TrustnGo
Plug & Play Security

Service Offering

Consulting & development services to Secure IoT & Embedded Products

In Brief

What could be worse than having your innovation stolen or seeing your product used to attack your customer's network ?

However, securing an embedded device can be a challenge due to constrained hardware & software, limited knowledges in cybersecurity technologies and a fast-changing market shaped by new regulations and customer expectations.

TrustnGo provides its customers with a wide range of services (consulting, development, trainings, …) designed to support them from the drawing up of product specifications according to applicable regulations through the security monitoring of their products over time.

Design	• Risk analysis • Conformity to RED and CRA regulations • HW & SW security architecture
Develop	• Integration of Secure Boot, Secure FOTA, SE, … • Cryptography and PKI • MCU or MPU, Yocto Linux, FreeRTOS, Zephyr OS, …
Certify & Maintain	• Consulting security certifications • Vulnerability monitoring over time

Markets

❖ **Wireless products**
  ✓ WiFi
  ✓ Bluetooth / ZigBee
  ✓ GNSS
  ✓ Transmitters
  ✓ Remote control

❖ **Consumer devices**
  ✓ Smart Home
  ✓ Routers
  ✓ Toys
  ✓ Wearables

❖ **Industrial & OEM devices**
  ✓ EV chargers
  ✓ Smart meters
  ✓ Microprocessors
  ✓ Operating Systems
  ✓ Access control
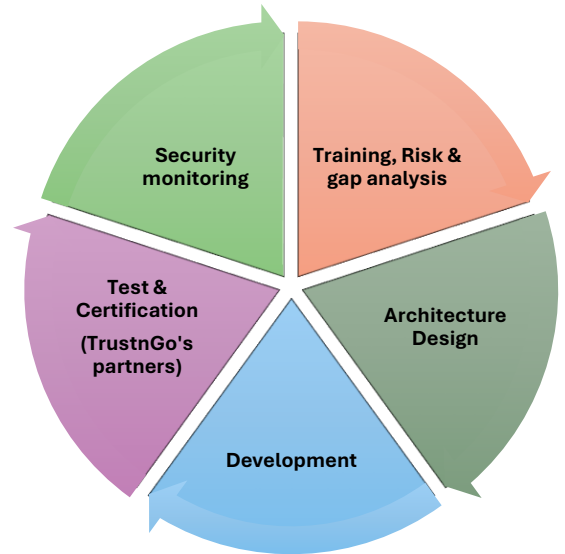 ✓ Smart Card
  ✓ Security devices

How TrustnGo can help with new EU regulations ?

During the past years, the EU has severely tightened cybersecurity requirements for IoT & embedded devices. In August 2025, the cybersecurity part of the 2014/53/UE RED directive will enter into force and all vendors of wireless digital products will have to fulfill the requirements of the related standard EN 18031.

Two to three years later, all products will digital parts (i.e. both hardware and software products) will be concerned by the same kind of requirements with the Cyber Resilince Act entering into force.

TrustnGo provides consulting & development services to tackle these challenges and help you to meet the regulation expectations the D-day.

TrustnGo' Scope of Expertise

TrustnGo also offers to companies seeking the highest levels of cybersecurity certification such as Common Criteria (CC), Certification de Sécurité de Premier Niveau (CSPN), Beschleunigte Sicherheitszertifizierung (BSZ) or Payment Card Industry (PCI).

Consulting

- **Risk analysis**
  - OWASP / STRIDE
- **Gap analysis versus**
  - EN 18031 / 303 645
- **Security certifications**
  - CC, CSPN/BSZ, SESIP, PCI
- **Cryptography and PKI architecture**
  - Cryptographic protocols
  - Provisioning of secrets
- **HW & SW security architecture**
  - TrustZone & ARM PSA
  - Anti-tamper, SCA, Fault injection

Development

- **Integration of security modules**
  - Secure bootloader
  - TrustZone, Secure Enclaves & Secure Elements
  - Crypto. libraries
  - Anti-tamper protections
- **Secure communications & protocols**
  - TLS based or proprietary protocols
- **Bare metal or OS based**
  - Yocto Linux
  - Zephyr OS
  - FreeRTOS
  - Thread X

Ready-to-use security software stack

TrustnGo also offers **TrustnSafe** **SDK** a complete, portable & easy to use software stack designed to protect your microcontroller based products and fulfill requirements of new cybersecurity oriented regulations.

TrustnGo
Plug & Play Security

https://trustngo.tech
+33 781 765 448
sales@trustngo.tech

TrustnGo S.A.S
20 rue Paule Marrot
33300 Bordeaux