

The Story of SPAR e-Commerce

Embracing Agility with an Effective Deployment Pipeline

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**DEVOPS
ENTERPRISE
SUMMIT**

London
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DRAFT DECK – TO BE REWORKED



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SPAR Austria Group



15,72 billion revenue

3,207 outlets

85,206 employees

500 IT professionals

Why going digital?



High Ambitions



MOBILNA APLIKACIJA ZA PAMETNE TELEFONE

SPAR PLUS APLIKACIJA -

Mobilna aplikacija SPAR plus je na voljo za pametni telefon Android. Mobilna aplikacija SPAR plus je brezplačna v vsakem trenutku dobro informirani.



Excitement



Disillusionment



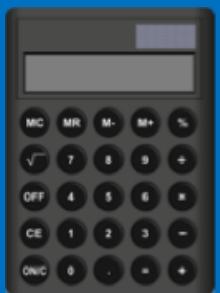
WEBSHOP



MASTER DATA



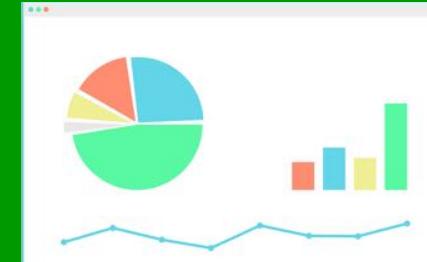
CROSSCHANNEL SERVICES



LOGISTIC SERVICES



ANALYTICS SERVICES



WEBSHOP 1



Adobe Experience Cloud

SAP Hybris [v]

WEBSHOP 2



Adobe Experience Cloud

SAP Hybris [v]

WEBSHOP 6



Adobe Experience Cloud

SAP Hybris [v]

MASTER DATA



Adobe
Experience
Manager



SAP Hybris [v]

CROSSCHANNEL SERVICES



LOGISTIC SERVICES

WAMAS®

STYLETRONIC

COSware

BLUESOURCE mobile solutions



BLUEBIRD

ANALYTICS SERVICES



MicroStrategy



Adobe Analytics

Orchestrate Business Processes across IT Systems

TODO: Create ONE graphic with all arrows included, similar to what you see below. It is not very important to have that lines completely accurately.

