EdgeLock® SE051: Proven, Easy-to-Use IoT Security Solution with Support for Updatability and Custom Applets

SE051

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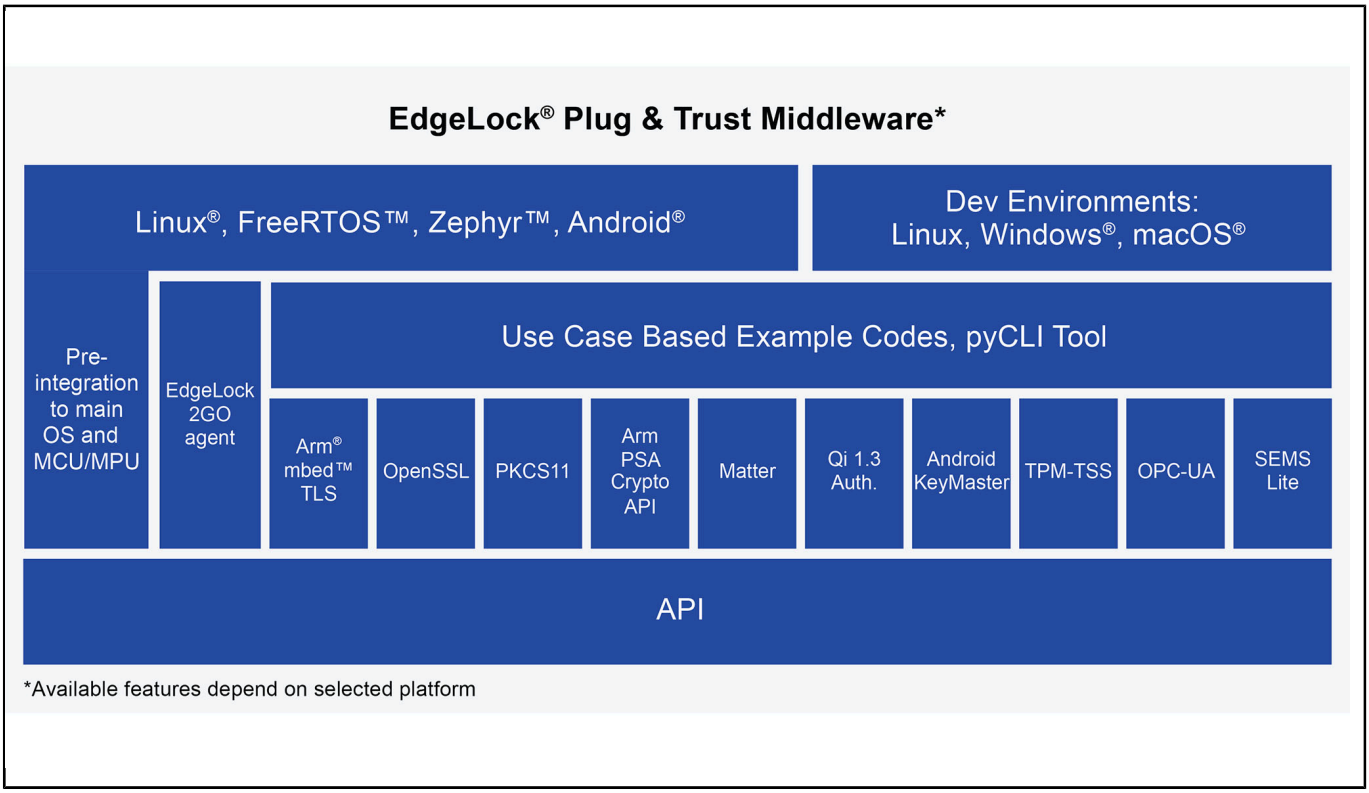
The EdgeLock SE051, an extension to the widely trusted EdgeLock SE050 Plug & Trust secure element family, supports applet updates in the field and delivers proven security certified to CC EAL 6+, with AVA_VAN.5 up to the OS level, for strong protection against the most recent attack scenarios. This ready-to-use secure element for IoT devices provides a root of trust at the IC level and delivers real end-to-end security – from edge to cloud – without the need to implement security code nor handle critical keys and credentials.

Future-proof security with SEMS Lite
The EdgeLock SE051 supports a lightweight, IoT-optimized version of the GlobalPlatform Secure Element Management Service (SEMS), making it possible to either update the EdgeLock SE051's IoT applet with various items, including updates for security maintenance in the field, applet upgrades or deploy newly developed applets post-shipment.

For own applet (SW on device) development please contact your local NXP representative.

Certified EdgeLock Assurance
The EdgeLock SE051, part of the Certified EdgeLock Assurance program, is designed to meet industry standards and follows NXP's security-by-design approach. It has been certified by an independent lab.

EdgeLock Plug & Trust Middleware Block Diagram



View additional information for EdgeLock® SE051: Proven, Easy-to-Use IoT Security Solution with Support for Updatability and Custom Applets.

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