



TapNLink Instantly Links Systems to Mobile Devices & Cloud.



TapNLink

Secure Wireless Solutions

Enhance User's Experiences with Wireless Connectivity

Improve the way users interact with your consumer or industrial products by offering them customized human-machine interfaces (HMI) and Cloud-enhanced service. TapNLink supports you with:

- **Instant wireless integration**
- **Immediate HMI on mobile devices**
- **Customization by configuration only**
- **Rapid Cloud integration**



Turn-key wireless implementations for NFC, Bluetooth Low Energy (BLE), Wi-Fi, & more. Qualified FCC, CE, IC.



Integrates & customizes in minutes with software support for Android, iOS & Windows mobile devices & for Cloud integration.



Secured by design with configurable access control & dynamic, layered encryption. Security enhanced with NFC proximity wake up & initiation.



TapNLink removes technical hurdles by encapsulating these complex technologies. TapNLink eliminates risks & dramatically cuts time-to-market for wireless deployment.

Instant Wireless Integration without Redesign

TapNLink brings wireless directly to your system's microcontroller (MCU) without coding or extensive hardware redesign. TapNLink provides:

- Maximum reuse & minimum resources on the target MCU
- Qualified **NFC/BLE** or **Wi-Fi** with integrated antennas
- **Near Field Communication (NFC)** for proximity wake-up & pairing
- Accessories to facilitate mechanical integration



Immediate HMI on Mobile Devices

TapNLink enables rapid, easy creation of HMI that are tailored to different user types, on major mobile device platforms with:

- **Auto-generation of HMI** from our free *IoTize Studio* configuration software
- HMI tailored to user profiles & access restrictions
- API for **Android, iOS & Windows 10**
- Support of **Cordova & JavaScript**

TapNLink also provides **software & API to support Cloud platform integration**. When connected to your product, mobile devices can act as its gateway to the Cloud.



Customizes by Simple Configuration

TapNLink implements without design effort by providing features that implement by configuration. No coding or expertise is required to implement:

- **Data read/write with profile-based authentication & access**
- **NFC wake up & pairing** for security & ease-of-connection
- **Strong authentication & dynamic, multi-layer AES-128 encryption**



TapNLink Products

OEM Modules for Permanent Integration in Microcontroller-based systems

- **Standard Modules:** OEM wireless modules, powered by target system.
- **Accessories:** Optional hardware components that facilitate integration in finished products or systems.

Part N°	Host Protocols (Mobiles)			Target Protocols			MOQ
	NFC	Bluetooth (BLE)	Wi-Fi	UART	SWD	S3P	
STANDARD MODULES							
TnL-FIR103	●	●	○	●	●	●	20 ¹
TnL-FIW103	●	○	●	●	●	●	20 ¹
ACCESSORIES							
TnL-CUP-P2	Plastic casing for mounting of standard modules on target products.						100 ²
TnL-BTSK-P2	Sticker for external marking of casings for Bluetooth modules.						100 ²
TnL-BTSK-P2	Sticker for external marking of casings for Wi-Fi modules.						100 ²

Notes: 1. Sold in quantity multiple of 20.

2. Sold in quantity multiple of 100.

