# SEE
## by PrimeKey

# Protecting your software and your data **in insecure environments**

PrimeKey Secure Execution Environment, PrimeKey SEE, has a patented and impenetrable design that ensures that both the applications and data within are impossible to access, to extract or to modify by an unauthorized party.

**PrimeKey**

# PrimeKey SEE
## Secure Execution Environment

PrimeKey SEE is a unique platform that combines protection of the operating system, the applications and the data that may need to reside in an insecure environment. Our partners benefit by shielding their assets against unauthorized access, manipulation or even theft.

**Patented and impenetrable**
PrimeKey helps you secure your software and your data when deployed in insecure and potentially hostile environments. For this types of environments, half measures are insufficient. That is why we have developed the Secure Execution Environment; PrimeKey SEE - a unique combination of hard- and software with patented and impenetrable technology. PrimeKey SEE ensures that the content within is impossible to access, to extract or to modify by an unauthorized party.

**Prevent extraction and alternation**
You can now deploy your product in places with public access or where you fear that someone would be interested in extracting your data or software with untoward outcome for your business. If your software controls sensitive information or functionality you know the consequenses that an undetected malicious modification can have. Your IoT device might be hacked, your data compromised or your machines stop working. With SEE you can sleep sound, no one can access or modify your software and data.

**Powerful yet protected hardware**
The entire server hardware is submerged into expoxy, creating a physical shield. PrimeKey SEE platform provides a secure boot loader, on top of which virtualization layers provides an easy way to integrate with any OS and application. There is enough processing power to deliver high performance cryptographic operations; there are enough connectivity to deliver server grade applications and there is replaceable storage and power supply.

**SEE Partner Program**
Secure Execution is a difficult thing to solve. Partnering with PrimeKey on the SEE Partner Program opens up a new world of possibilities, makes your software deployment secure and creates new growth possibilities. Just take a moment and think about what it means to you. We'll gladly discuss with you to see how the SEE can enhance your offering!

## History
- Back in the 2002 we found that the PKI products at the time were insufficient, so we developed EJBCA, world leading PKI.
- As EJBCA grew we found that the delivery of PKI was too complex and inefficient, so we developed PKI Appliance. World leading as well.
- We've now seen a need for comprehensive approach in Secure Execution, so we developed SEE.

## Solutions examples
PrimeKey SEE already has applications in use, and more are lining up. Solution examples are:
- SEE is used for ensuring that sensitive software has not been accessed of altered by unathorized entities
- SEE is used for securing software from extraction in geographies where copyright laws are not fully effective

## Partner
### With us

**Secure your software**
- Increase your sales possibilities
- Expand your distribution options
- Open possibilities for execution

**Be one of the first**
- Brand new technology
- Take your market to the next level of security
- Based on years of proven expertise

**Be one of the few**
- Join SEE Partner Program
- Launch your software on SEE in Q4 2017
- Limited amount of partner positions available
- Be ahead of your competitors

## Technical
### specifications

**SEE specifications**
- 4-core Xeon 3,6 GHz
- Up to 64GB RAM
- 128 GB Internal storage
- Redundant, field replacable power suppliers
- Up to 4TB Field replacable encrypted storage
- 4 x GB Ethernet
- Out-of-band Management

**Certifications**
- FIPS 140-2, Level 3 (ongoing)
- FCC
- CE

**Security Specifications**
- FIPS 140-2 Level 3 compliant physical shield
- Secure Boot assuring integrity of started system and offering zeroization (factory reset)
- Non-deterministic random number generator (NIST SP-800 compliant hardware)

## About PrimeKey

PrimeKey Solutions AB is one of the world's leading companies for PKI solutions. PrimeKey has developed successful solutions, such as EJBCA Enterprise, SignServer Enterprise and PrimeKey PKI Appliance. PrimeKey is a pioneer in open source security software that provides businesses and organisations around the world with the ability to implement security solutions such as e-ID, e-Passports, authentication, digital signatures, unified digital identities and validation. PrimeKey has its head office in Stockholm, Sweden.

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