

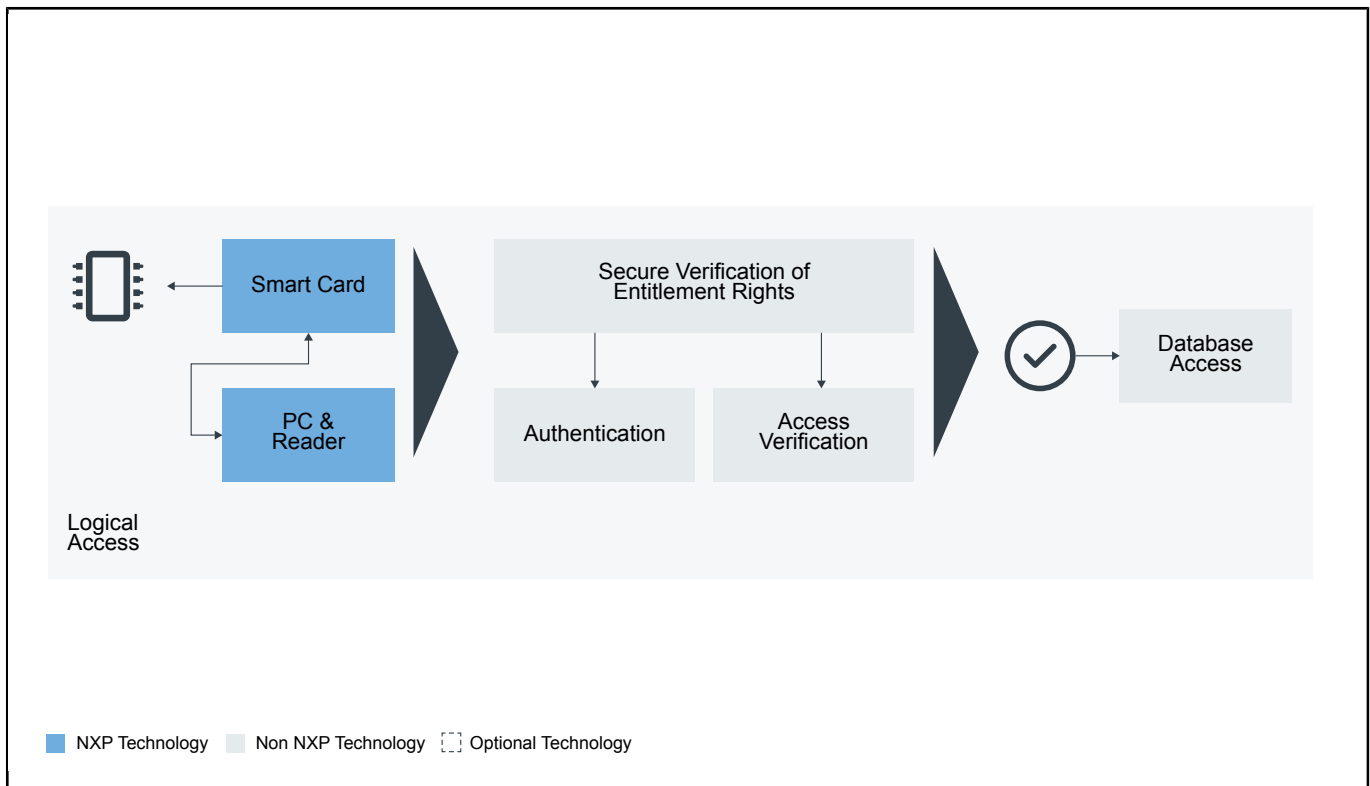


# Access Management

Last Updated: Nov 12, 2021

Managing access to buildings and information is crucial across different organizations. Using MIFARE products, NFC, Bluetooth® and UWB technologies, NXP’s physical and logical access solutions are scalable and can be tailored to individual users while being cost-efficient and convenient. The integration in different form factors, such as smart cards or mobile phones, as well as support for multiple-applications on one device, help to create seamless experiences without compromising security.

