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

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

INTEL® SECURE DEVICE ONBOARD
(INTERN® 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.

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.

- OIL & GAS
- ASSET TRACKING
- SMART BUILDING
- SMART PARKING

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

Intel technologies’ features and benefits depend on system configuration and may require enabled hardware, software or service activation. Performance varies depending on system configuration.

No computer system can be absolutely secure.

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