

From Screaming to Streaming – A journey to DevOps

Tal Levi Joseph

VP Product Management, Portfolio and Lifecycle Management, ADM June 2019



Micro Focus Today

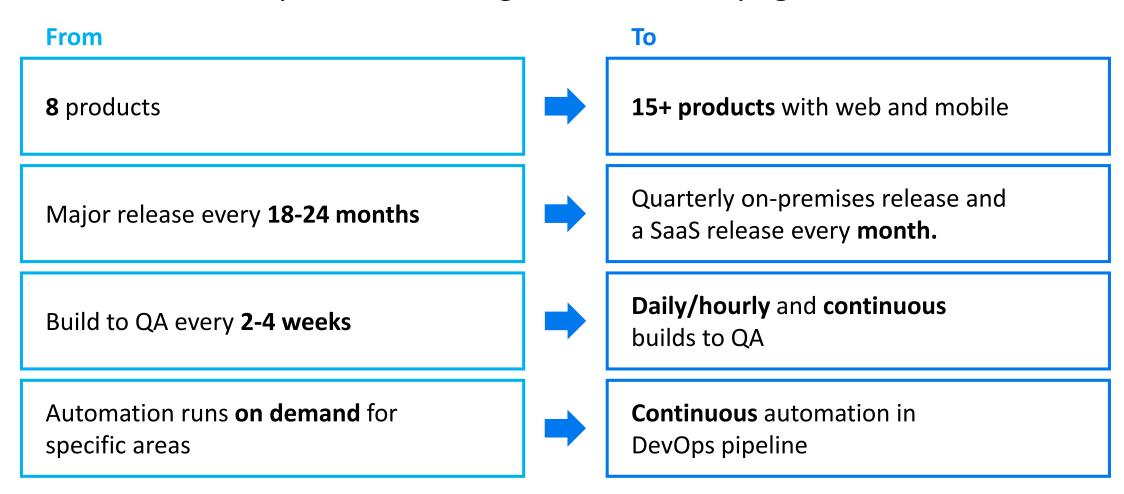
Built on stability, innovation and delivering for customers over the long term





Micro Focus ADM – Our own DevOps Transformation

Practice what we preach, drinking our own Champagne





Three transformation aspects



Manage the Change



Quality @ Speed



DevOps Insights



Manage

Focus on What Matters



"What if we don't change at all ...
and something magical just happens?"

Manage the Change

DevOps is a change in mind set.

Focus on the Right Thing

Incremental progress

Different Success Factors



Shift of Critical Success Factors:

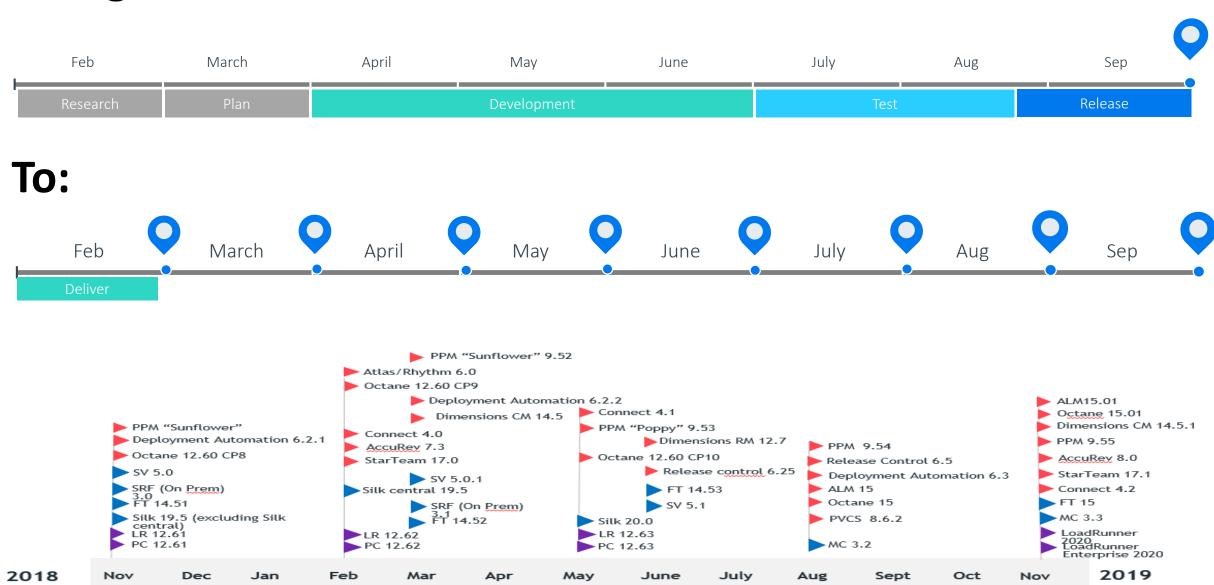
FROM	то
Content followed by Stabilization and Quality	Sprint Quality & Stability before content (DoD)
Successful regression cycles	CI stable at all time
How much time it will take to test/stabilize (weeks)	How fast we can deliver input back to developers (minutes)
What is the release status	Cont. updated status on readiness and projection
Release when all planned content is done	Fixed release trains, continuously deliver based on priorities



