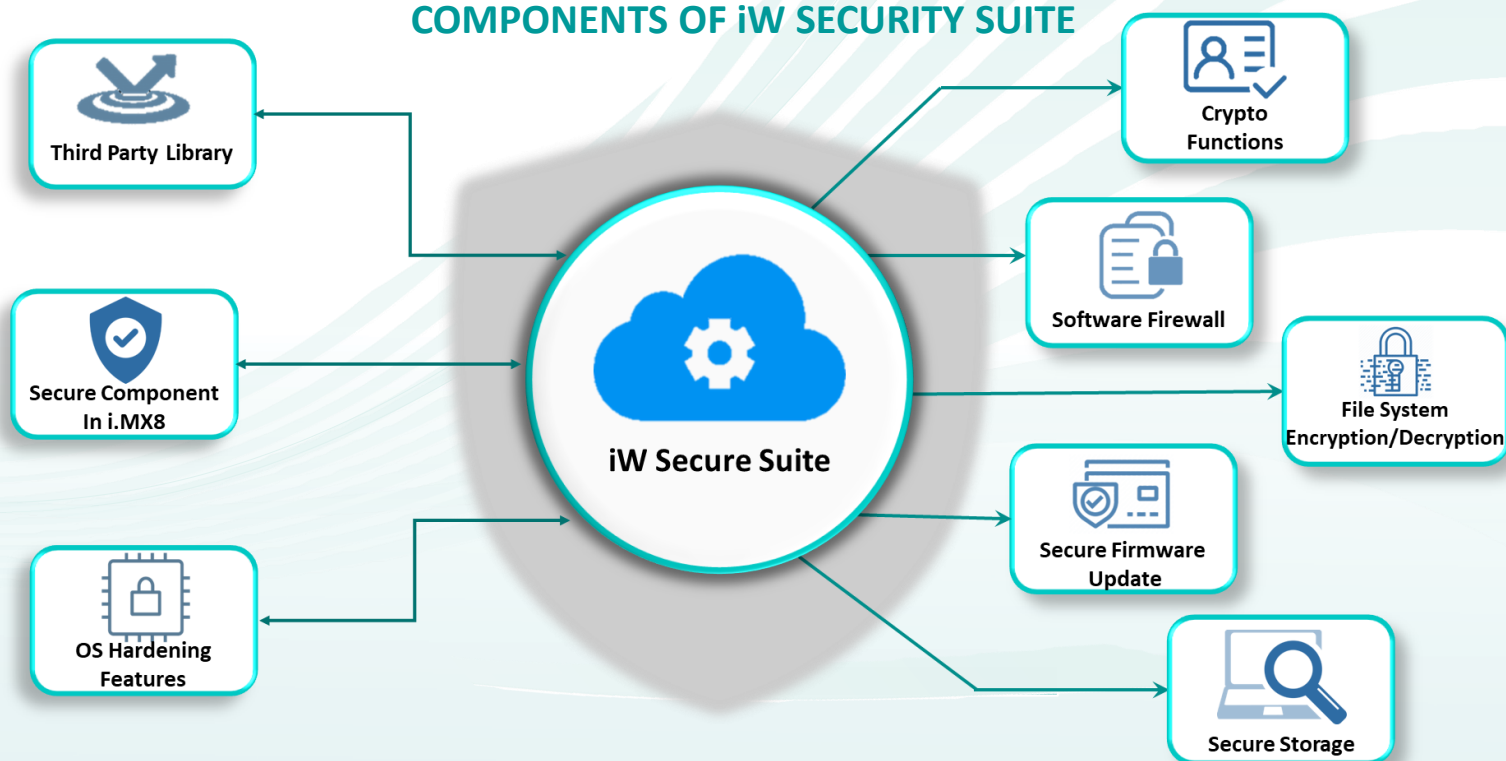


Built on the i.MX8 Development platform, the iW Security Suite offers a safe and secure environment with security functions for encryption, storage, data transmission and certificate management for Critical Sensitive data and applications. The iW Security Suite also makes it easy for device manufacturers to develop, manufacture and maintain secure and reliable products.

