



Autonomous Secure Access Solution

AUT-SECURE-ACCESS

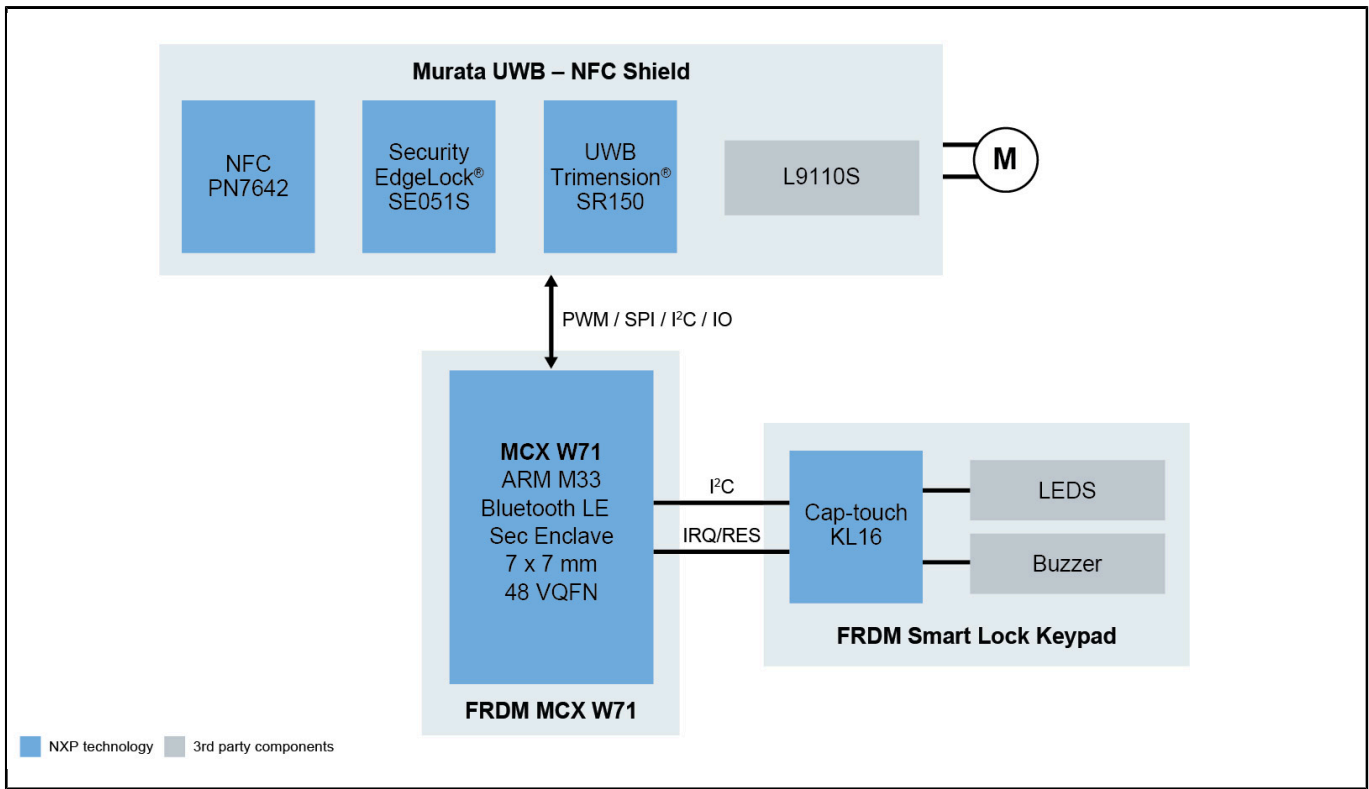
Preproduction

This page contains information on a preproduction product. Specifications and information herein are subject to change without notice. For additional information [contact support](#) or your sales representative.