Going from:

Q1 2019

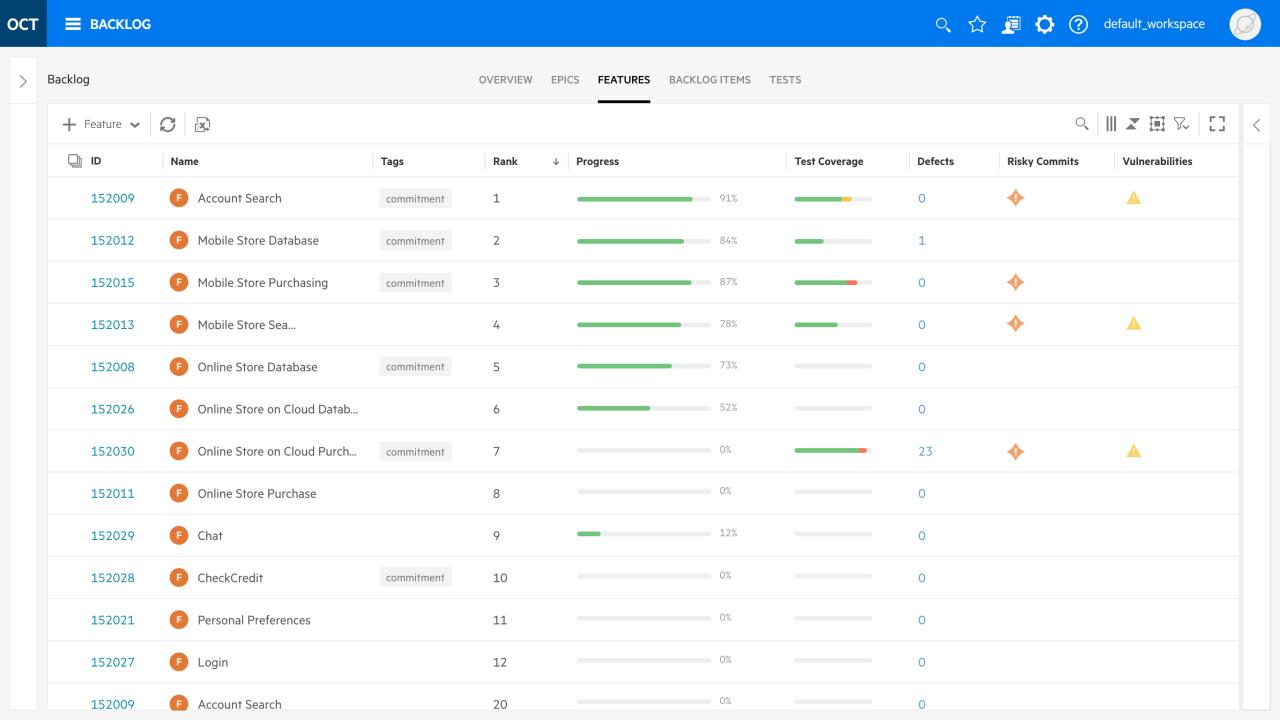
Q2 2019



Q3 2019

Q4 2019

Q1 2020

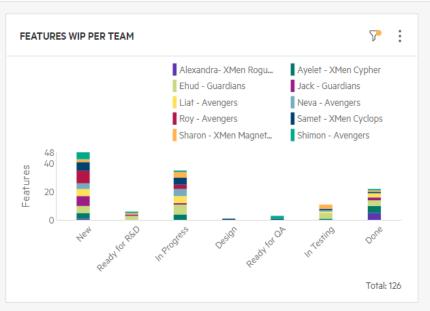




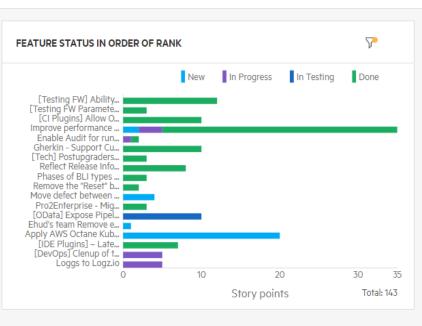


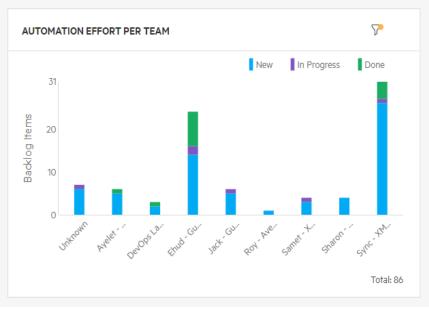


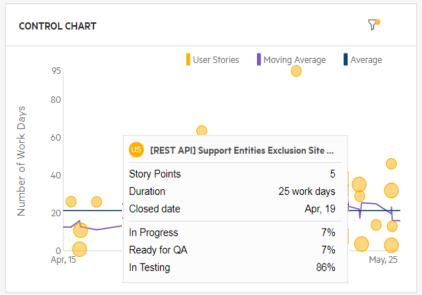
+ E C ™

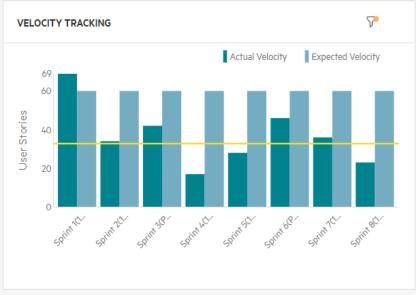












Culture Change

