



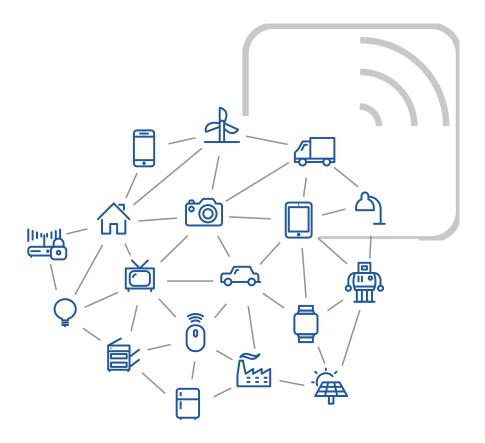
Worldwide IoT security spending to reach \$1.5 billion in 2018 (Gartner)

PKI is gearing up for IoT, defacto standard on Internet and it will be the same for IoT (PrimeKey)



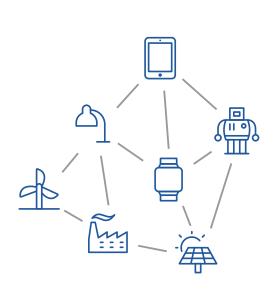
IoT is diverse

- There is no such thing as *one-fits-all* in the IoT universe.
- Many different technologies and many different products will be deployed for different IoT use cases.
- We focus on the security/PKI aspects for those who build IoT solutions.

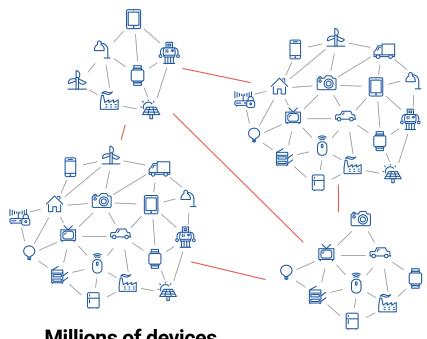




Then number of devices can grow quickly



5-10 connected devices ...



Millions of devices...



IOT use cases and PrimeKey customers

Automotive

Finance

Industry/ Energy

Telecom/LTE

Health



PAYVISION

ITCARD

Verifone®

DIEBOLD

NIXDORF





SIEMENS

























Small Start

- Easy to get started
- Scale with your business case
- Based on open, flexible and multi-tenant infrastructure components – many stakeholders – new eco-systems
- Control and peace of mind



Complicated and sometimes Immature IoT Eco systems



- Multiple players stakeholders
- New business models
- Operations and maintenance
 - Devices shifting owners
 - On-premise, as a service or hybrid
- Standard and Compliance requirements



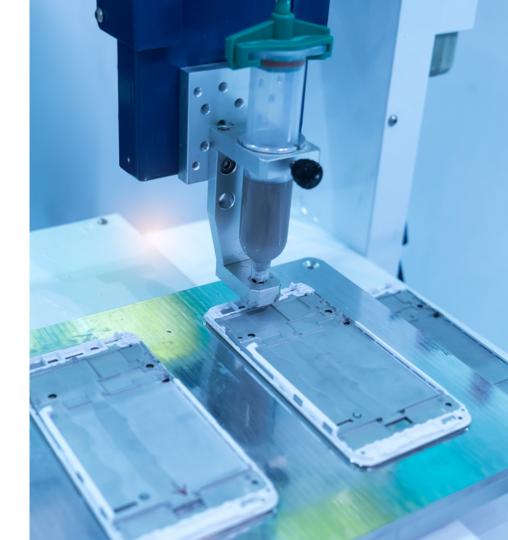


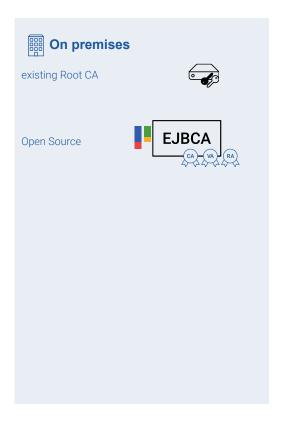


What do our Customers ask!

