

INTEL® SECURE DEVICE ONBOARD ENABLED BY INTEL® ENHANCED PRIVACY ID

Ignite IoT Deployments: Zero-Touch, Secure Device Onboarding at Scale



INTEL® SECURE DEVICE ONBOARD (INTEL® SDO)

Place, power, provision in seconds

Intel SDO simplifies and accelerates time-consuming onboarding to IoT Device Management Platforms.

INTEL® ENHANCED PRIVACY ID (INTEL® EPID)

Protect IoT devices with immutable hardware identity

Built into the silicon, Intel EPID creates a privacy-preserving group authentication scheme and encrypted tunnel between the device and IoT platform. This makes onboarding untraceable to hackers.

TRUSTED IOT ONBOARDING IN SECONDS

The Intel Secure Device Onboard service quickly attests the device and rendezvous the device to the owners IoT platform provider of choice.



Attest Identity



ZERO TOUCH

INTEL® SECURE
DEVICE ONBOARD



Dynamically
Discover Owner's
IoT Platform

IoT Platform
Provider

Provision & Manage

ENABLING THE IOT ECOSYSTEM

Hardware security with Chain of Trust, simple install.

SILICON

ODM/OEM

DISTRIBUTION/IOT PLATFORM

INSTALLER

BENEFITS OF ONE-TO-MANY MODEL

Enable devices and IoT platforms one time for a repeatable model. Drive ROI by eliminating one-off device staging or configuration.

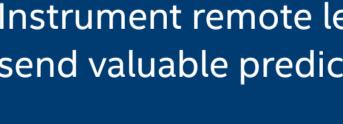
Embed identity in device root of trust.

Tools to automate device ownership tracking in the supply chain.

Eliminate error-prone manual activation with simple physical deployment and power on.

IGNITE IOT DEPLOYMENTS—EVERYWHERE

Gain efficiencies from smart infrastructure now.

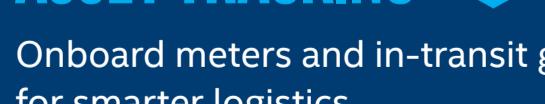


Instrument remote legacy equipment faster to send valuable predictive analytics data.



SMART PARKING

Reduce install time to enable smart, remotely managed parking.



Onboard meters and in-transit gateway devices for smarter logistics.

SMART BUILDING



Onboard more sensors and data points for holistic smart building management.

Learn more at www.intel.com/secureredviceonboard, or talk to your IoT platform provider or IoT device OEM about Intel SDO-enabled IoT devices.



Intel technology features are absolutely dependent on system configuration and may require enabled hardware, software or service activation. Performance varies depending on system configuration.

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