MYNXG Security Principles

Hardware (TPM 2.0) based root of trust to protect against professional cyber security attacks

Blockchain optimized for IOT to create tamper-proof audit trails of critical events in real-time

ISA/IEC 62443 OT security to provide compliant service provisioning and automated system governance

Small trusted compute base (TCB) to enable minimal invasive design and reduce target evaluation area

End-to-end data encryption up to moment of use to protect data and privacy at all times

Public key infrastructure (PKI) to manage and update individual keys

Security zones and layers to limit the impact of cyber security attacks to a minimum

ISO 27001 IT security compliant to provide secure product design and digital services

Confidential, Integrity and Availability (CIA) to protect each component in the integrated system

CTIA IOT cybersecurity certified devices to provide third party validated security

Over the air (OTA) security and software updates to keep the system in its best possible state over the lifecycle

MYNXG trusted compute base (TCB) with its TPM based end-to-end security meets the highest industrial security standards. MYNXG provides industrial equipment manufacturers with best in class industrial IOT security architecture that complies with industrial standards like CTIA cybersecurity and the ISA/IEC 62443.