Hewlett Packard
Enterprise

Agile Sparks 2017

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VP ADM R&D, HPE Software

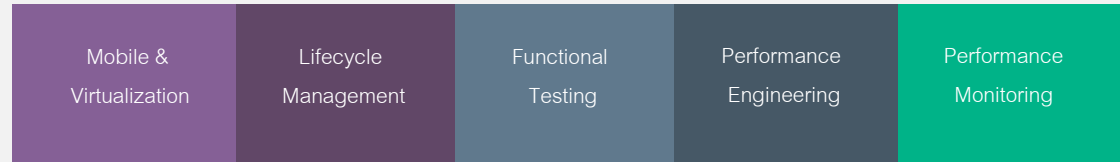# ADM R&D ID

ADM R&D Organization 2017

5 Pillars

Mobile & Virtualization	Lifecycle Management	Functional Testing	Performance Engineering	Performance Monitoring

Deliver ADM azing

R&D Engineers in Multiple Locations

Over 10,000 Customers

80 Releases a year

Execution · Customers · Innovation · People

Our Journey

FROM :

TO :

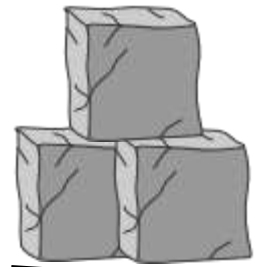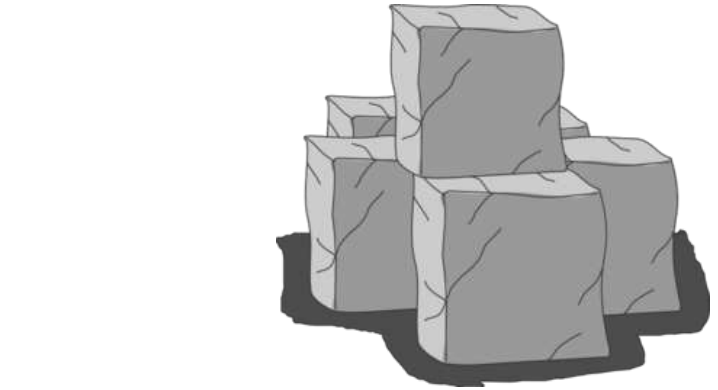|		
8 products	>	15 products
Major release every 18-24 months	>	On-Prem release every quarter & SaaS release every 4-8 weeks
Build to QA every 2-4 weeks	>	Continuous builds to R&D
Automation runs on demand for specific areas	>	Continuous automation in DevOps pipeline
Layered Development Org	>	E2E ownership domains
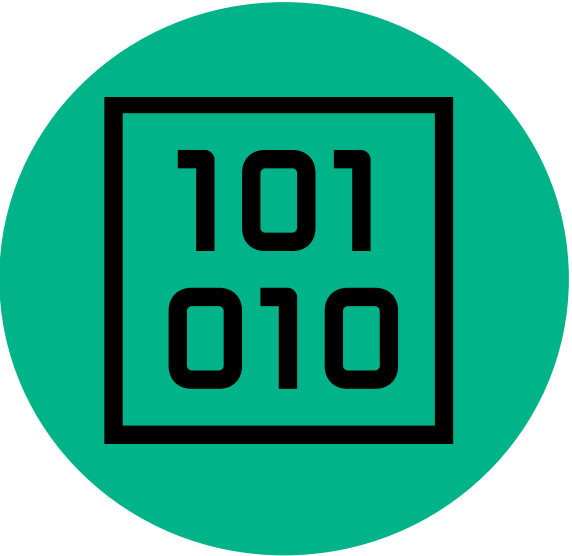
TECHNOLOGY   TECHNIQUE   TALENT
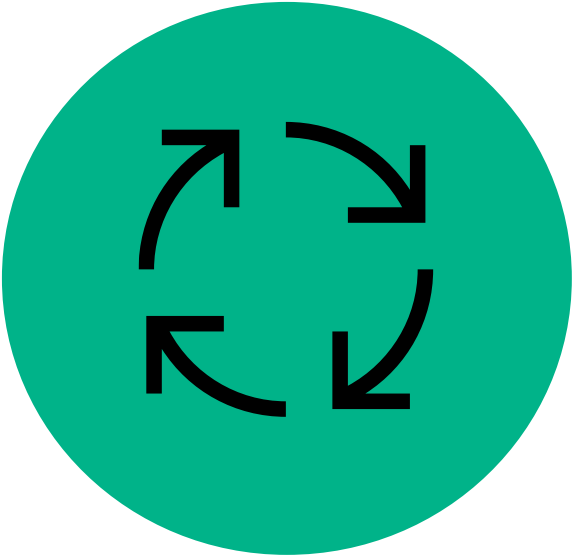
The Challenge

