



Provision and onboard any chip to any device management system without compromising on security, flexibility and scalability using Cryptera's flexible all-in-one solution.



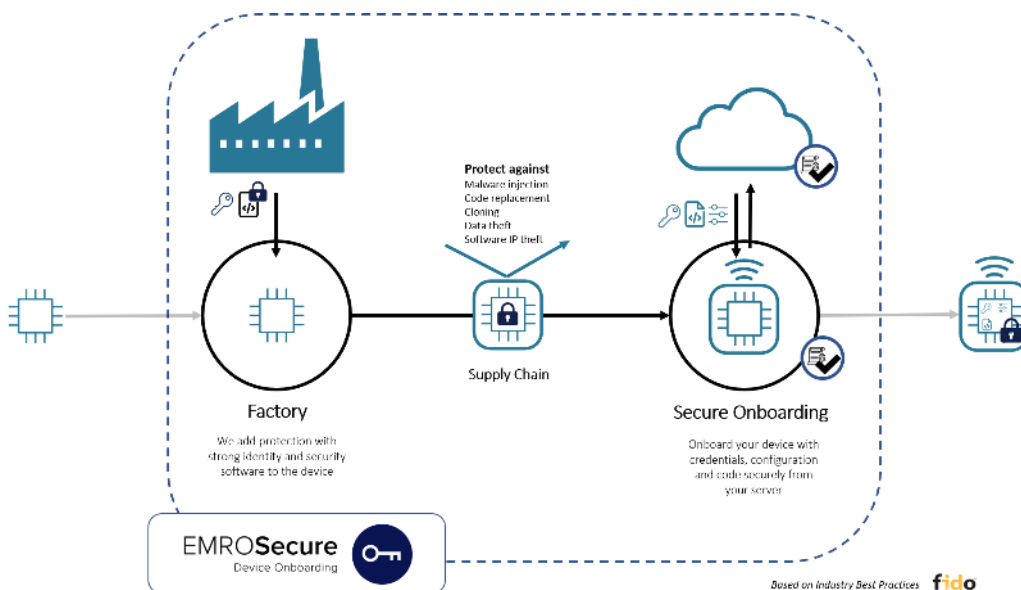
OVERVIEW

Our solution provides a simple, flexible and secure way for connected devices to connect to their device management system.

Simple means shorter device setup time with less possibility for human error.

Flexibility means full flexibility in software and data configuration at any point in the supply chain.

The product achieves this by leveraging strong device identity and exploiting our security foundation.



HIGHLIGHTS

Security

- Secure initialization of device
- Trusted device identity and secure foundation
- Security levels aligned with key standards (e.g. IEC 62443-4-2)
- Secure provisioning client deploys to any manufacturing facility and process flow
- Provision sensitive security parameters securely in untrusted environments
- Secure logging

Flexible and Scalable

- Zero-touch provisioning and onboarding
- Change backend, sensitive data and security credentials after device manufacturing
- Multiple Cloud Device Management Compatibility
- Multibite Device Compatibility - hardware independent
- Simple system integration
- Avoid vendor lock-in across the supply chain
- Reduce capital expenditures

Standards and legislation

- Based on FIDO Device Onboard (FDO)
- Aligns with IEC 62443-4-1/4-2 and ETSI EN 303 645
- Advice on upcoming EU legislation (CRA & RED)



FLEXIBLE AND SCALABLE DEPLOYMENT OF YOUR DEVICES

Secure device onboarding from Cryptera enables zero-touch onboarding at scale, based on strong industry standards - FIDO Device Onboard (FDO).

With our solution you can equip your chip with a strong protection and identity in your factory, protecting your device against supply chain threats.

Using this security foundation and our solution, device keys and configuration are downloaded securely after your device is sold, and registered when it's turned on. This means you can configure your device and choose what backend your device will be using at any point in the supply chain.

With this flexibility you get secure generic devices in the supply chain that are easier to handle in manufacturing and in distribution.

About Cryptera

For more than 30 years, Cryptera has supported customers across virtually every sector and continent with over two million world class security solutions installed worldwide. We are experts in the fields of encryption, certification and secure provisioning. We offer a full span of solutions comprising of hardware, software and services to protect sensitive information using cryptographic methods and secure processes.

With in-house manufacturing, R&D and support functions, Cryptera has a vast experience to ensure that solutions meet various regulatory compliances and standards. Our team of engineers and experts can help you to create robust device security with the highest security measures, to safeguard your connected devices.



Scan the code with your smartphone and get more information about Cryptera

