Agile Application Security
Introduction - David Vaartjes

Now:

• Securify B.V. — Proactive Application Security
  Code reviews | Security Testing | Agile Security | Design Security

Before:

• 2 jaar software security @ Rabobank (IB teams web & mobile)
• 8 jaar software security @ finance, insurance, gov, retail, ..
5 important rules in Agile Security.

1. Fit security into your dev process, not the other way around.

2. If security isn’t on the team’s board, it won’t get done.

3. Involve a software security specialist. (just like UX, performance, etc.)


5. Agile Security != Automated security testing.
 Lets make it 6.

- WF,
- Agile,
- DevOps,
- DecDevOps,
- SuperSecFastDevOps,
- AwesomeSuperDevSecOpsDepMainPartey...
Lets make it 6.

We still need to do this!

Where SSD can help you!
The software security dream
Software security dream
What we still do this a lot
Old fashion security

Security focuses too much on testing and remains out of the dev. process.
Agile security (little, early, often)

But should be an integrated part of the ongoing dev and testing of code.
Security must change to fit the current development process!
Security, leave your comfort zone!

Don’t throw reports, but interface with the team and their tools!

Focus on code instead of pentesting.
At least 10 high-risk security flaws/bugs in this code!
Ok nice, but what to do when?
Security Grooming / Requirements
Security Grooming / Requirements

Involve a security specialist when filling and prioritising your backlog.

Where SSD can help you!
Early - Story/commit reviews
Support the team - be available - create awareness!
Sprint security sign-off (keep it simple!)
Sprint security sign-off (keep it simple!)
Security automation can support you (~20%)
Bedankt!

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