

PRODUCT SECURITY WITHIN BOSCH - THEORY AND PRACTICE

Agenda

1. Introduction
2. Product Security within Bosch: Theory
3. Product Security within Bosch: Practice

Product Security within Bosch

Introduction



- ▶ Stephan van Tienen
 - ▶ Bosch Building Technologies, Security and Safety Systems, Communication
 - ▶ System Architect of Platform Engineering Team
 - ▶ Product Security Partner for BT-CO
 - ▶ MSc Electrical Engineering (Delft University of Technology)

Product Security within Bosch

Theory

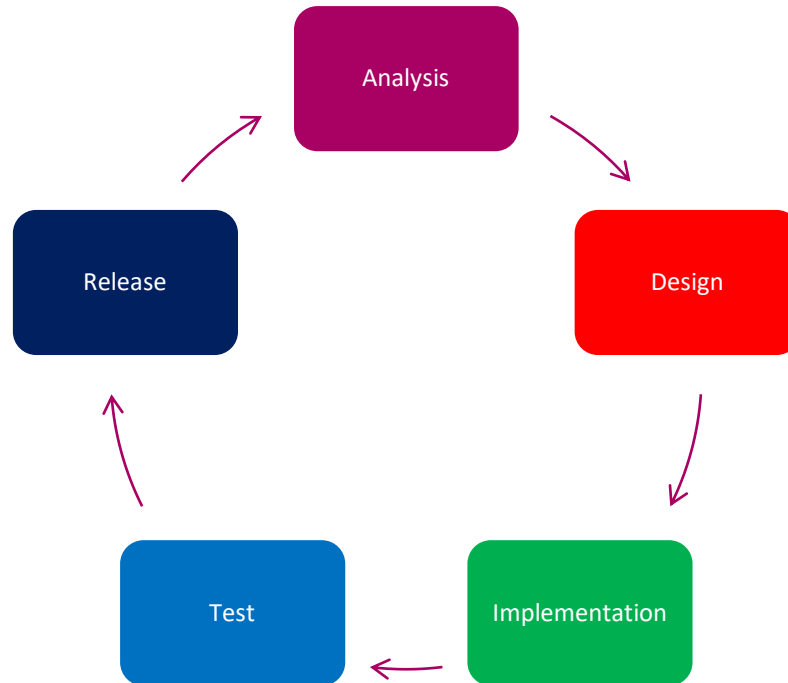
- ▶ Internal Process:
 - ▶ Security Engineering Process

- ▶ Aimed at full product lifecycle
 - ▶ Strong focus on development projects
 - ▶ Also targets period after release to market

