlying hardware, enabling polyglot applications to call cryptographic functions through a simple set of APIs. Our OpenSSL-compatibility interface allows customers to migrate their OpenSSL stack to a lightweight military-grade TLS stack.



Cyber Expertise

Mocana uses its deep cybersecurity expertise to assist customers with all aspects of security application lifecycle management, including: design, development, integration, validation, quality assurance, compliance and support.

Mocana Partner Ecosystem

Mocana's Partner Ecosystem is comprised of leading IoT technology and services providers.



About Mocana Corporation

Mocana Corporation provides mission-critical IoT security solutions for embedded systems and the Internet of Things. Founded in 2002, the company developed security software for embedded systems and mobile applications. In 2016, the company spun out the mobile application security business to focus exclusively on IoT security. Based in San Francisco, Mocana serves more than two hundred companies, including many of the largest manufacturing companies in the world that produce critical infrastructure: aerospace, chemicals, defense, electronics, energy, engineering, and transportation. We are privately held. Our investors include Shasta Ventures, Trident Capital, Sway Ventures, Southern Cross Venture Partners, GE Capital, Intel Ventures, Panasonic.

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