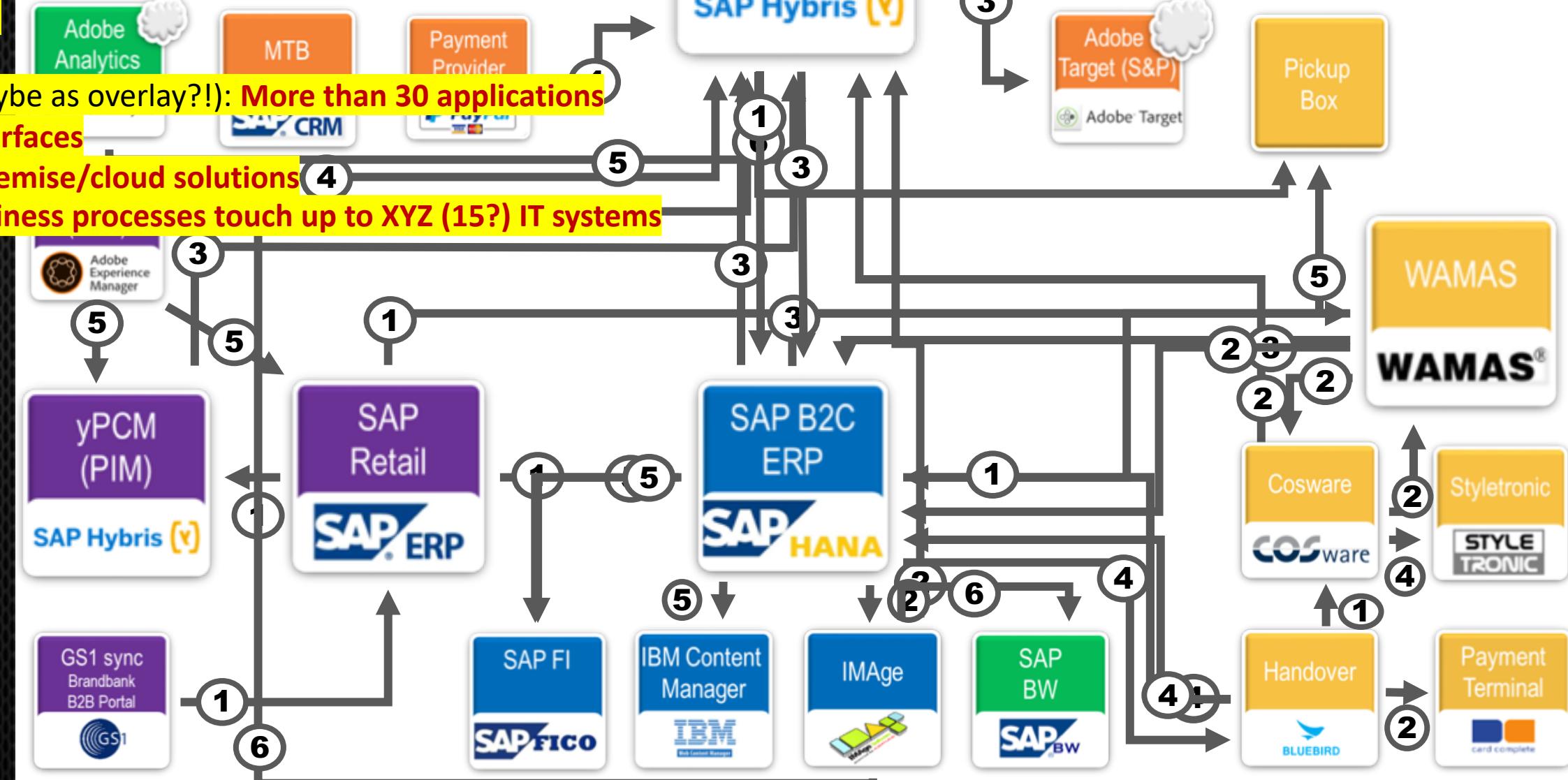
You can see the below showed use cases described in detail in the appendix.

