



Privacy by Design

SiDi @ IoT Week 2022

Agostinho Sanches de Araujo – SW Security Analyst

\$ Data

CIA Triad

- > Confidentiality
- > Integrity
- > Availability

Privacy

- > Is more related to the first aspect
- > Individual

Data Security

- > All the pillars
- > Prevent modification, disruption and destruction

\$ IoT, Information and Security

Different types of data equal to:

- > Multiple levels of confidentiality
- > Multiple levels of exposure

Multiple-devices

- > Technical complexity
- > Limitations
- > Hard to manage

Security Assessment

- > Limiting the 'easy path'
- > Recurrence on updates
- > Proactive

\$ Conclusion

Security from day 1

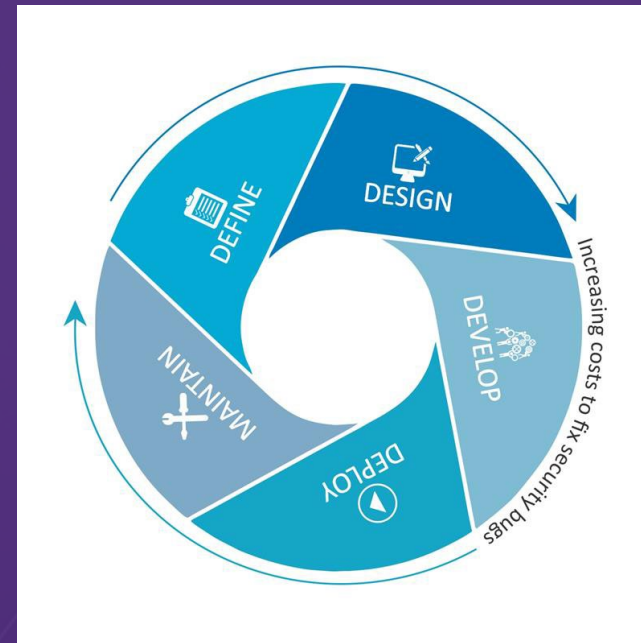
- > Avoid problems after-release
- > Minimize the risk of incidents
- > It's easier to design something safe
- > Loss of reputation and clients, lawsuits and fines

GDPR

- > New threats
- > Data is expensive

Large scale

- > Smart-cities and IIoT
- > New challenges





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Thank You

sidi.org.br
a.araujo@sidi.org.br