COMPONENTS OF iW SECURITY SUITE



SUPPORTED PLATFORMS:

i.MX 8 SOM

KERNEL VERSION:

Linux Kernel 4.14.98

DELIVERABLES:

Sample Demo Source Package

iW Secure Suite Libraries

API Document

VALUE PROPOSITION:

- Easy to Use APIs to access Secure Services
- Provides End to End solution
- Supports Customization
- Complete product support, Hardware & associated BSP
- Porting support

APPLICATIONS:



Automotive Security



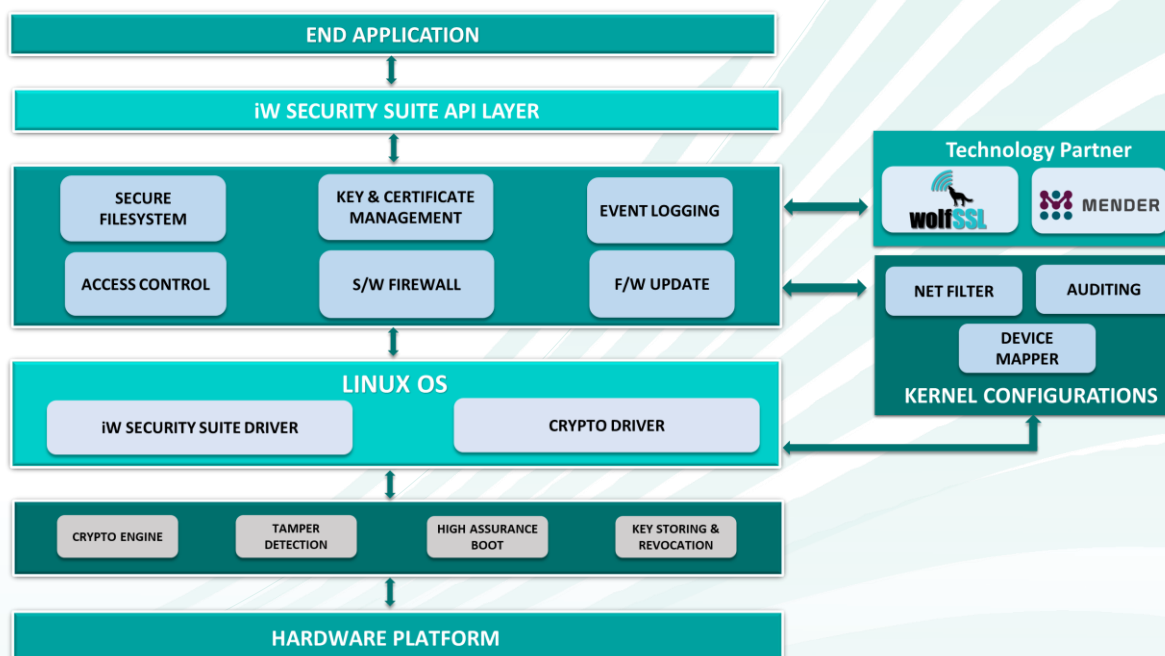
Industrial IoT



Smart Home

The iW Security Suite provides easy to use APIs which helps developers to work on their End Applications.

Developers do not need to worry about enabling any secure services since iW Security Suite APIs will take care of that.



iW SECURITY SUITE INCLUDES:

- Crypto functions with wolfSSL integration
- Key and Certificate Management
- File System Encryption/Decryption
- Secure Storage of Data
- Software Firewall to restrict unwanted access from unknown source
- Secure firmware update
- Event reporting: All Secure and Non Secure events will be recorded. Access to those events is done using iW Security Suite's Event Logging APIs.

THE TECHNOLOGY PARTNERSHIP WITH MENDER PROVIDES ACCESS TO:

- Over-the-air software updates for applications, system, security patches and OS
- Robust and failsafe support with a dual A/B partition
- Automated Delta updates with atomic rollback
- Signing and verification of image artifacts for authenticity and integrity
- Dynamic deployments, Phased rollouts, Role-based access control & Multi-tenancy
- TLS and HTTPS interface support for the artifact download from the server (Managed mode). Standalone depends on the provided server