SCALE

Cost?

SPEED
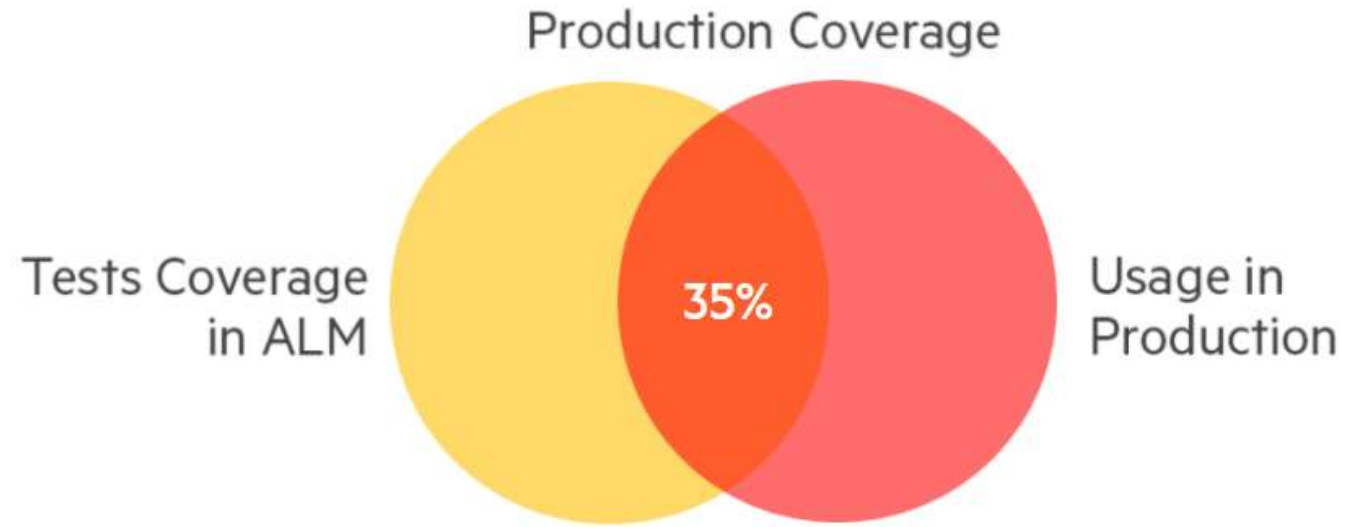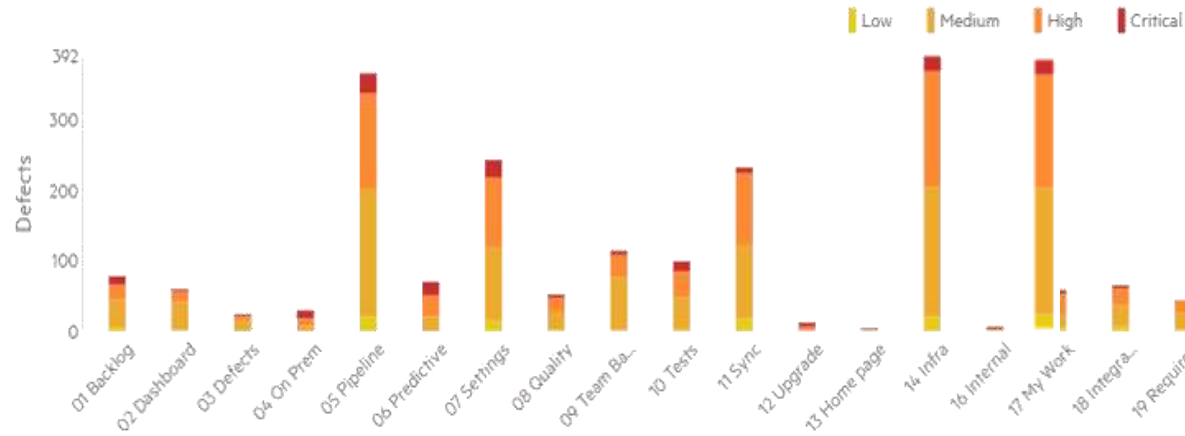
QUALITY

