

INeS BOX - PKI FOR MANUFACTURING

Currently enforced by major standards (Matter, EV-charging, Medical IoT, US Cyber Trust Mark...). Digital Identity Provisioning is an essential first step in production to ensure security throughout the device lifecycle



Secure

- Secure and simplify the ID generation process
- Remove room for human errors
- Ensure trust in the manufacturing operations



Cost Effective

- Shorten manufacturing time cycle
- Implement a PKI close to production line



Automate & Scale

- Fully automate the provisioning operation
- Fit with volume increase in production



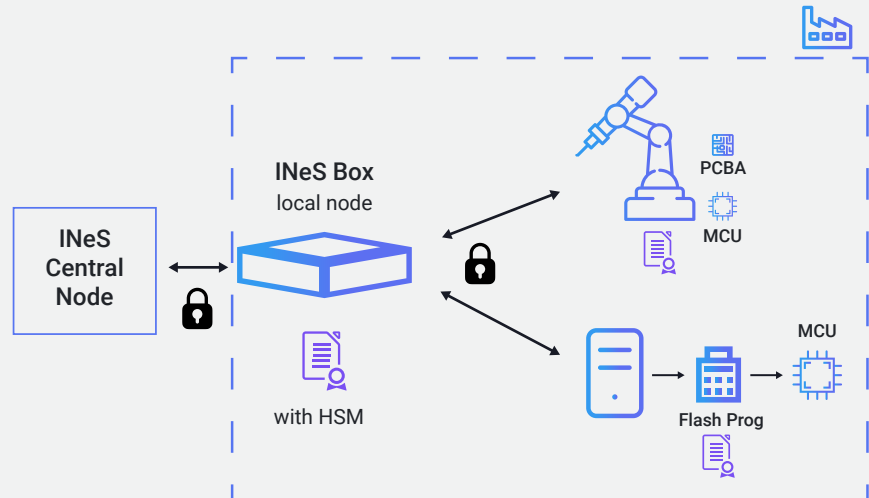
Product Services

- Generate and inject unique data per device (Private key, Certificate...)
- Generate random data
- Concatenate various data from different sources and generate unique data for personalization
- Secure storage in the programming facility
- Overproduction control: signed whitelist and blacklist, signed batch report

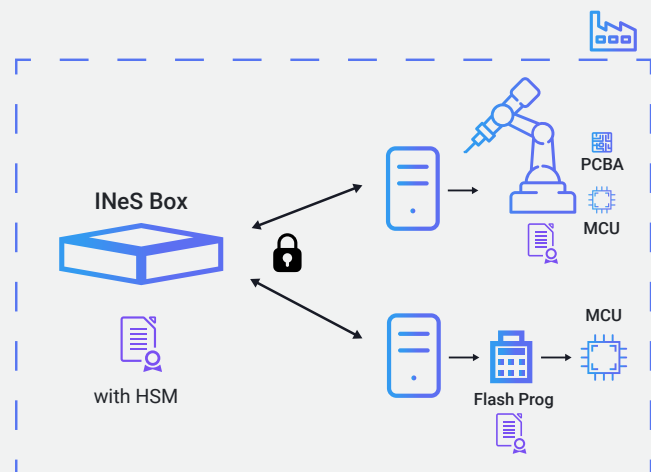
Digital Identities Provisioning for Manufacturing

- Address needs of manufacturers and integrators (OEM, ODM, EMS...) for connected devices.

Option 1 : Off-line



Option 2 : on-line with local PKI



INeS BOX

Secure computer :

- Portable industrial computer
- 128 GB SSD
- HSM FIPS 140-3
- Secure OS and SW update
- Secure connection
- Application server with User interface (UI)
- Credits for a preset number of certificate
- Technical support for installation