



The Story of SPAR e-Commerce

Embracing Agility with an Effective Orchestration Platform

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Enterprise Studio by HCL Technologies

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**DEVOPS
ENTERPRISE
SUMMIT**

London
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65 years
In business

85,206
employees

3,207
outlets

500
IT Professionals



Why going digital?

Excitement

High Ambitions

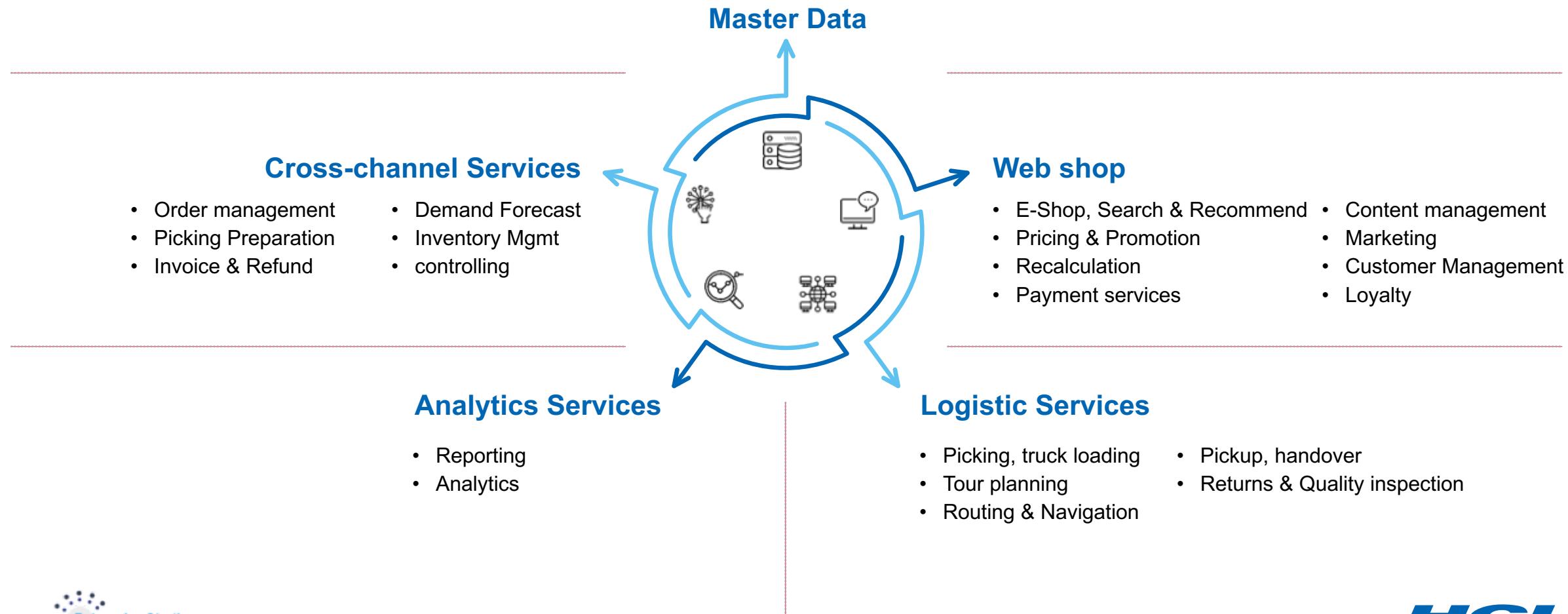


Disillusionment

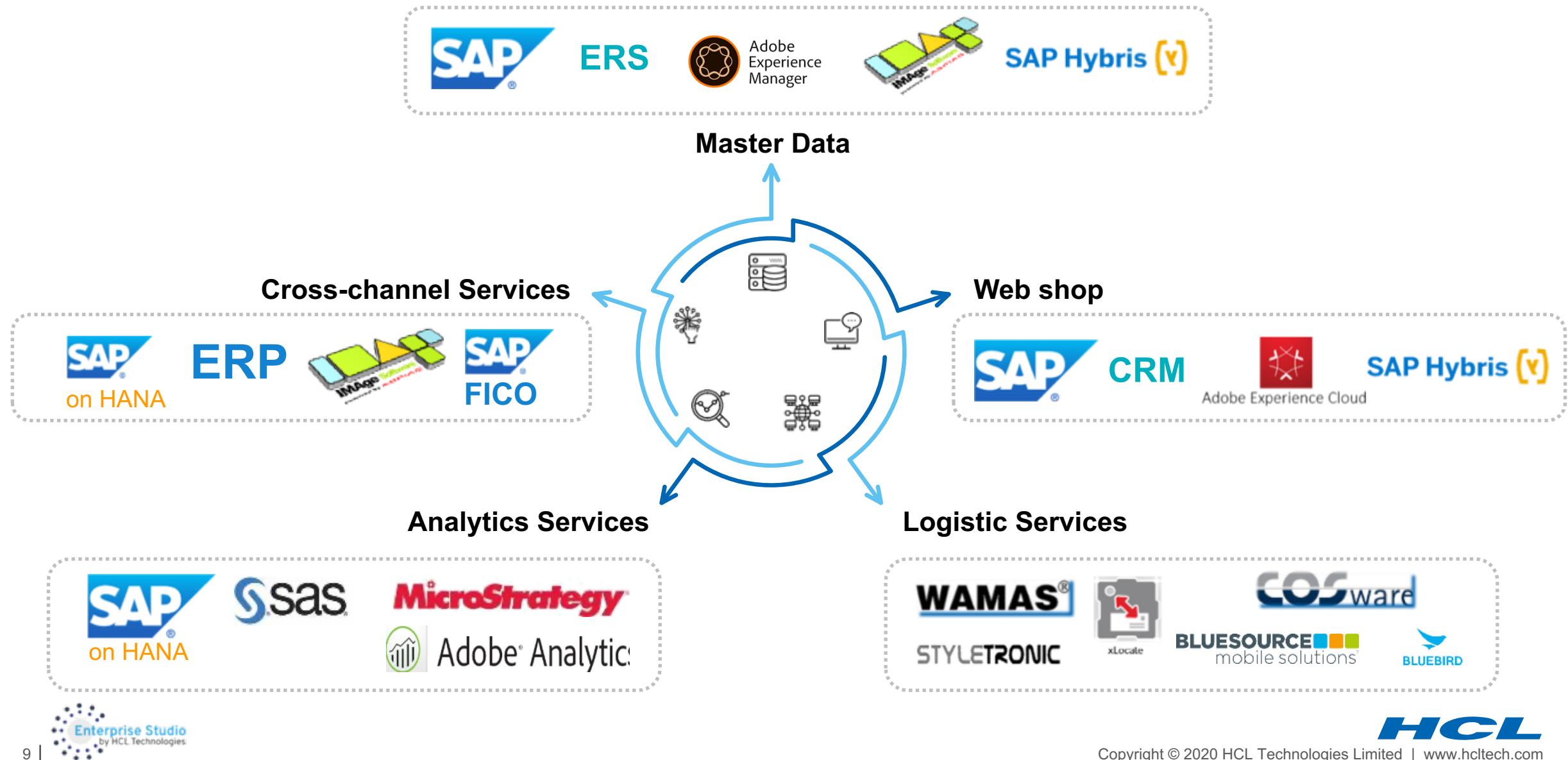
A close-up photograph of a man with light brown hair and glasses, wearing a red t-shirt. He is holding his head in his hands, with his fingers buried in his hair, conveying a sense of despair or deep distress. The background is a plain, light-colored wall.