- ▶ SEP maintained by Bosch corporate

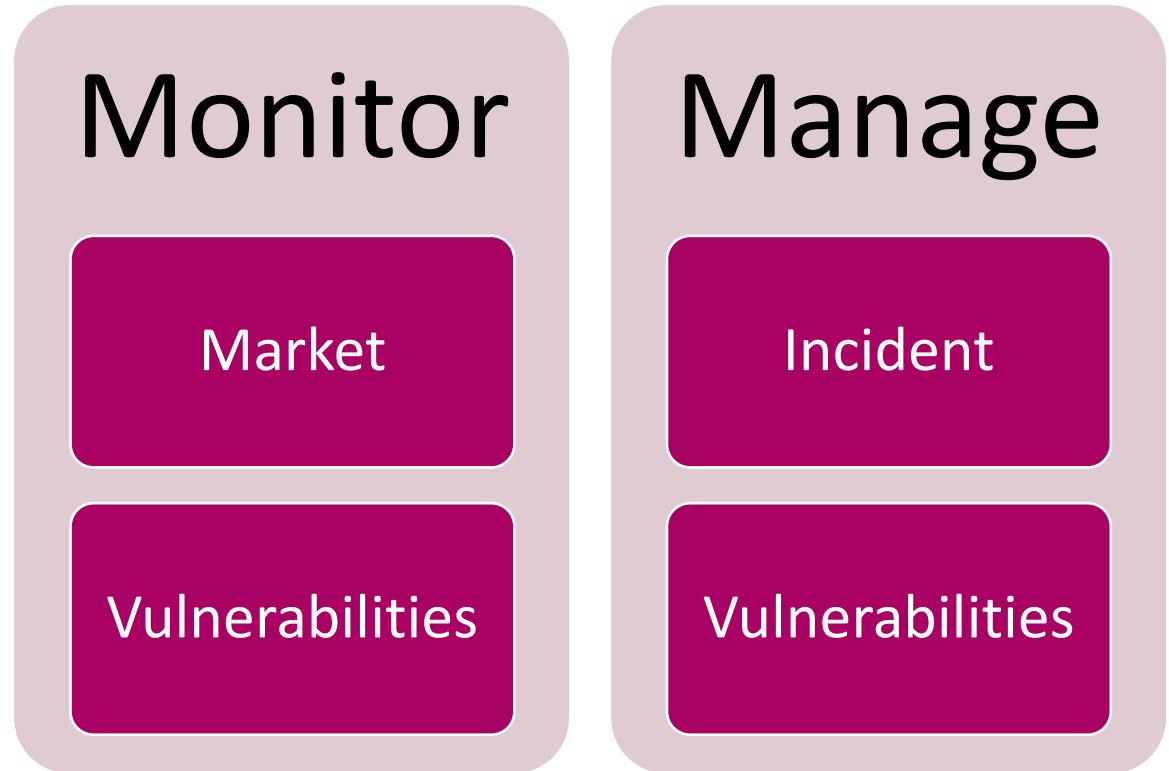
Product Security within Bosch Theory

- ▶ SEP During project:
 - ▶ Follow basic project stages



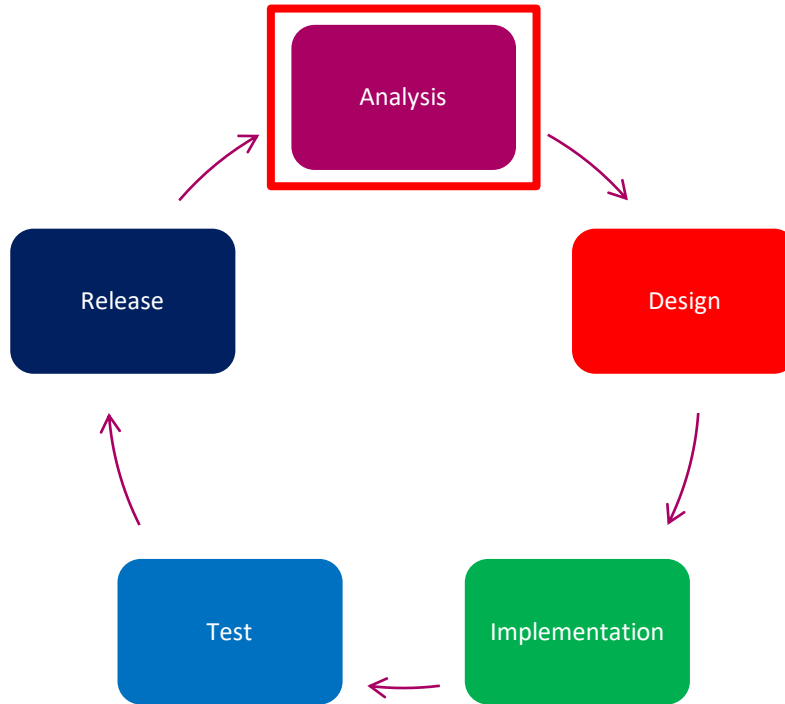
Product Security within Bosch Theory

► SEP after project



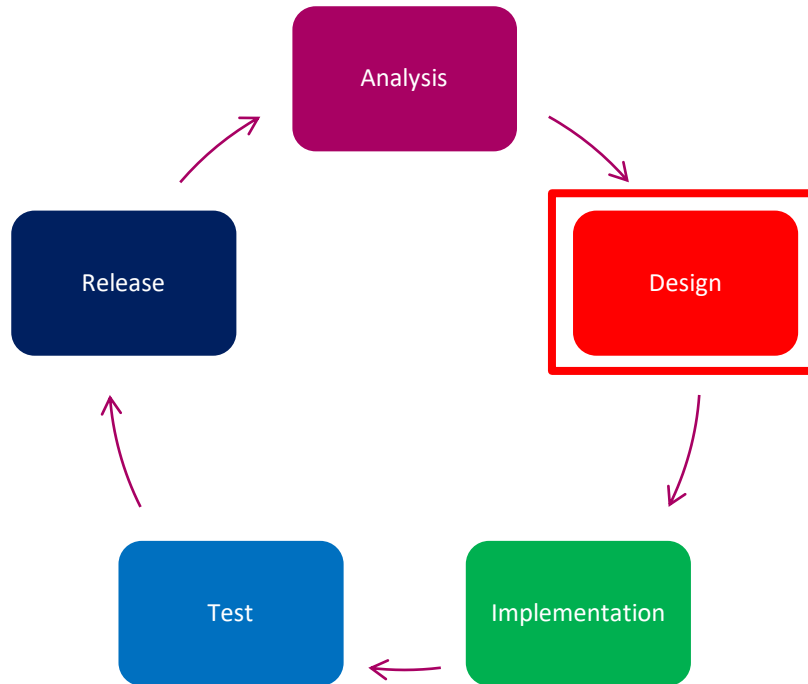
► Bosch Product Security Incident Response Team ([PSIRT](#))