Requirements we received in IoT Projects:

- Worldwide location
- Online RA for self registration
- Load peaks
- PKI Solution for OT & IT
- High availability
- Integration in to existing solution
- ...





Starting Point: OpenSource for trial.



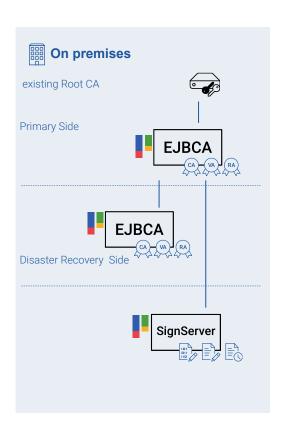


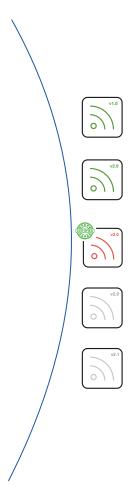




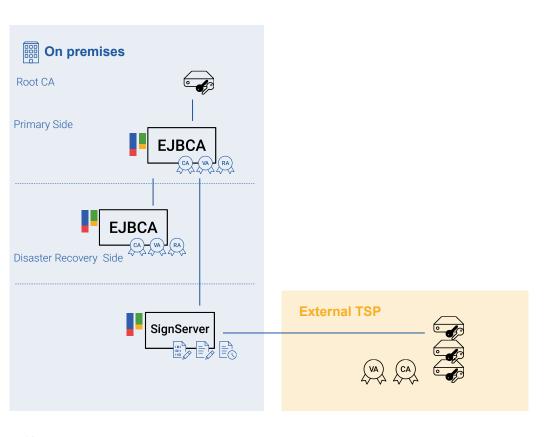








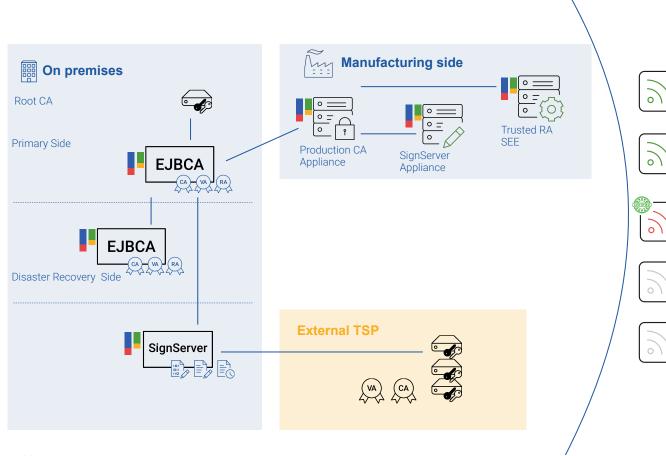
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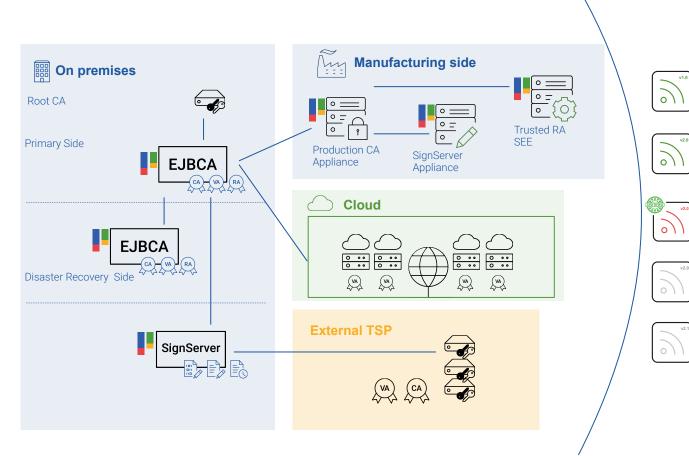






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- Device registration during production in uncontrolled environment





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- Install Signatur Service for Firmware and Software protection
- Device registration during production in uncontrolled environment
- Validation Services all over the World with high load during dedicated time-slots

- ..



The wheel is already invented! Conclusion

- The core technology is there!
- "Hybrid deployment" is the key to success!
 - Future Scalability
 - On demand deployment
 - Flexible Integration



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