Functional View

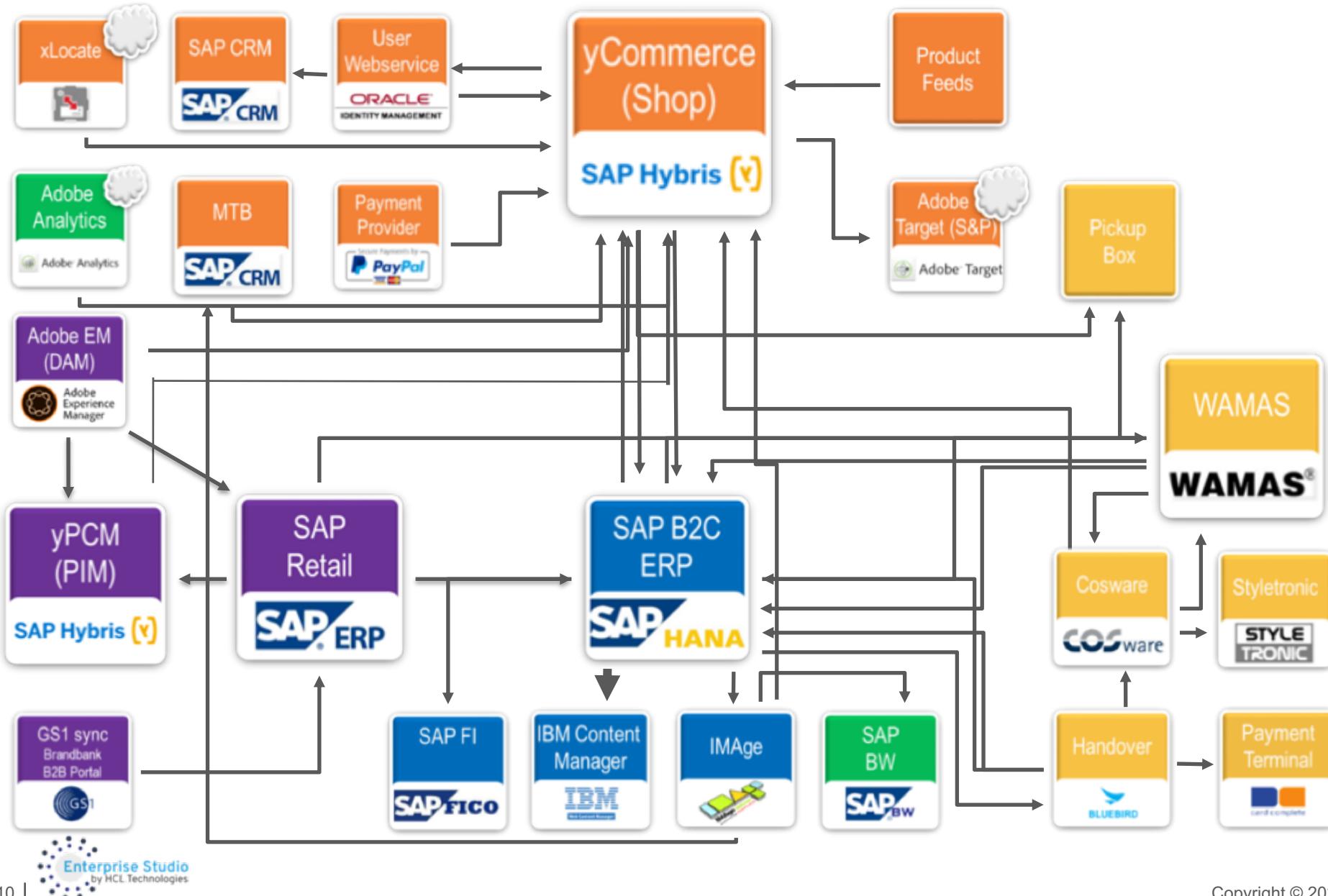
- Product information
- Prices
- Media & Pictures
- Promotion Data
- Product lifecycle