Message (maybe as overlay?!): **More than 30 applications**

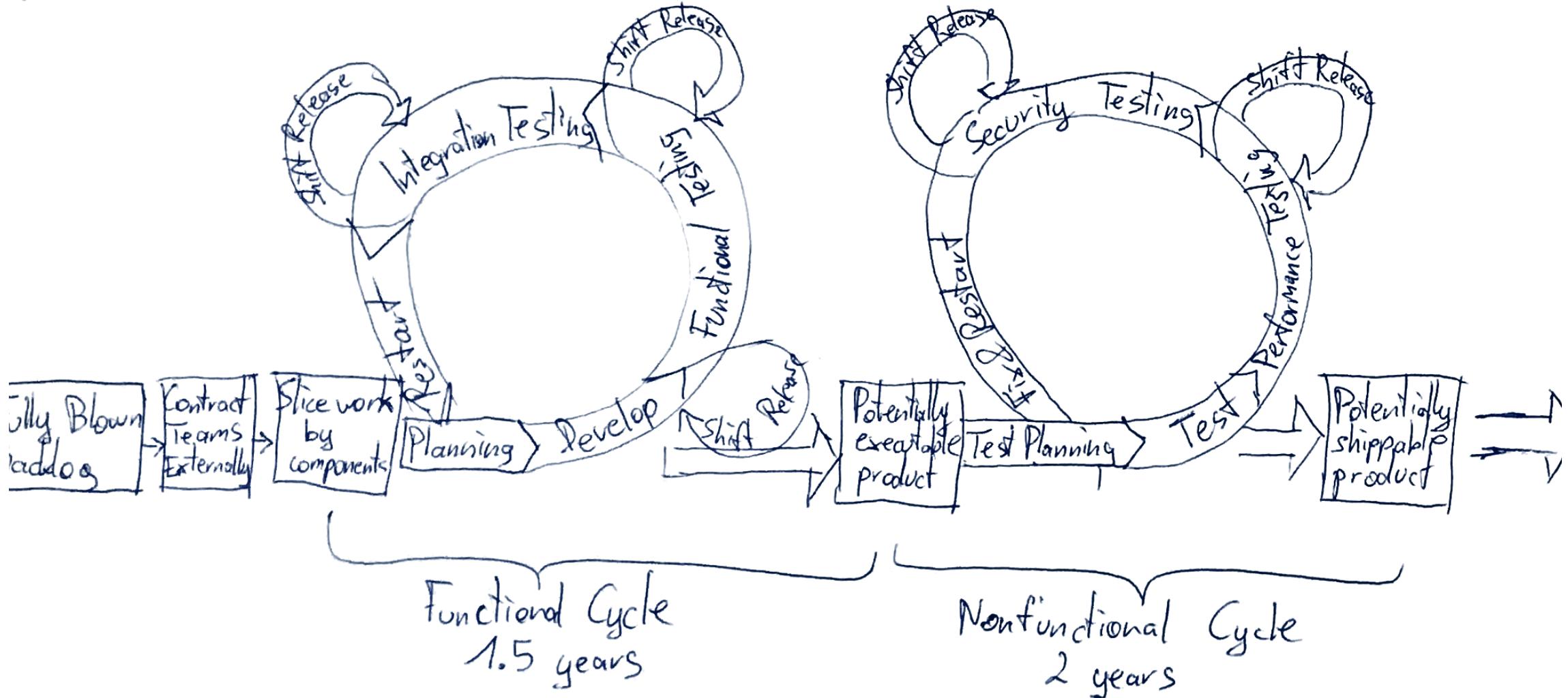
Over 100 Interfaces

Hybrid On-premise/cloud solutions

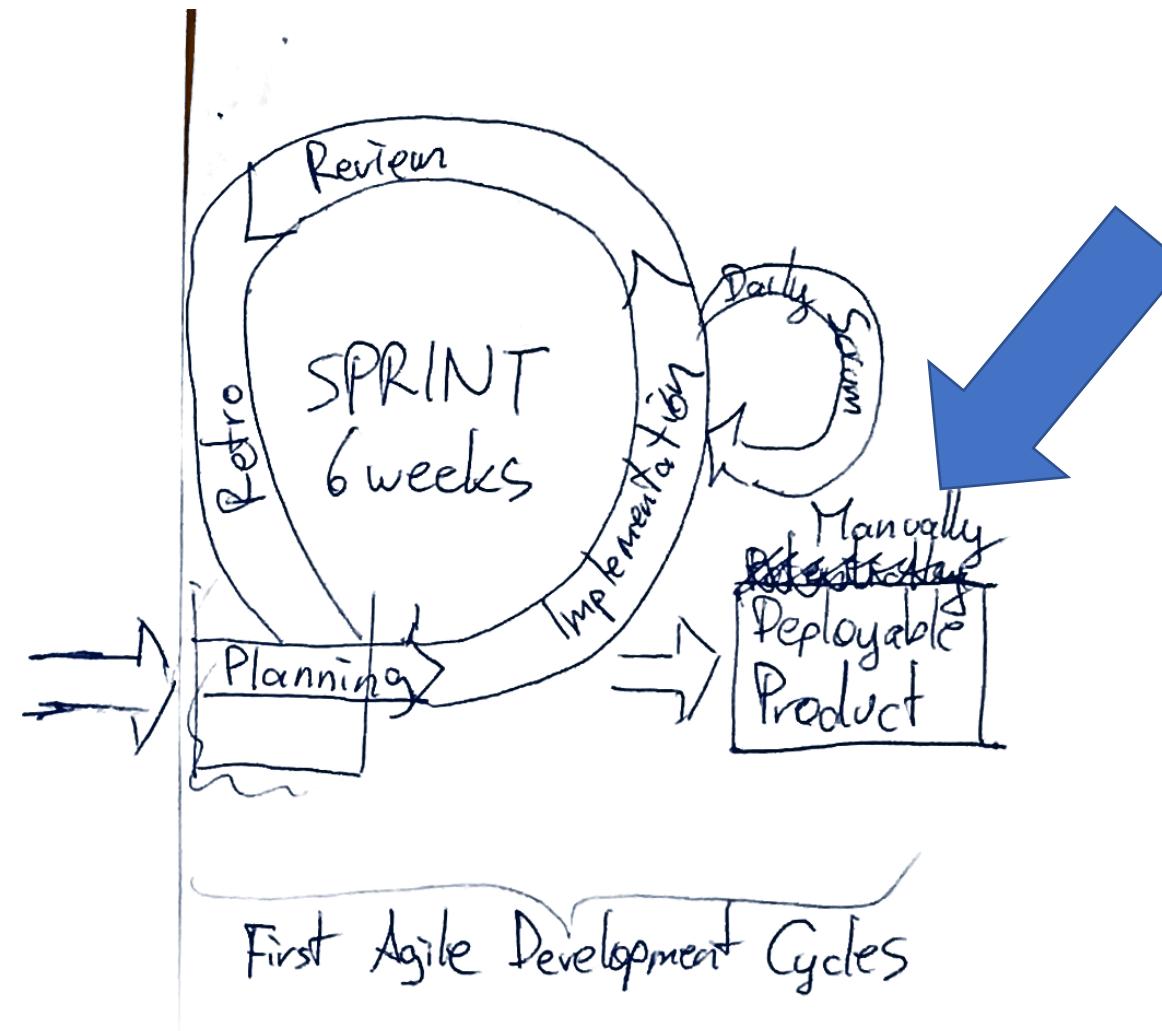
Different business processes touch up to XYZ (15?) IT systems



