

Instantly Links Electronic Systems to
Mobile Devices & Cloud



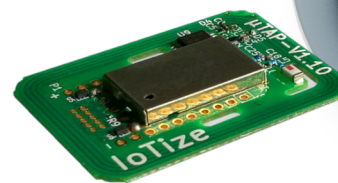
TapNLink

Secure Wireless Solutions

Enhance Users' 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 apps 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, or for Cloud integration.



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

FR

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EN



TapNLink removes technical hurdles by encapsulating 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 design reuse & minimum target MCU resource requirements
- **Near Field Communication (NFC)** for proximity wake-up & pairing
- Qualified **NFC/BLE & NFC/Wi-Fi** with integrated antennas
- Accessories to facilitate mechanical integration

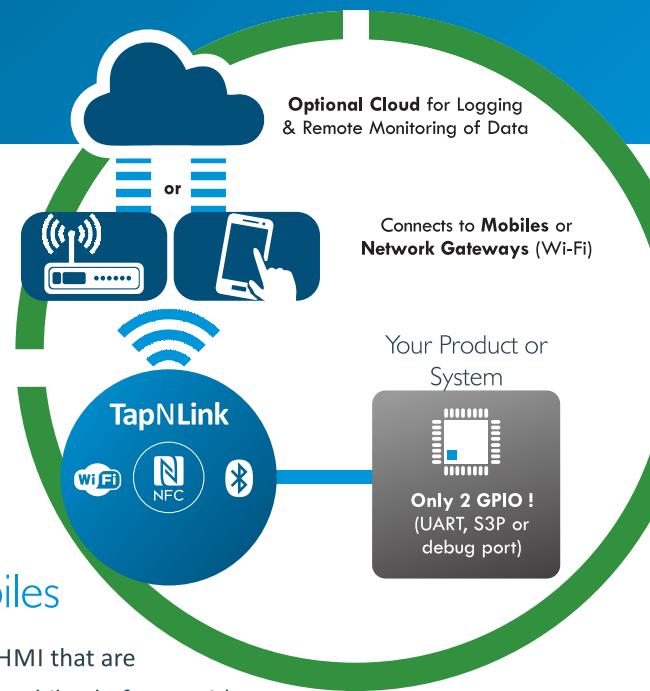


Immediate HMI on Mobiles

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

- **Auto-generation of iOS (IPA) & Android (APK) apps** from the free *IoTize Studio* configuration software
- HMI tailored to user profiles & access restrictions
- API for **iOS, Android & Windows 10**
- **Cordova & JavaScript** cross platform app support

TapNLink also provides **software & API to support Cloud platform integration.**



Customizes by Simple Configuration

TapNLink implements without effort thanks to features that you simply configure. No coding or expertise is required to add advanced features to your system like:

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



TapNLink Products

Wireless 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-FIT103	●	○	○	●	●	●	20 ¹
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.