Application View



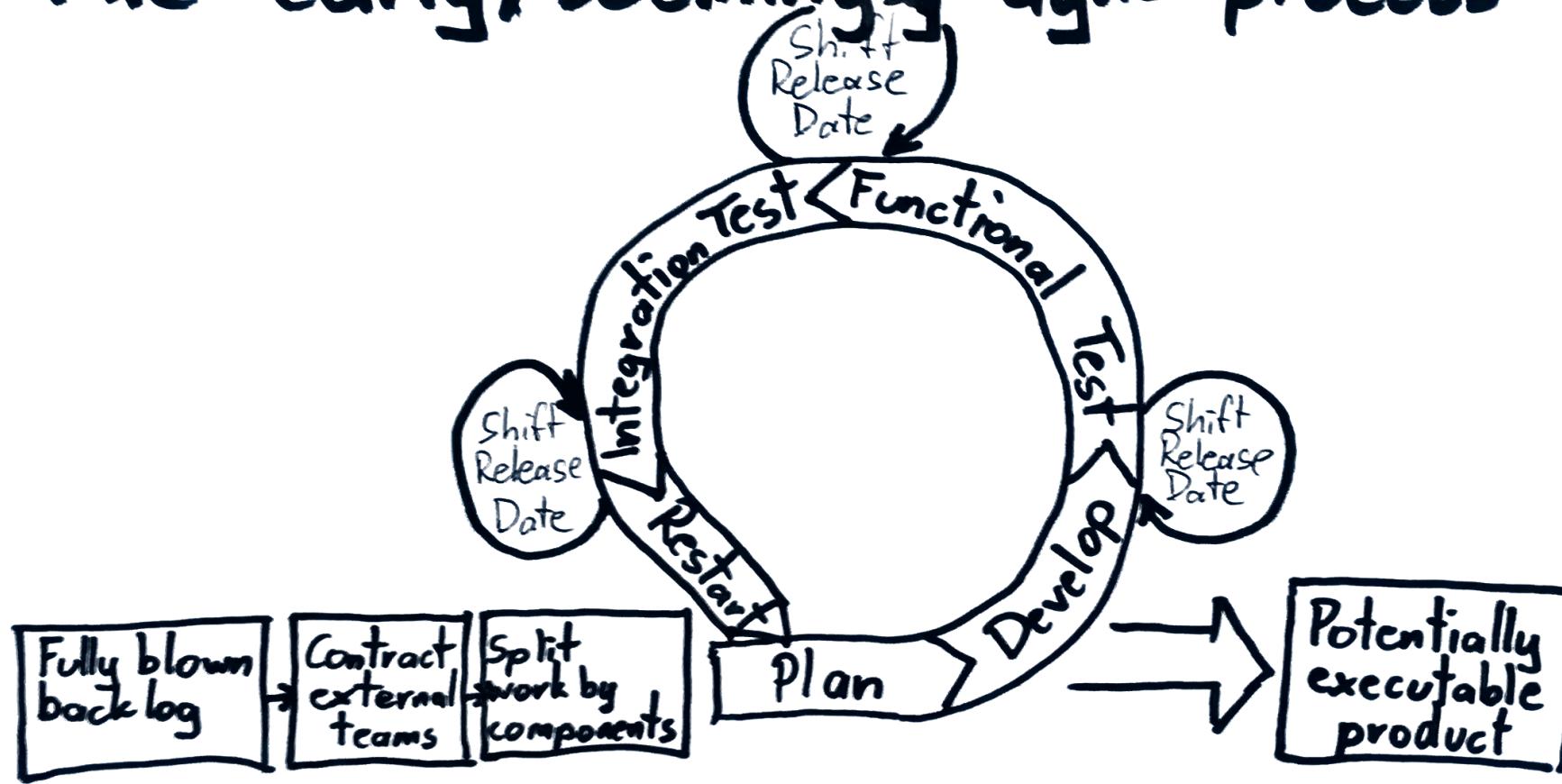
Orchestrate Business Processes across IT Systems



- More than 30 applications
- Over 100 Interfaces
- Hybrid On-premise / cloud solutions
- Different business processes touch up to 20 IT systems

