

Create Your Wireless
Proof-of-Concept in Minutes !



TapNLink

PRIMER - Wireless Evaluation Kits

Wireless PoC in Minutes

Transform any microcontroller-based design into a wireless Proof-of-Concept (PoC). Enable connection to mobile devices. Create and test customized human-machine interfaces (HMI), or connect to the Cloud for remote alarms.

TapNLink Primer supports you with:

- Instant wireless integration
- Instant HMI apps on mobiles
- Instant dashboards for Cloud Platforms
- Customization by configuration



Evaluate TapNLink's **wireless implementations** for Wi-Fi, Near Field Communication (NFC), & Bluetooth Low Energy (BLE).



Try TapNLink **integration & customization** & enable connection to mobile devices & Cloud. No coding required. Just connect & configure!



Evaluate TapNLink's **NFC proximity wake up & pairing** for improved security & ease-of-connection.



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

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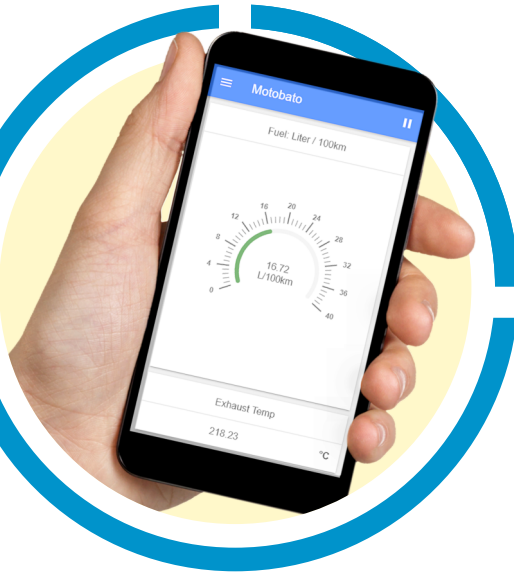
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Instant Wireless Integration for PoC

To create your wireless Proof-of-Concept (PoC), TapNLink Primer connects directly to your MCU application hardware without coding or hardware redesign.

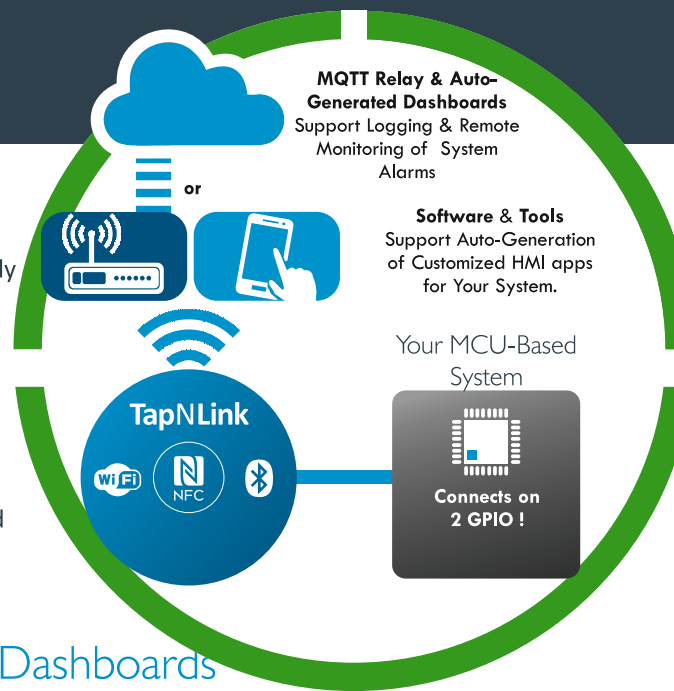
- Requires only **2 GPIO** on your MCU
- Supports **debug protocol** on Cortex-M MCU's for fastest integration
- Provides **NFC & BLE**, or **Wi-Fi** with integrated antennas
- **Library available** for quick PoC on non-Cortex **Arduino boards**
- Includes **STM32 Sensor Demo**, a fully functional sample to get you started



Auto-Generate Apps & Dashboards

Configure Primer in the free *IoTize Studio* environment to allow access to data from your MCU system from mobile devices, or from Cloud IoT platforms. IoTize supports you with:

- **ELF file import** of MCU resources including their types & addresses
- **Live view for app testing & single-click publication** of configurations & apps
- **Auto-generation of HMI apps** (APK, IPA)
- **Cordova & JavaScript support**
- **Open source MQTT implementation**
- **Auto-generated dashboards for supervision from Cloud IoT platforms**

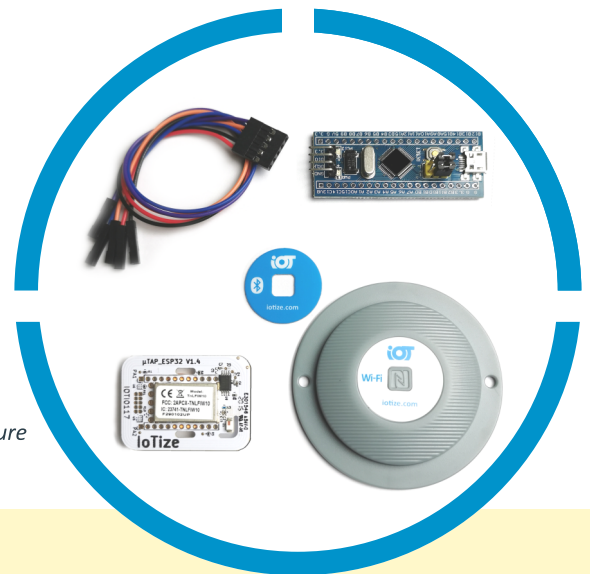


Customizes by Simple Configuration

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**

Note: Compared to standard TapNLink modules, the Primer is an evaluation tool. Some feature limitations apply.



TapNLink Wi-Fi Primers

Part N°	Host Protocols (Mobiles)			Target Protocols			Pricing (RRP)
	NFC	Bluetooth (BLE)	Wi-Fi	UART	SWD	S3P	

TAPNLINK PRIMERS

TnL-PRIMER-NB	●	●	○	○	●	●	39€
TnL-PRIMER-NBW	●	●	●	○	●	●	39€

INCLUDES: TapNLink wireless module, module firmware for mobile or Cloud connection, casing, connection cable, sample STM32 board & firmware. IoTize Studio configuration software, server-based automatic app generation tools (APK), Tap Manager utility app (Android, iOS).

NOT INCLUDED: Cloud platform and services. Micro USB cable for sample board power supply.