Product Security within Bosch Practice



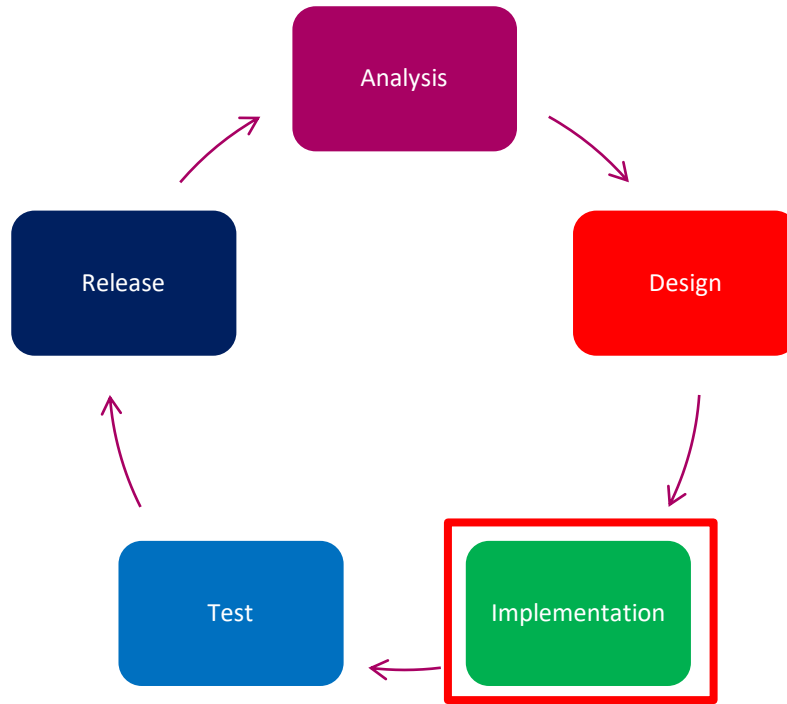
► Security is a moving target!

