



NXP® TapLinx Software Development Kit (SDK)

One open API, infinite possibilities

MIFARE SDK is now TapLinx, an open SDK with significantly increased functionality and customer support. TapLinx SDK eases the development of NFC-based mobile apps for Android on JAVA level.

The open API allows developers open access to all hardware features of NXP's NFC product portfolio. Experience our MIFARE®, NTAG® and ICODE® hardware features to build smart Android applications.

KEY APPLICATIONS

- ▶ Access management
- ▶ Closed-loop micropayment
- ▶ Campus and student cards
- ▶ Loyalty programs, couponing and gift card applications
- ▶ Gaming
- ▶ Libraries
- ▶ Smart homes, media and objects
- ▶ Customer interaction
- ▶ Transport applications
- ▶ Event management applications

KEY FEATURES

- ▶ Supports all MIFARE commands
- ▶ Supports several NTAG commands
- ▶ Supports several ICODE commands
- ▶ Easy development of contactless applications on any NFC-enabled device
- ▶ Pre-configured high-level functions for straightforward application development
- ▶ Example source code and documentation

- ▶ Installation manual and quick-start guide
- ▶ Tutorial for migration from MIFARE SDK to TapLinx
- ▶ SAM commands supported

INNOVATION FOR CONTACTLESS APP DEVELOPMENT

TapLinx provides a sophisticated and improved experience for the Android community to utilise the power of the NFC controllers built in today's smartphones. It leverages the development of contactless applications using any type of MIFARE, ICODE or NTAG products from NXP.

ONE-STOP SHOP

Get everything from one source with TapLinx developers, including the following services:

- ▶ Developer community with Q&A, sample codes and tutorials
- ▶ A distribution partner with support for the whole products (www.advanide.com)
- ▶ An online shop to buy NXP NFC product samples (www.nfc-tag-shop.de)
- ▶ One open API with full access on Java level for MIFARE, NTAG and ICODE products

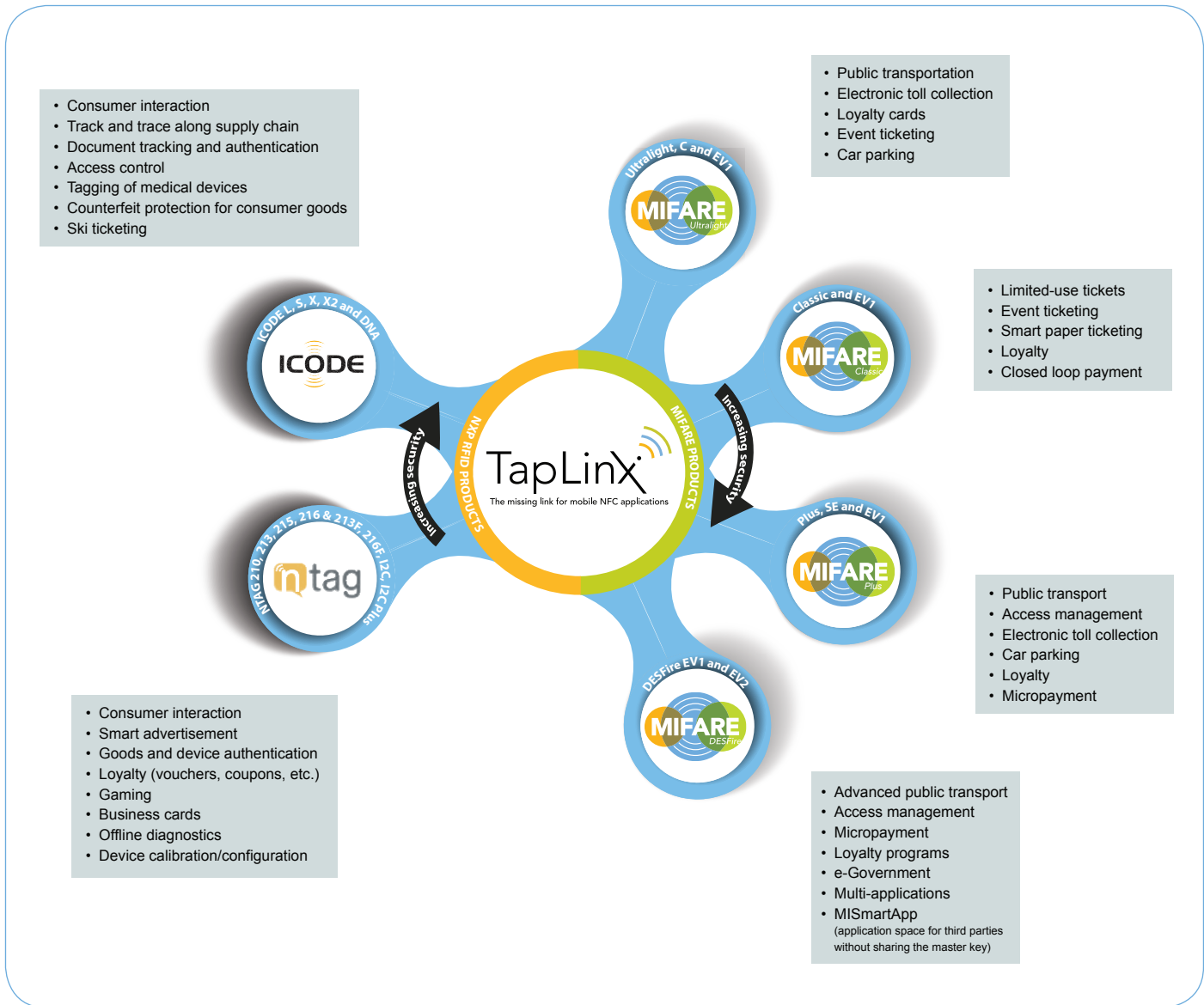


ONE OPEN API—INFINITE POSSIBILITIES

TapLinX supports every function and hardware feature of MIFARE, ICODE and NTAG products for free, without any complicated licensing model. It provides a subset of features

for quick, easy development of lightweight applications. The solution includes the full command set, supports all the features of several NXP NFC products and enables fast development of complex applications. For more information, contact us at taplinx@nxp.com.

SUPPORTED PRODUCT PORTFOLIO



Download TapLinX: www.mifare.net/products/tools/taplinx

TapLinX
The missing link for mobile NFC applications

www.nxp.com

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Date of release: September 2016
Document Number: TAPLINXLF REV 0

MIFARE
www.MIFARE.net