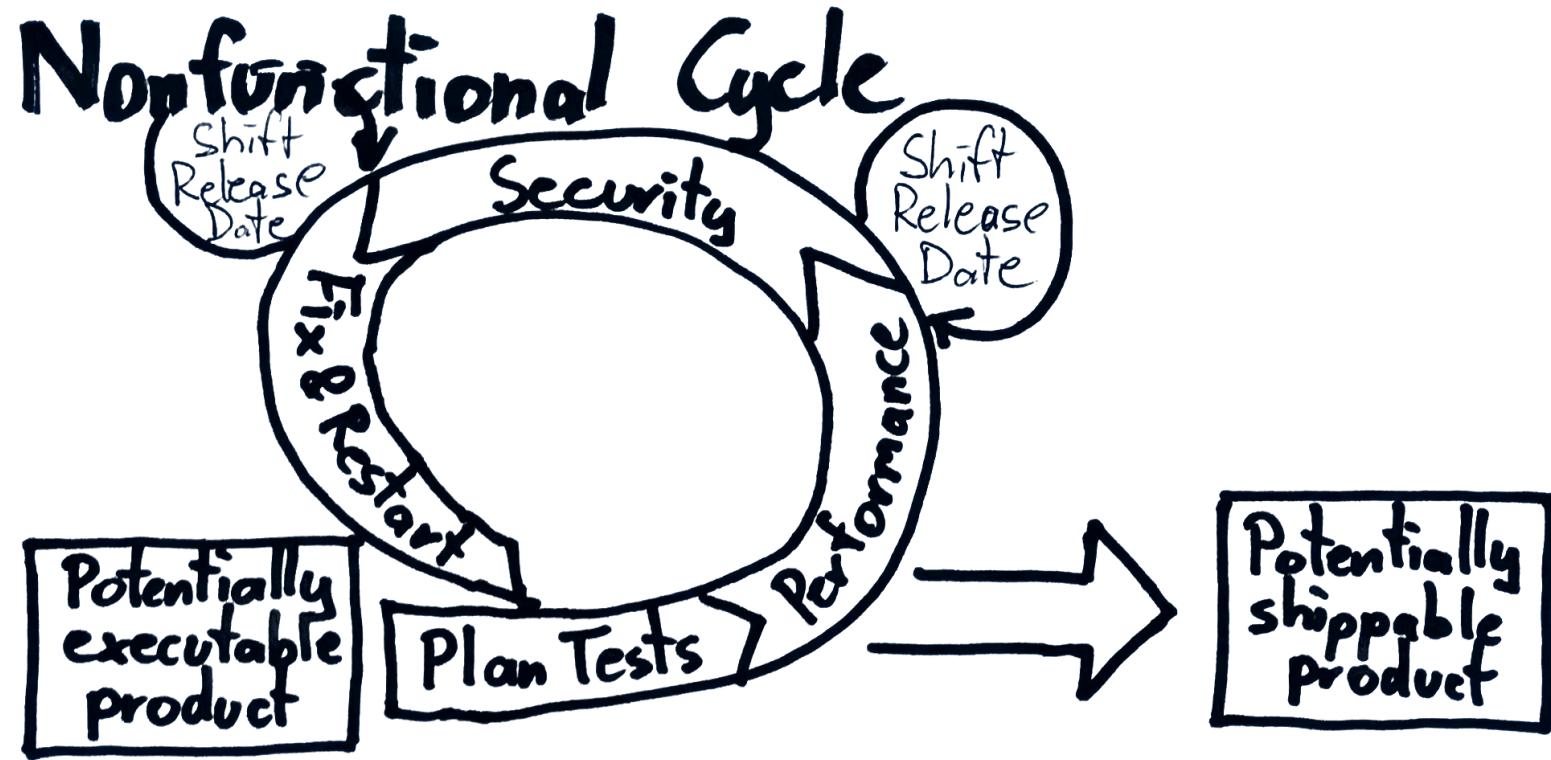


The early, seemingly agile process - Part 1



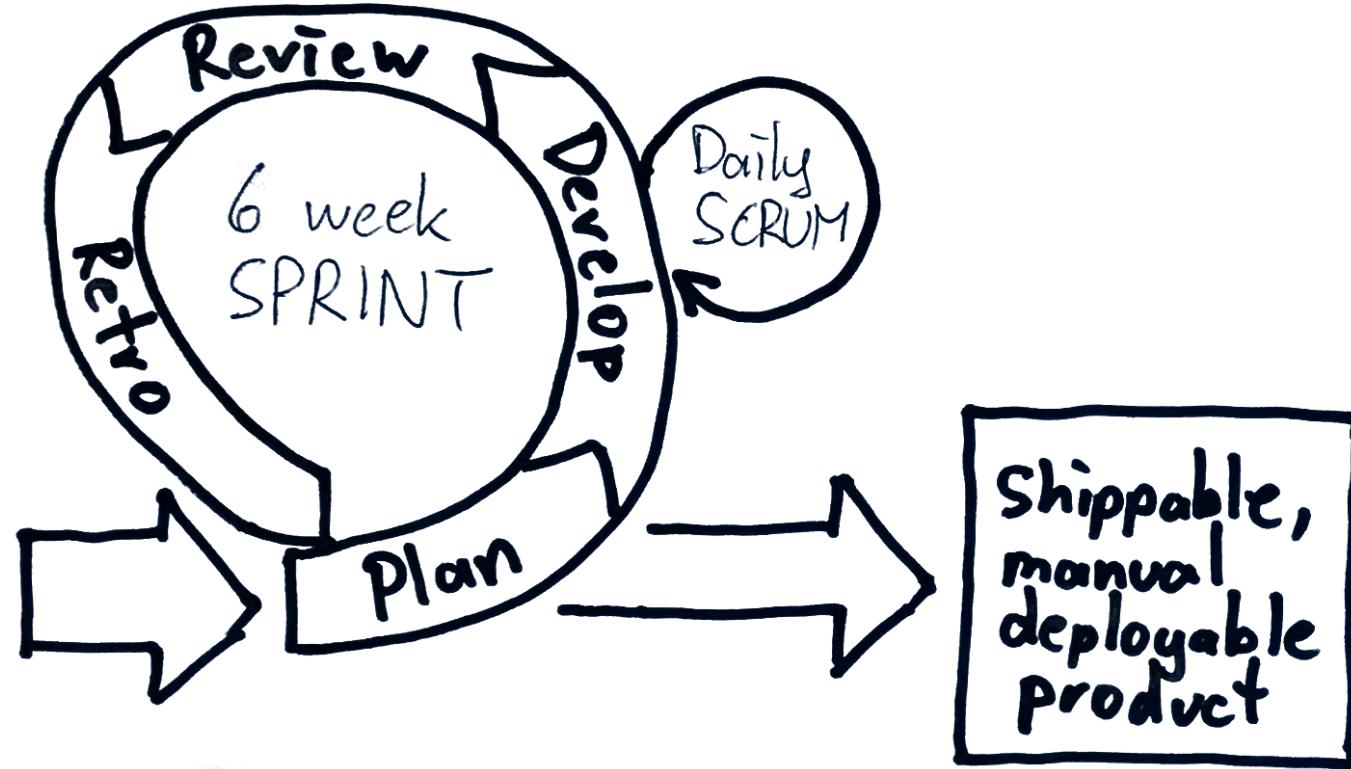
Functional Cycle, 1.5 years

The early, seemingly agile process - Part 2