Product Security within Bosch Practice



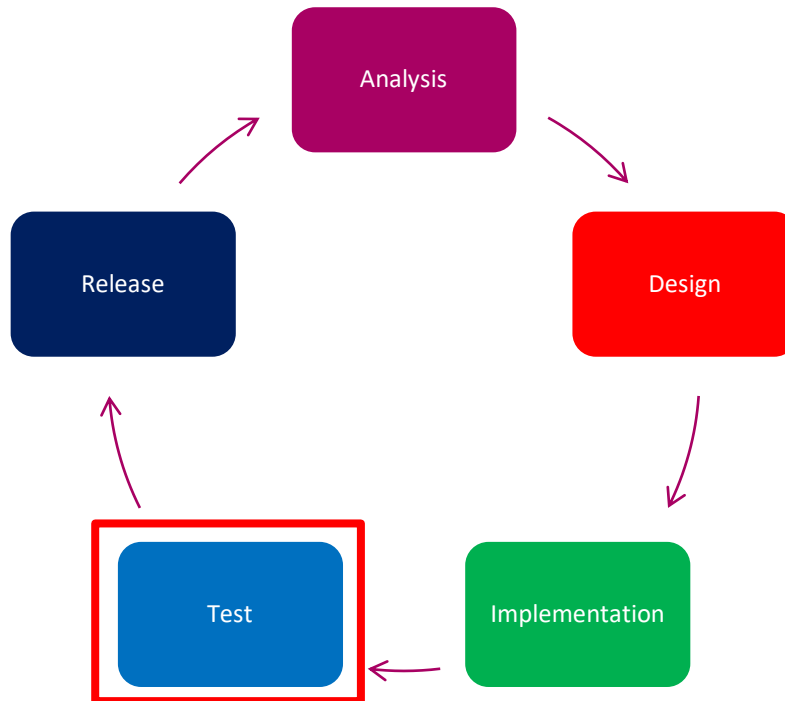
► Find the right balance

Product Security within Bosch Practice



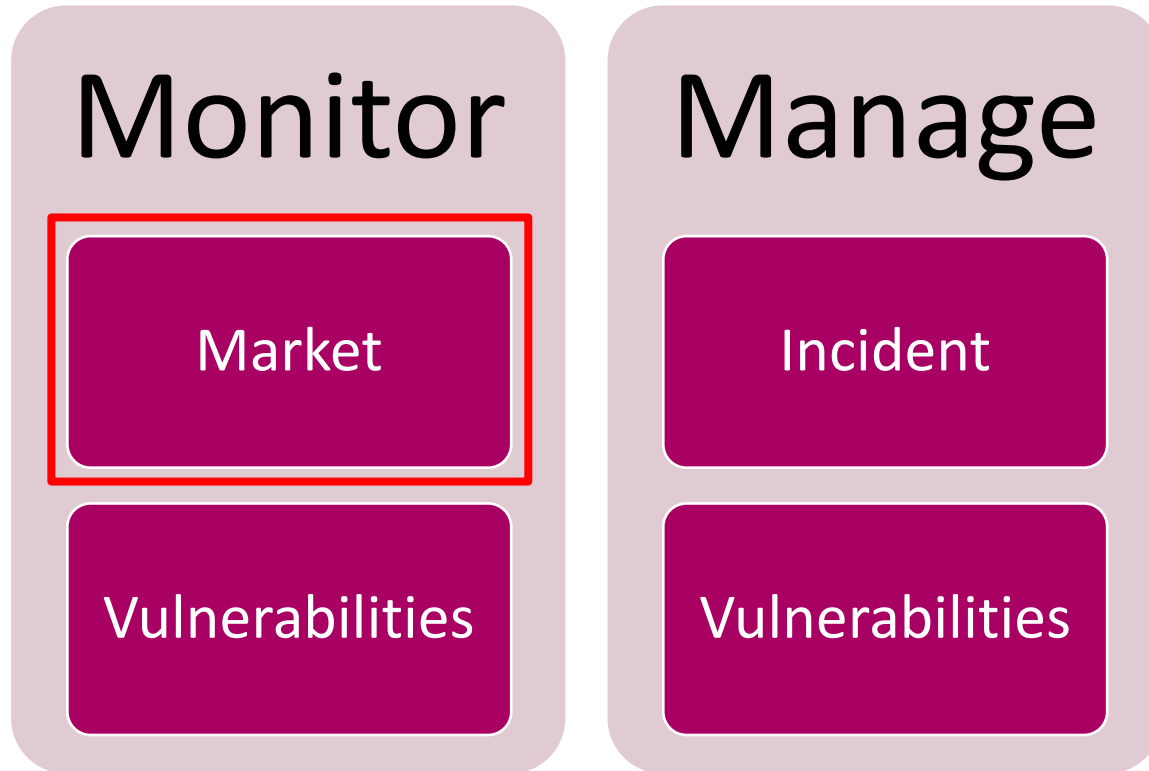
- ▶ Mostly common sense and good practices

Product Security within Bosch Practice



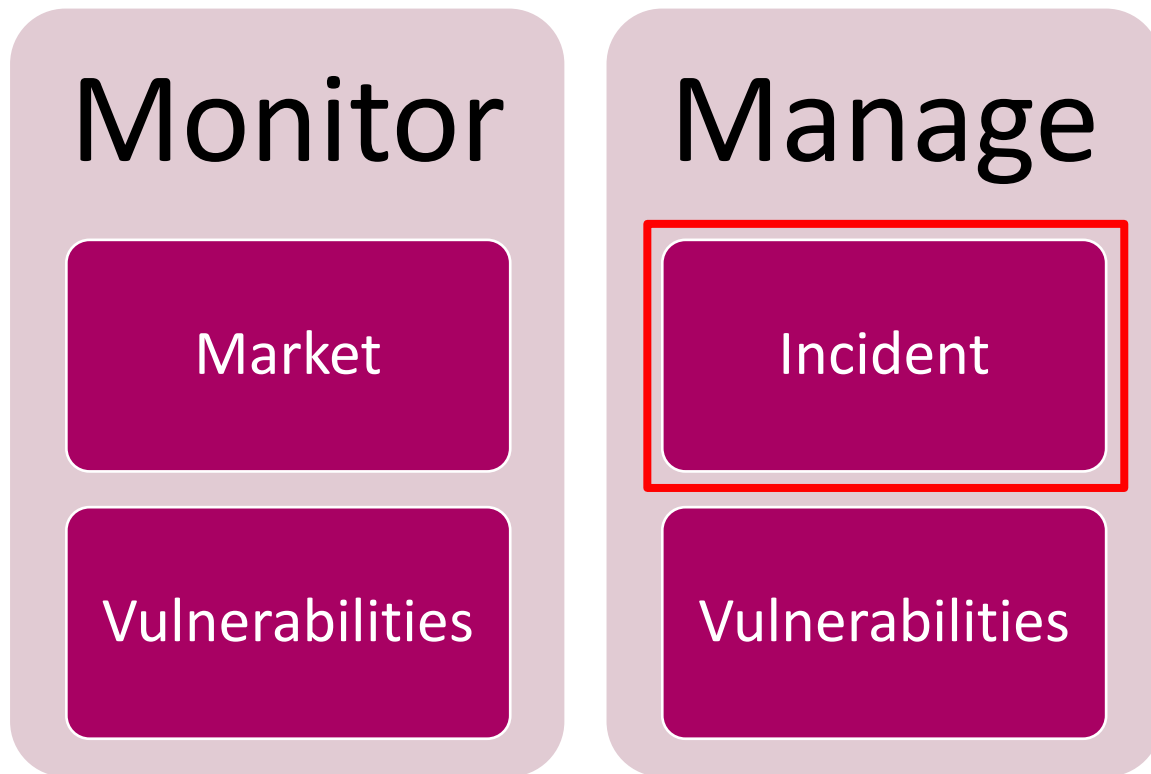
- ▶ Even more: find the right balance!
- ▶ Harder to find expertise