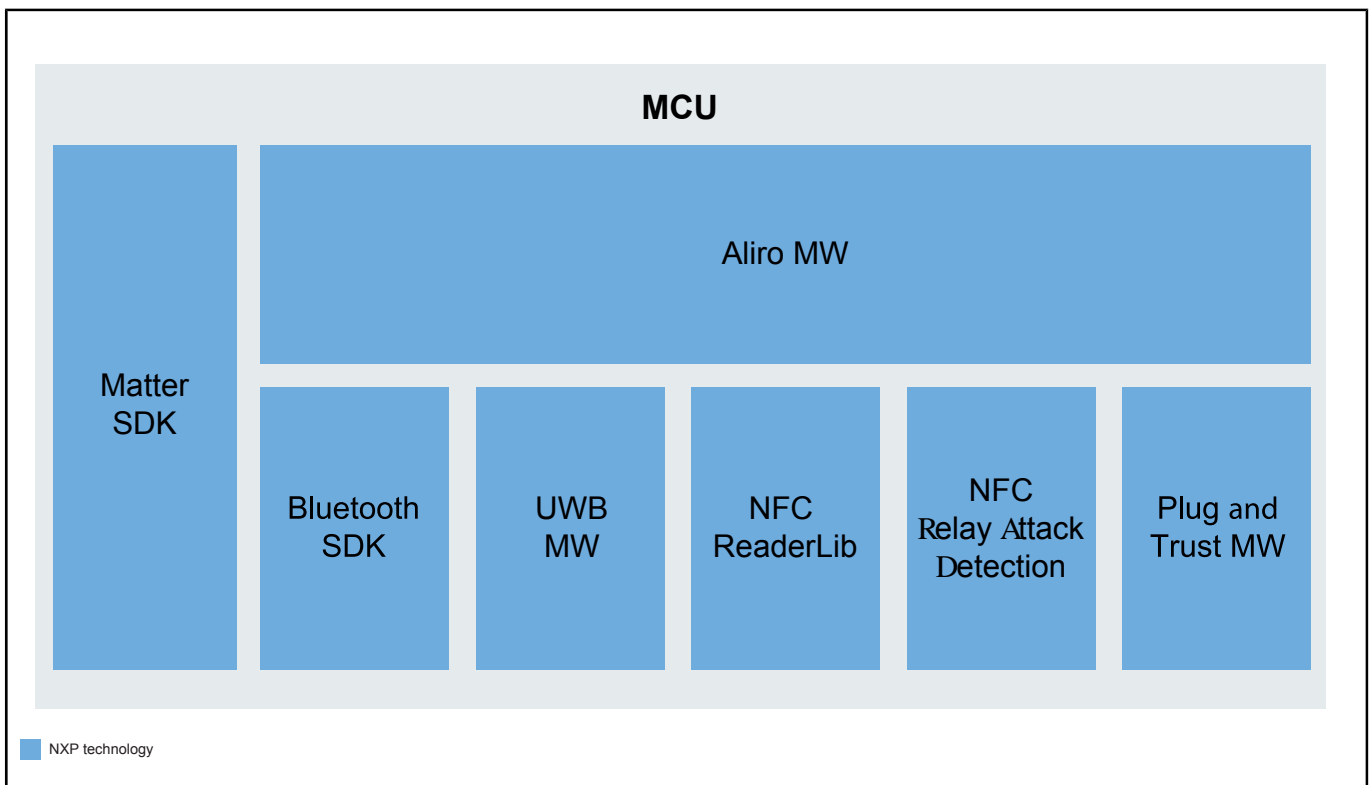
Last Updated: Mar 19, 2025

This highly integrated solution unifies secure access and autonomous technologies, streamlines development, and is mobile ecosystem ready. It's designed to address key requirements for access control such as accuracy of position of an authorized user's smartphone relative to the door, security and low power for extended battery life. This system solution enables the use of smartphones, wearables and smart cards to effortlessly and securely unlock doors and other openings. NXP provides the building blocks and integration of HW, SW, trust provisioning services and a variety of connectivity options – UWB, NFC, Bluetooth Low Energy - for a complete system solution. This solution is also designed to support Aliro, a new in-development standard in Connectivity Standards Alliance (CSA) to standardize a communication protocol between access readers and user devices. As an active contributor, NXP has a deep understanding of the technology.

Autonomous Secure Access Solution Hardware Block Diagram



Autonomous Secure Access Solution Software Block Diagram



View additional information for [Autonomous Secure Access Solution](#).

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. © 2025 NXP B.V.