



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

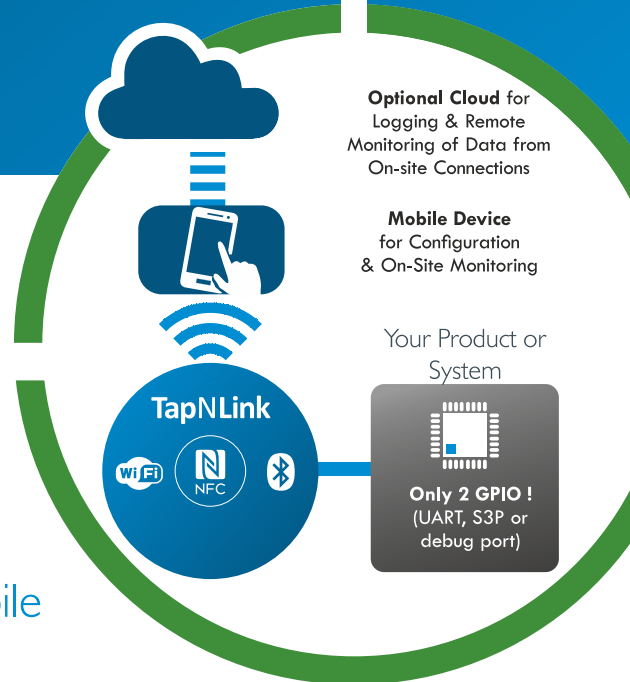


## Immediate HMI on Mobile Devices

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 <sup>1</sup>
TnL-FIW103	●	○	●	●	●	●	20 <sup>1</sup>
ACCESSORIES							
TnL-CUP-P2	Plastic casing for mounting of standard modules on target products.						100 <sup>2</sup>
TnL-BTSK-P2	Sticker for external marking of casings for Bluetooth modules.						100 <sup>2</sup>
TnL-BTSK-P2	Sticker for external marking of casings for Wi-Fi modules.						100 <sup>2</sup>

Notes: 1. Sold in quantity multiple of 20.

2. Sold in quantity multiple of 100.