The early, seemingly agile process – before 2016



The more agile process – in 2016



Still, way to slow!





50%
**Cultural
Issues**



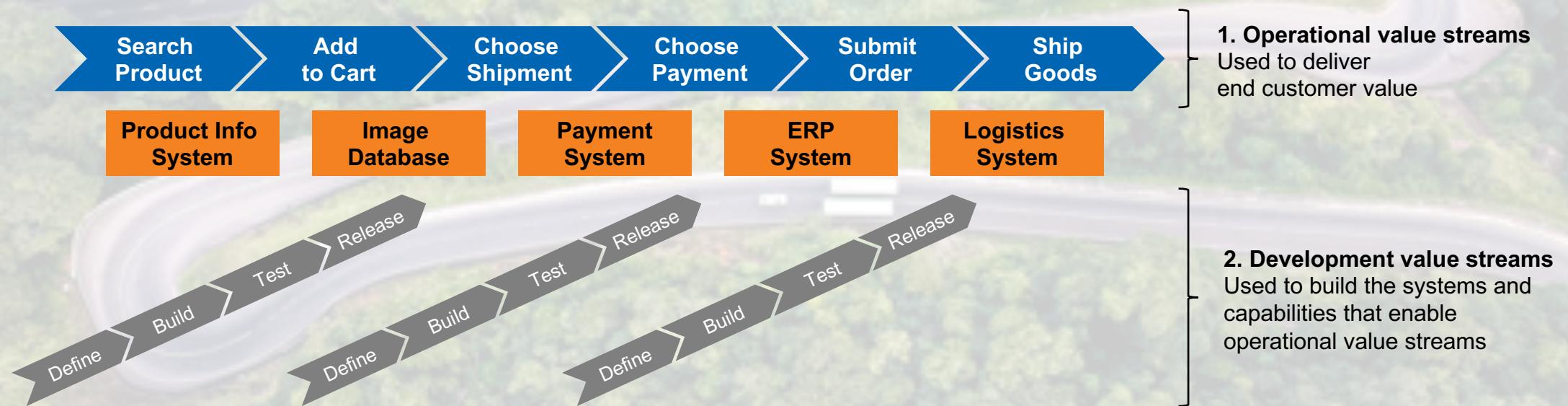
8% Tech Issues

42%
**Process
Issues**

I. Process: Stabilize and streamline



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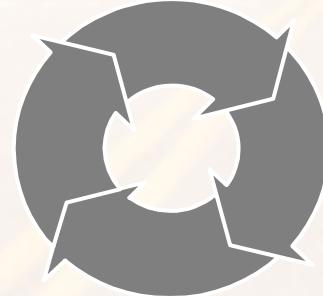
2. Culture: Pivot and Anchor