Nonfunctional Cycle, 2 years

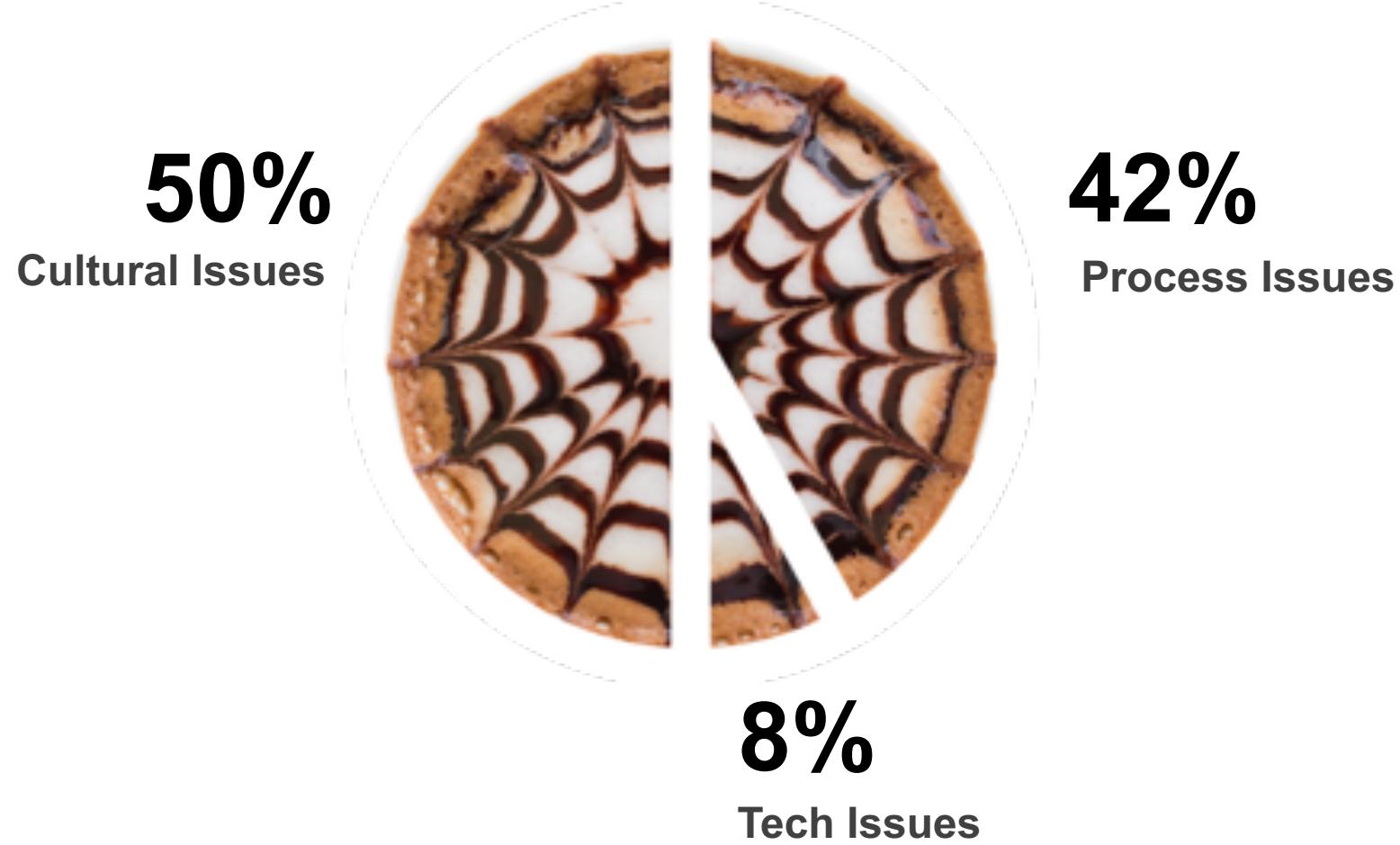
The more agile process - in 2016



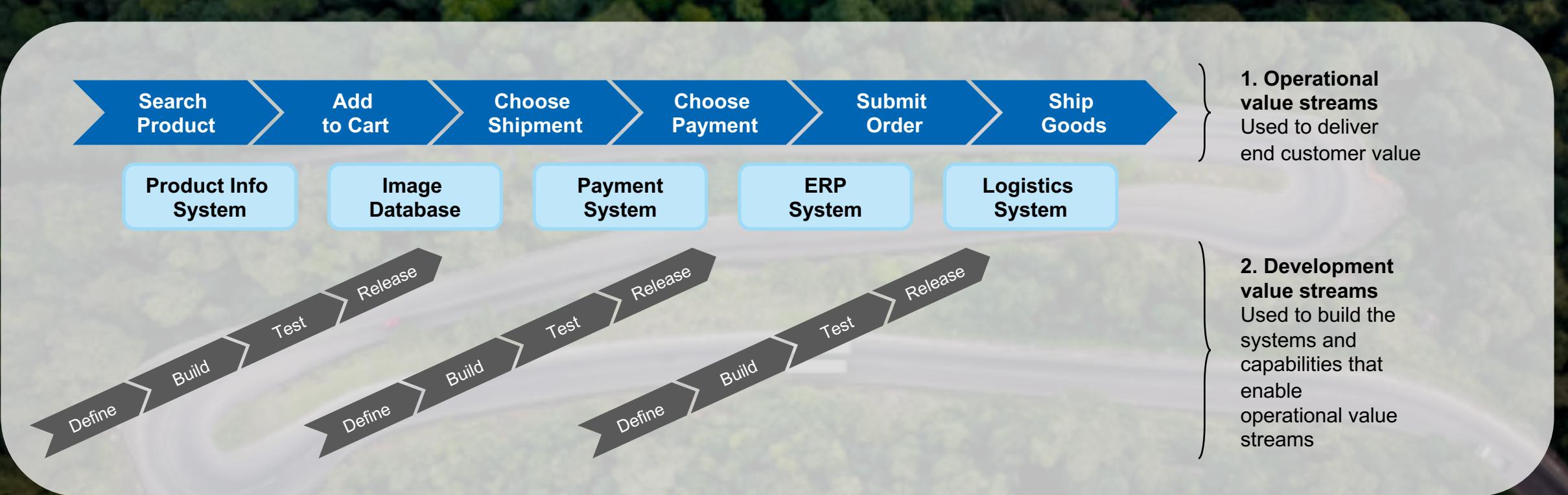


Way to slow!

