Access Management

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

<table>
<thead>
<tr>
<th>Smart Card</th>
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<tr>
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* MiFARE DESFire: MiFARE® DESFire® |
### PC & Reader
- PN7462: NFC Cortex®-M0 All-in-One Microcontroller with Optional Contact Interface for Access Control
- CLRC663 plus Family: High-Performance NFC Frontends
- MIFARE SAM: MIFARE® SAM

### Physical Access Block Diagram

#### Recommended Products for Physical Access

**MCU/MPU**
- MCX-N94X-N54X: MCX N94x and N54x MCUs with Dual Core Arm® Cortex®-M33, eIQ® Neutron NPU and EdgeLock® Secure Enclave Core Profile
- K8x Secure: Kinetic® K8x Secure Microcontrollers (MCUs) Based on Arm® Cortex®-M4 Core
- LMX RT Crossover MCUs: LMX RT Crossover MCUs
- LMX6UL: LMX 6UltraLite Processor - Low-Power, Secure, Arm® Cortex®-A7 Core

**Power Management**
- PF1550: PMIC with 1A Li+ Linear Battery Charger for Low Power Processor Systems

**RTC**
- PCF8563: Real-Time Clock/Calendar

**Load Switch**
- Load Switches: Load Switches

**Smart Card**
- SmartMX3 P71D321: Secure and Flexible Microcontroller
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**Reader**
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View our complete solution for Access Management.

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