2. Culture: Pivot and Anchor

Adjust:
act on results

Plan:
metric for check



Check:
analyze results

Do:
coach&implement

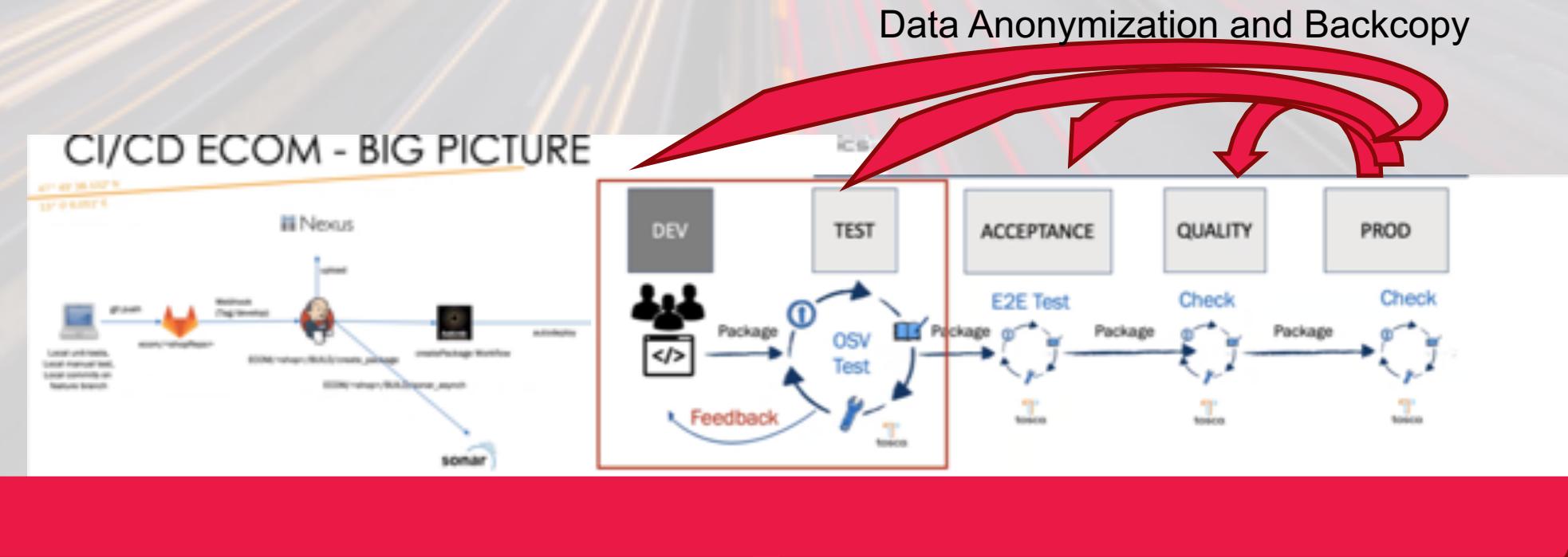
91% reduction in
deployment time

5 times
better quality



3. Automate

3. Automate

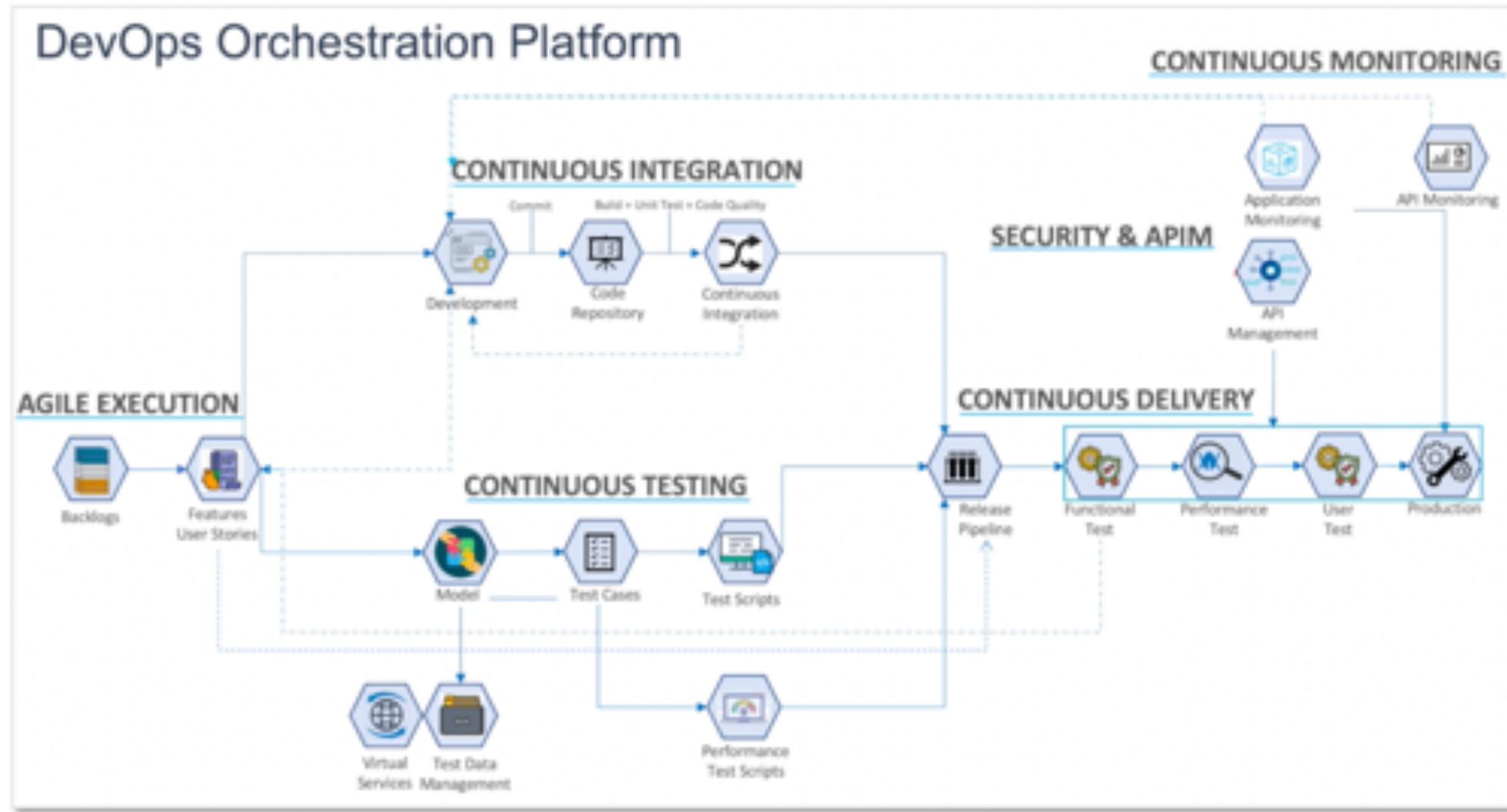


Automic

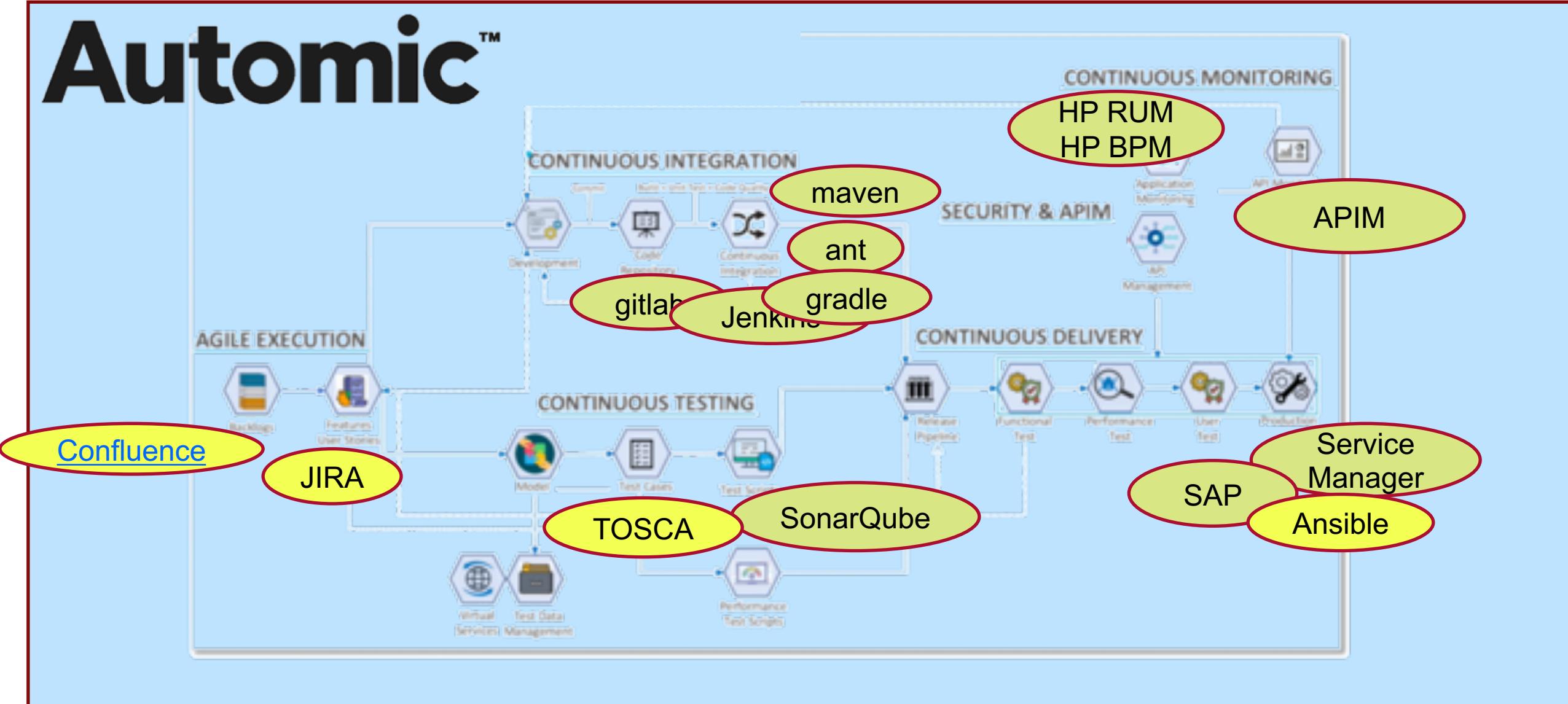
HCL

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4. Orchestrate



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DevOps Orchestration Status 2020

99%

reduced deployment time from one week to provision a full production like environment
to $\frac{1}{2}$ hour

100%

compliance of test data, consistent across systems

97%

reduction in deployment related errors

90%

test case automation level

<1 day

cost savings/release

105.000€

cost savings/release

910% ROI

for DevOps Orchestration

6 million €

labor cost savings over the last 4 years

After Automation: Proven numbers, retrospective view - not prospective!

Outlook 2020+

- Move from Project to Product Thinking
- Consider real CI/CD instead of several weekly deploys
- Reality-Check for feature toggles
- Experiment with mulit-stage CI Strategy for trunk based development
- Conquer the Monolith Webfrontend-Platform
- Establish performance test automation
- Drive feature-team thinking forward



Learnings

- Shift Left Continuously
 - Integration tests much earlier!
 - Create some kind of continuous test automation
- Automate Early
 - Config as code and automated CI/CD early
 - Packaging cross-components
 - Need for DevOps Orchestration Platform
- Accelerate feedback-loops with teams

Thanks for your attention



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