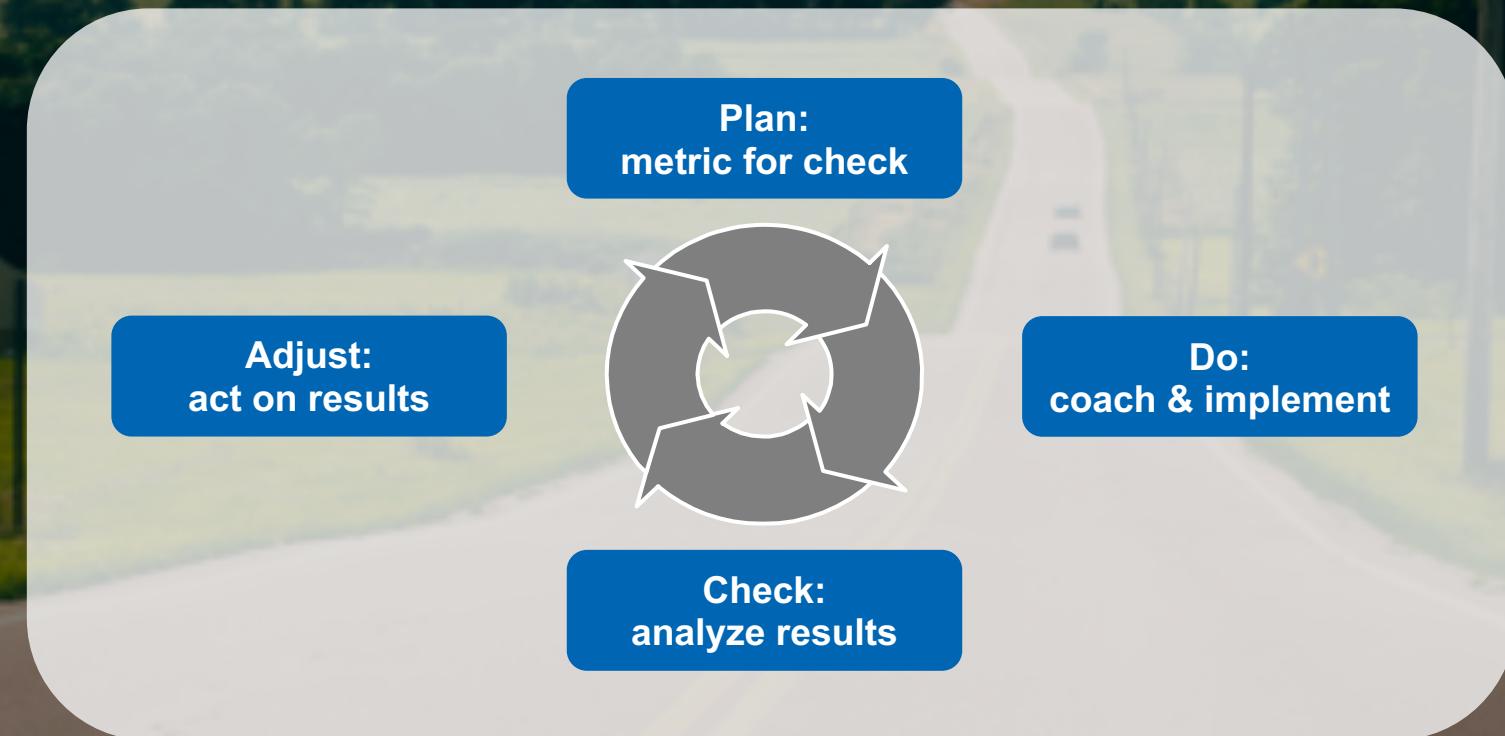
How to start



1. Process: Stabilize and Streamline



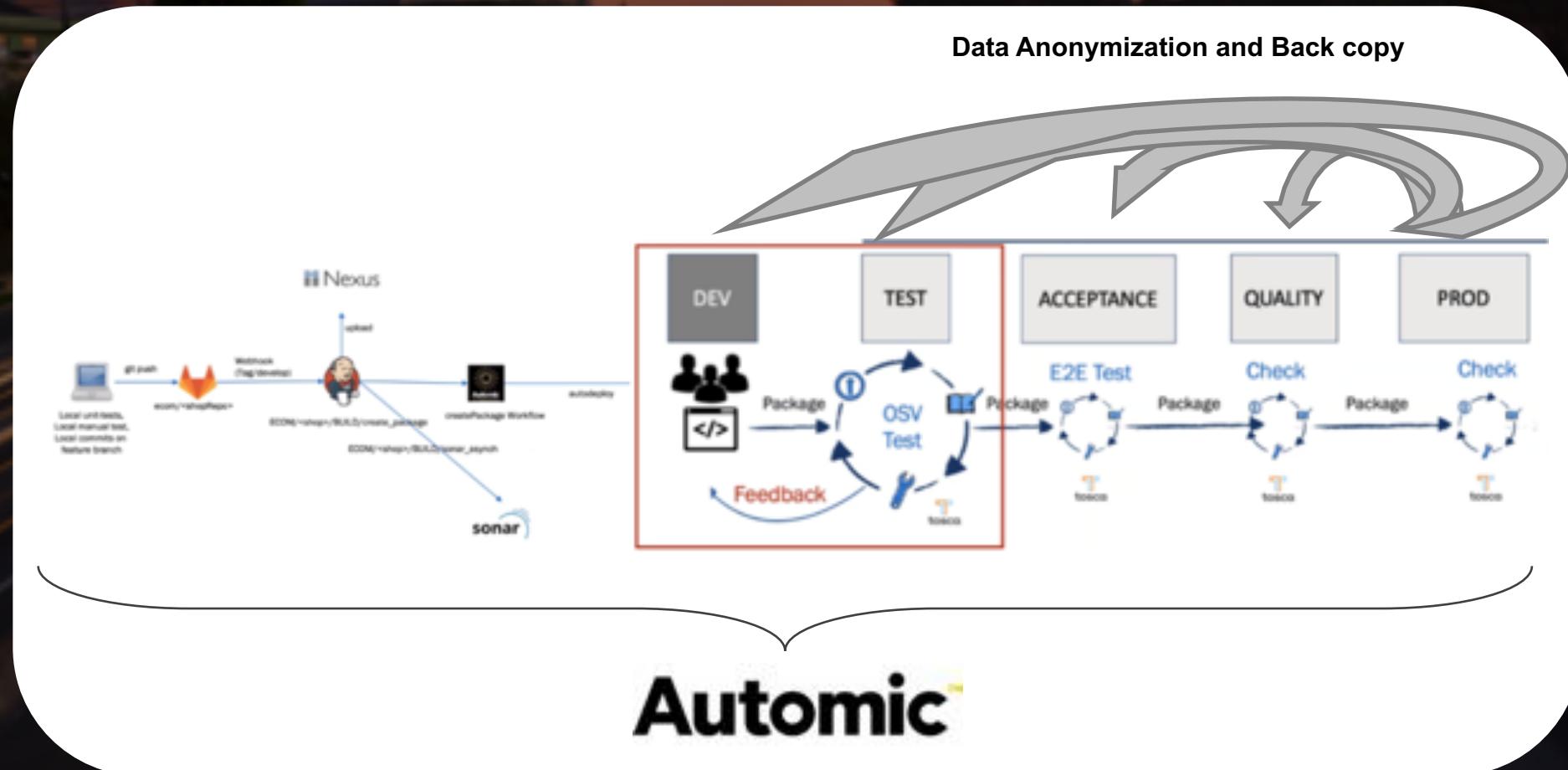
2. Culture: Pivot and Anchor



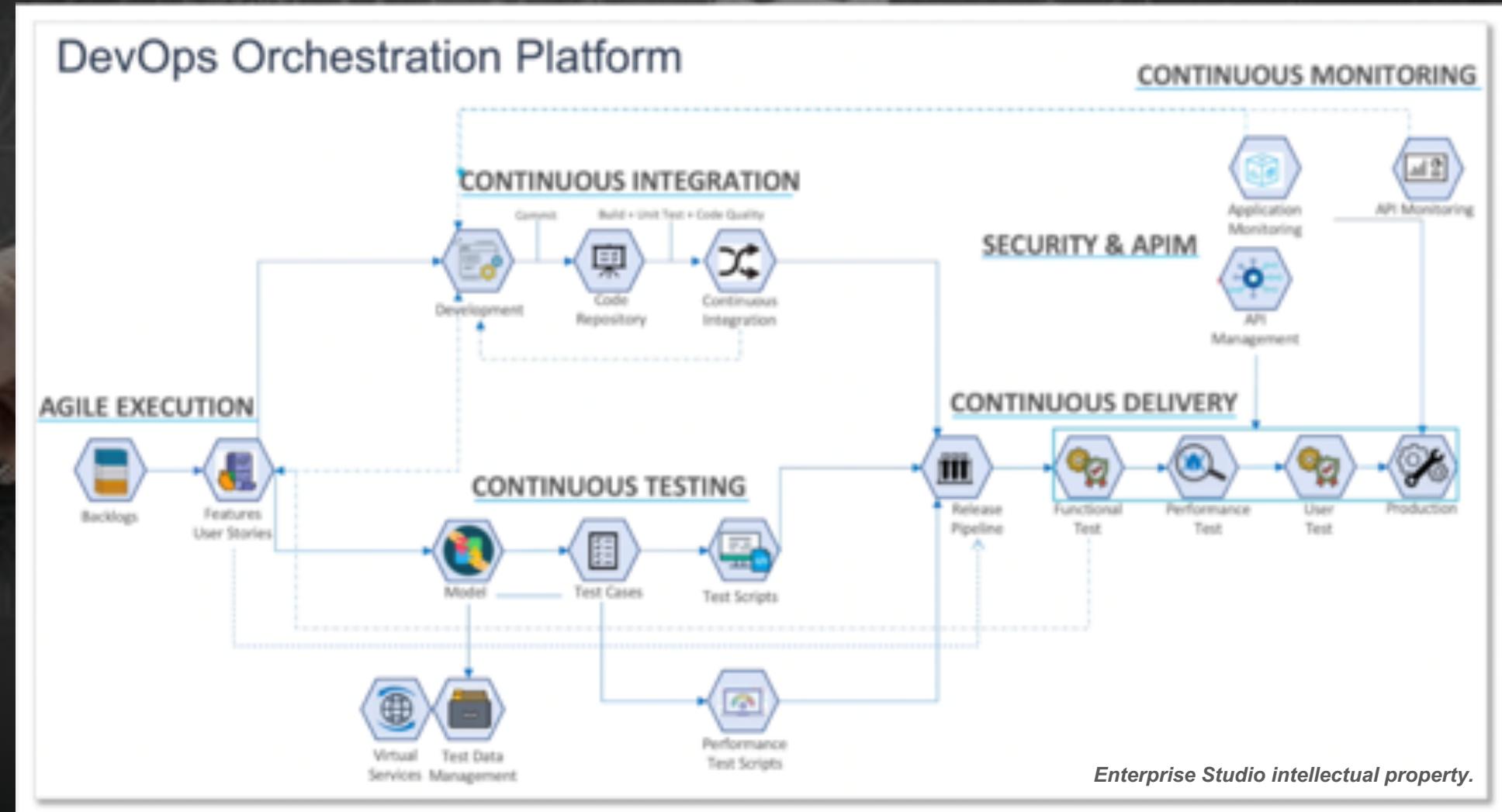
91%
reduction in deployment time

5 times
better quality

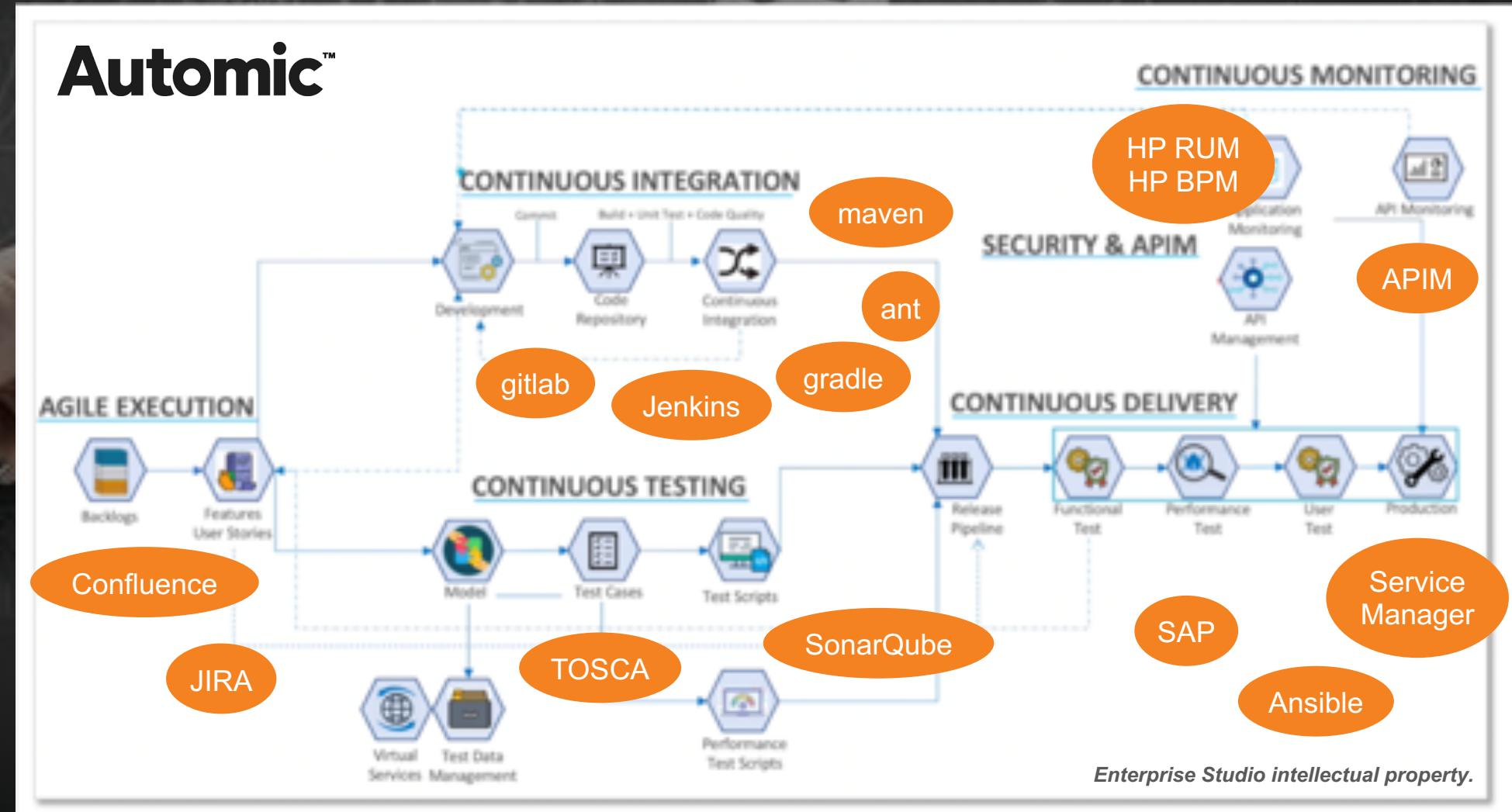
3. Automate Continuous Delivery



4. Orchestrate Full Delivery



4. Orchestrate



DevOps Orchestration Status 2020

99%

reduced deployment time
from one week to ½ hour

100%

compliance of test data,
consistent across systems

97%

reduced deployment
related errors

100%

streamlined,
in-house DevOps

<1 day

to provision a full production
like environment

105,000 €

cost savings /
release

910% ROI

for DevOps
Orchestration

6 mn €

labor cost savings
over the last 4 years

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

- Move from project to product thinking
- Consider real CI/CD instead of several weekly deploys
- Reality-Check for feature toggles
- Experiment with multi-stage CI Strategy for trunk based development
- Conquer the Monolith Web frontend Platform
- Establish performance test automation
- Drive feature-team thinking forward

1. Shift Left Continuously

- Change culture and processes from beginning
- Integration tests much earlier!
- Create some kind of continuous test automation

2. Automate Early

- Configure as code and automated CI/CD early
- Packaging cross-components
- Need for DevOps Orchestration Platform

3. Accelerate feedback-loops with teams

- Technology feedback
- Business feedback



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Sr. Architect Digital



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Thanks for your attention.

HCL

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