



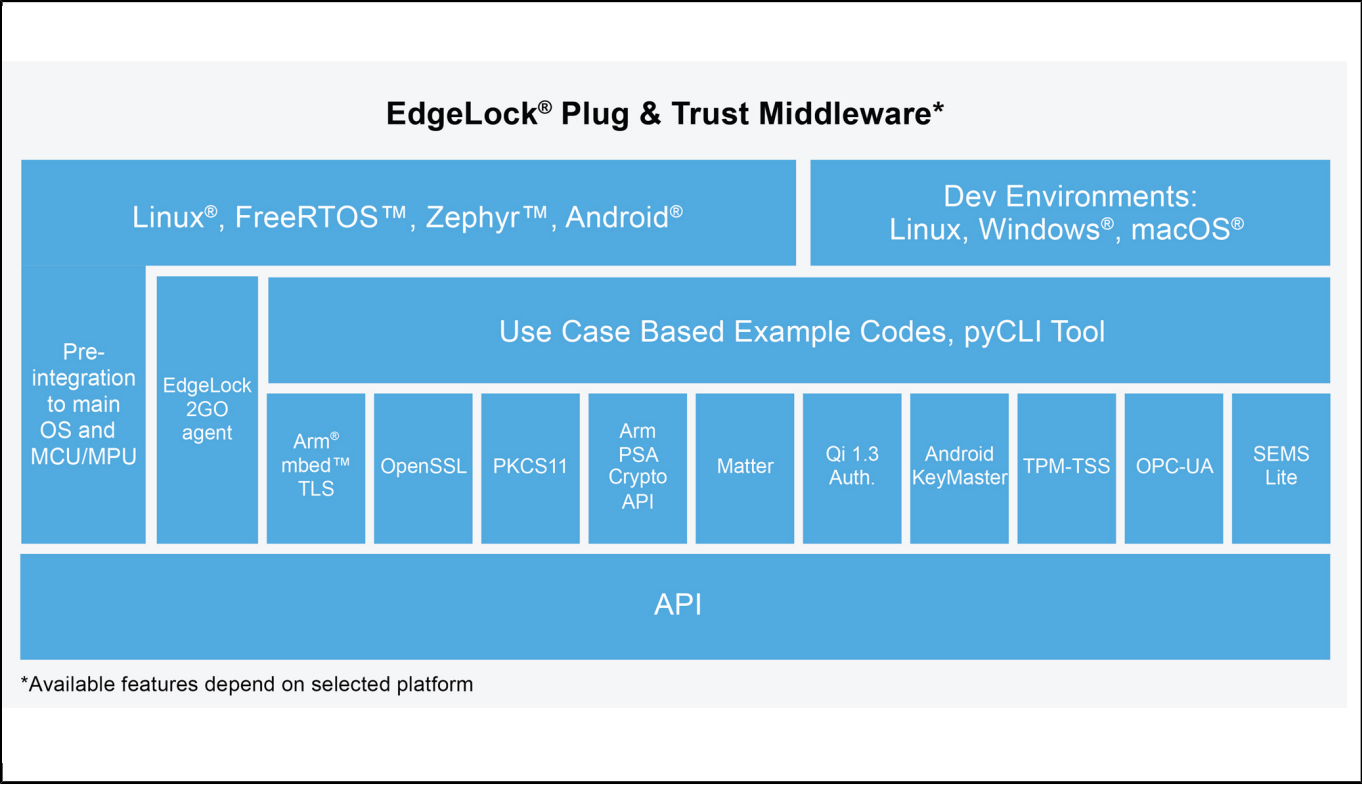
EdgeLock® SE052F: Secure Element with FIPS 140-3 Level 3 Certification

SE052F

Last Updated: Dec 23, 2025

As the need for security increases, and more government agencies require FIPS certification, manufacturers are using NIST FIPS compliance to meet regulatory requirements and indicate advanced security capabilities. The EdgeLock SE052F is a ready-to-use platform for secure Industrial IoT operations, runs cryptographic functionality and is the first hardware Secure Element certified to the latest version of FIPS 140-3 with Level 3, providing out-of-the-box FIPS compliance. Designed as a turnkey solution, it simplifies delivery of secure, differentiated industrial IoT devices. With the EdgeLock SE052F, devices targeting smart city, smart factory, healthcare and other industrial use cases can provide highly secure functionality while complying with the latest FIPS requirements.

EdgeLock Plug & Trust Middleware Block Diagram



View additional information for [EdgeLock® SE052F: Secure Element with FIPS 140-3 Level 3 Certification](#).

Note: The information on this document is subject to change without notice.