Product Security within Bosch Practice



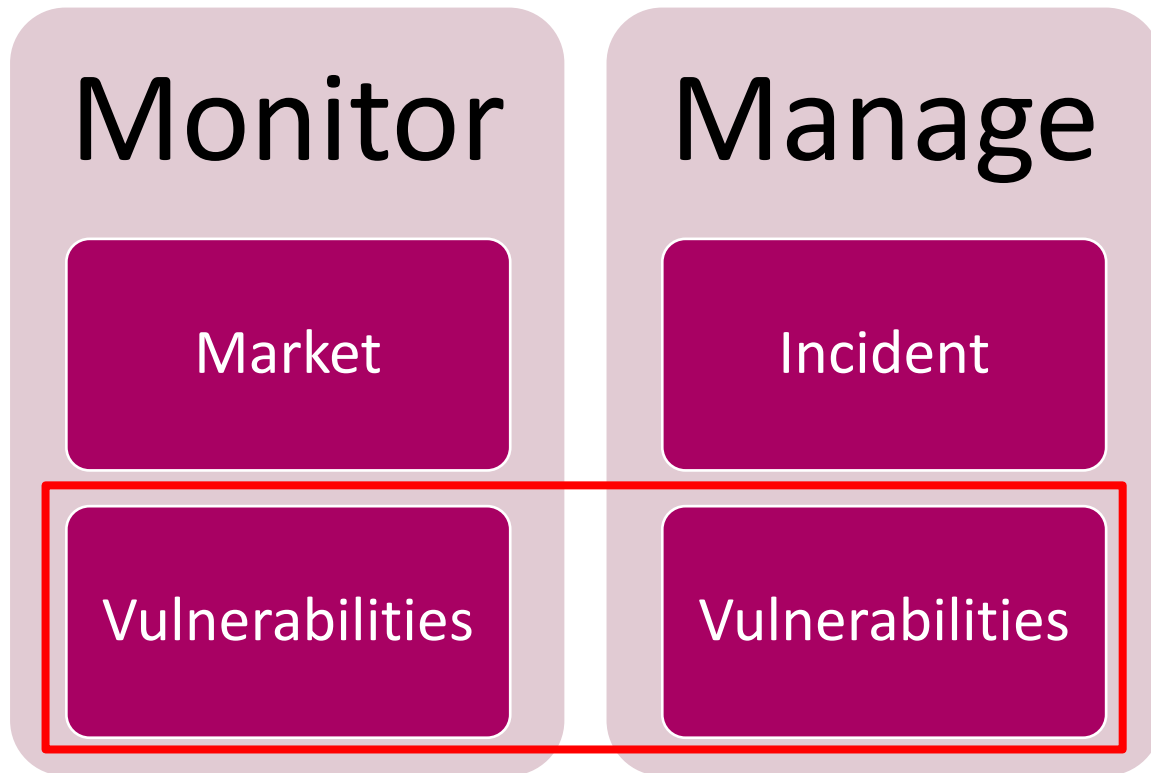
- ▶ Consider 'state of industry'
- ▶ helps in finding right balance

Product Security within Bosch Practice



► Involvement of all levels needed

Product Security within Bosch Practice



- ▶ Strive for automation in monitoring

THANK YOU

