Security

Are your products PQC-ready, CNSA 2.0 and CRA-Compliant?

Post-quantum cryptography

Paving the way toward a quantum resilient future



Post-quantum cryptography (PQC) uses quantum-resistant algorithms, standardized by NIST as ML-KEM, ML-DSA, and SLH-DSA, to help protect data and communications from future quantum-computer based attacks. Main challenges are implementation, certification, and integration.

Infineon's certified security controllers support these NIST-standardized PQC-algorithms. Explore how Infineon products can help enable PQC-readiness and CNSA 2.0 compliance.

EU Cyber Resilience Act

Secured today. Compliant tomorrow.
Build connected devices ready for the
EU Cyber Resilience Act with
security-by-design solutions by Infineon



The **EU Cyber Resilience Act (CRA)** sets essential cybersecurity standards for IoT, smart home devices, and products with digital elements in the EU single market. It mandates security-by-design, conformity, effective vulnerability handling and long-term product security support.
Effective 12/2027, full compliance will be enforced for products sold in the EU.

Infineon is committed to helping customers navigate Cyber Resilience Act (CRA) requirements and leverage enhanced cybersecurity as an opportunity for growth and differentiation.