



MCUXpresso Secure Provisioning Tool

MCUXPRESSO-SECURE-PROVISIONING

Last Updated: Jul 31, 2024

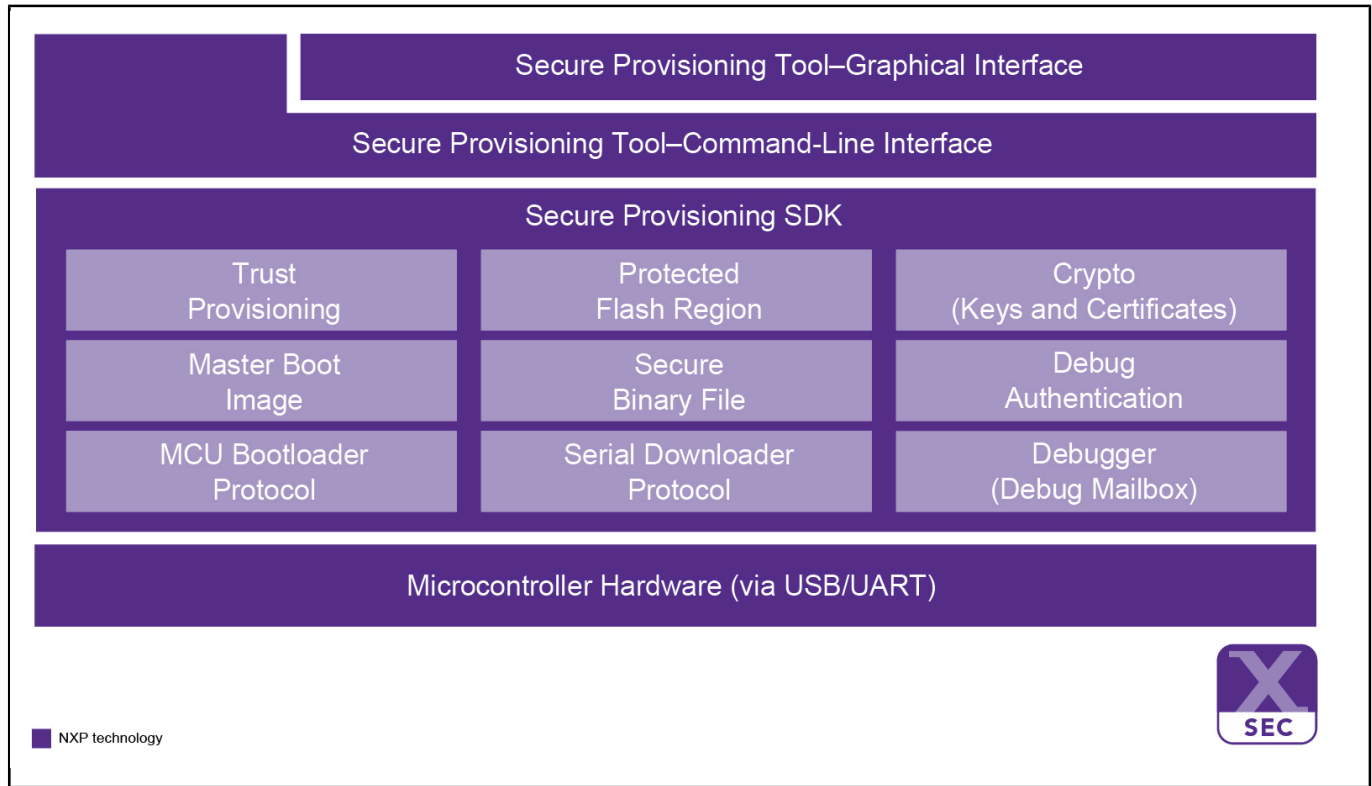
The MCUXpresso Secure Provisioning Tool is a GUI-based application provided to simplify generation and provisioning of bootable executables on NXP MCU devices.

The graphical interface provides a streamlined development flow, making it simpler to prepare, flash and fuse images while leveraging and providing access to existing utilities. Advanced scripting can be achieved using the command-line interface, while even more advanced secure provisioning flows can be accomplished by modifying scripts generated by the tool.

The latest releases of the Secure Provisioning Tool leverage low-level functionality based on the open-source [Secure Provisioning SDK](#). The Secure Provisioning SDK (SPSDK) provides a unified software library replacing many of the existing security utilities to provide a solid feature-rich security foundation across the full range of supported devices. Additionally, the Secure Provisioning SDK is available in source form for the development of fully customized provisioning workflows. Full API documentation is available at the following [link](#).

[Smart Card Trust Provisioning](#) and [Device HSM Trust Provisioning](#) are new security enablement of the MCUXpresso Secure Provisioning Tool for device provisioning and software IP protection.

MCUXpresso Secure Provisioning Tool Block Diagram Block Diagram



View additional information for [MCUXpresso Secure Provisioning Tool](#).

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

www.nxp.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2024 NXP B.V.