## Logical Access Block Diagram

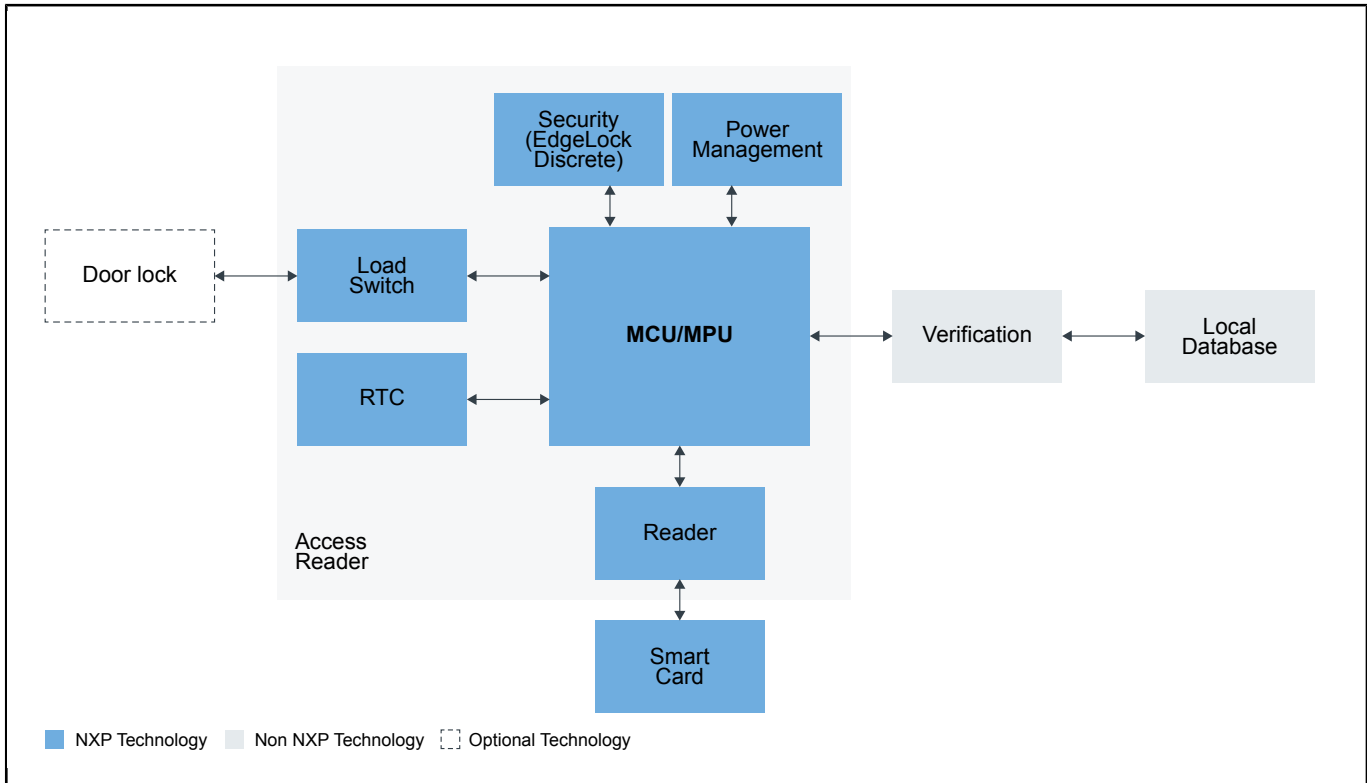


### Recommended Products for Logical Access

Smart Card	<ul style="list-style-type: none"> <li>• <a href="#">SmartMX3 P71D321: Secure and Flexible Microcontroller</a></li> <li>• <a href="#">SmartMX3 P71D320: Secure and Flexible Microcontroller</a></li> </ul>
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	<ul style="list-style-type: none"> <li>• <a href="#">SmartMX2 P60: Single/Dual Contact Interface Controllers</a></li> <li>• <a href="#">MIFARE DESFire: MIFARE® DESFire®</a></li> </ul>
PC & Reader	<ul style="list-style-type: none"> <li>• <a href="#">PN7462: NFC Cortex®-M0 All-in-One Microcontroller with Optional Contact Interface for Access Control</a></li> <li>• <a href="#">CLRC663 plus Family: High-Performance NFC Frontends</a></li> <li>• <a href="#">MIFARE SAM: MIFARE® SAM</a></li> </ul>

## Physical Access Block Diagram



### Recommended Products for Physical Access

MCU/MPU	<ul style="list-style-type: none"> <li>• <a href="#">K8x Secure: Kinetis® K8x Secure Microcontrollers (MCUs) based on Arm® Cortex®-M4 Core</a></li> <li>• <a href="#">i.MX RT Crossover MCUs: i.MX RT Crossover MCUs</a></li> <li>• <a href="#">i.MX6UL: i.MX 6UltraLite Processor - Low-power, Secure, Arm® Cortex®-A7 Core</a></li> </ul>
Power Management	<ul style="list-style-type: none"> <li>• <a href="#">PF1550: PMIC with 1A Li+ Linear Battery Charger for Low Power Processor Systems</a></li> </ul>
RTC	<ul style="list-style-type: none"> <li>• <a href="#">PCF8563: Real-Time Clock/Calendar</a></li> </ul>
Load Switch	<ul style="list-style-type: none"> <li>• <a href="#">Load Switches: Load Switches</a></li> </ul>
Smart Card	<ul style="list-style-type: none"> <li>• <a href="#">SmartMX3 P71D321: Secure and Flexible Microcontroller</a></li> <li>• <a href="#">SmartMX3 P71D320: Secure and Flexible Microcontroller</a></li> <li>• <a href="#">SmartMX2 P60: Single/Dual Contact Interface Controllers</a></li> <li>• <a href="#">MIFARE DESFire: MIFARE® DESFire®</a></li> </ul>
Reader	<ul style="list-style-type: none"> <li>• <a href="#">PN7462: NFC Cortex®-M0 All-in-One Microcontroller with Optional Contact Interface for Access Control</a></li> </ul>

	<ul style="list-style-type: none"><li>• <a href="#">CLRC663 plus Family: High-Performance NFC Frontends</a></li><li>• <a href="#">MIFARE SAM: MIFARE® SAM</a></li></ul>
Security (EdgeLock Discrete)	<ul style="list-style-type: none"><li>• <a href="#">EdgeLock® SE050: Plug &amp; Trust Secure Element Family – Enhanced IoT security with maximum flexibility</a></li></ul>

View our complete solution for [Access Management](#).

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

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