What To Test

Shopping Cart

Production Coverage

Tests Coverage
in ALM

35%

Usage in
Production
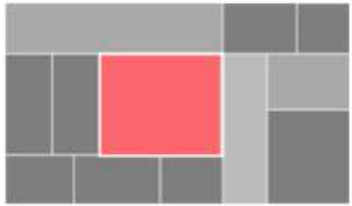
Create tests

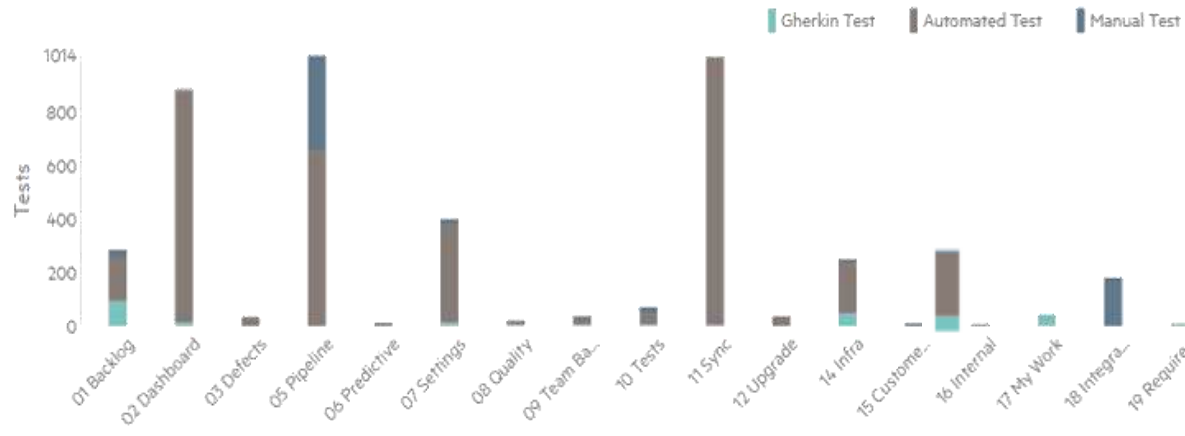| Flow in Production	Production Coverage	Coverage Increase	Test Coverage	Current Coverage
Personalized shopping filter	10%	15%	0%	Not Covered
Search promotions	20%	15%	20%	Partially

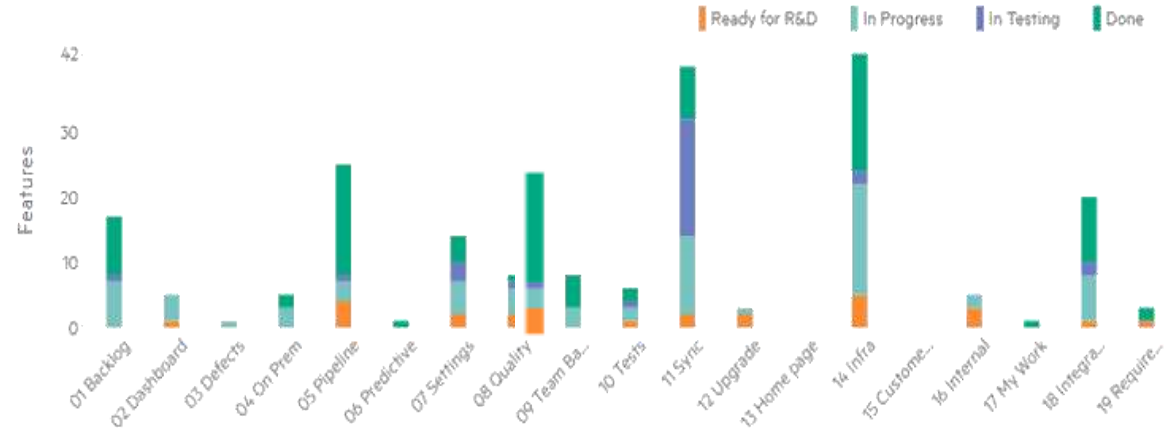# Connecting the dots – Actionable insights

Quality status by modules

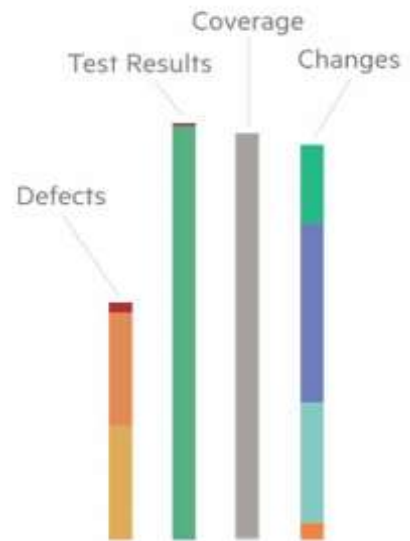Tests effectivness by modules
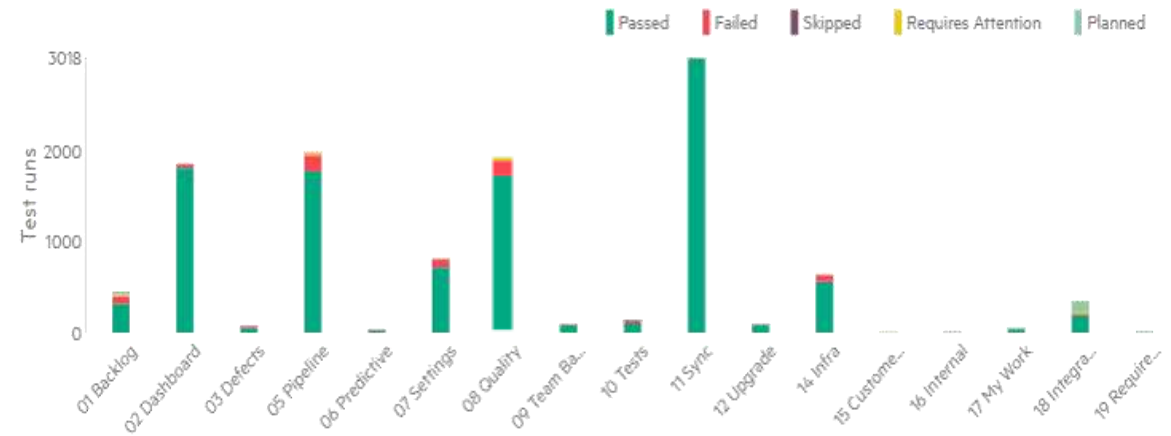
Test strategy covarage by modules

PI per module

Connecting the dots
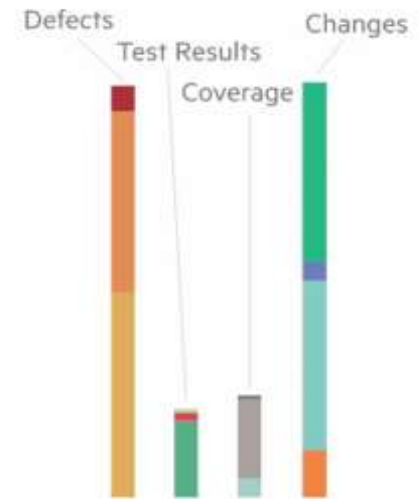
Insights and visibility

Cont. Quality in DevOps

Test Early, Fail Early & Fix Early	- Virtualize - Automate (testing and CI) - Monitor & Take Action
Visibility and Insights	- E2E business flows – Ops to Dev - Real life condition testing - Corrective actions (CI, coverage, efficiency)
Real Feedbacks loops	- Gradual deployment - Customers validation programs - Real users staging environment and data

And always remember,
You're Only As Strong As Your Next Move