Collaboration & Communication at the core

Breaking the Silos

- Involve all stakeholders at early phases
- Structural changes

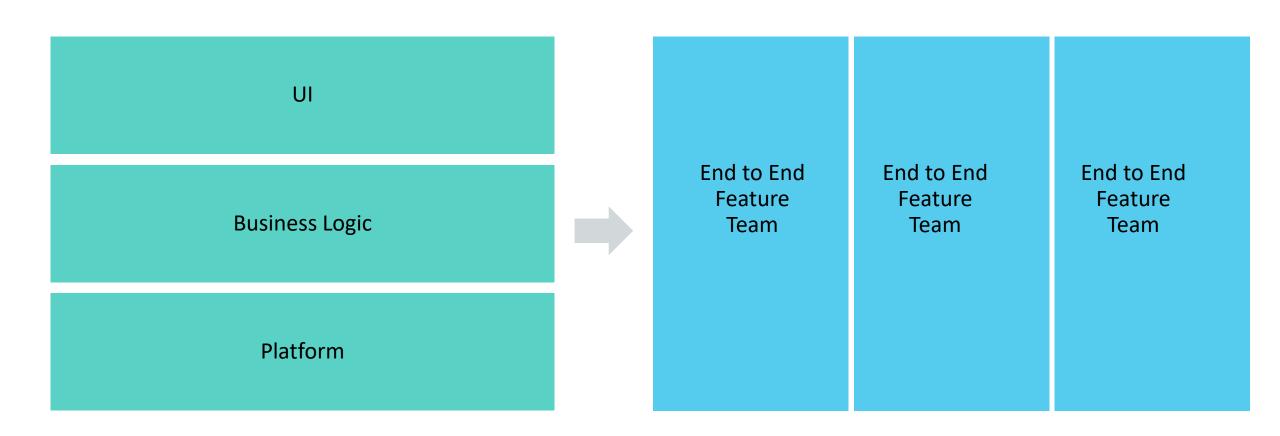


"What if, and I know this sounds kooky, we communicated with the employees."



Organizational Structure Change

Agile Team Structure – Move from Horizontal to Vertical Teams





Continuous Learning

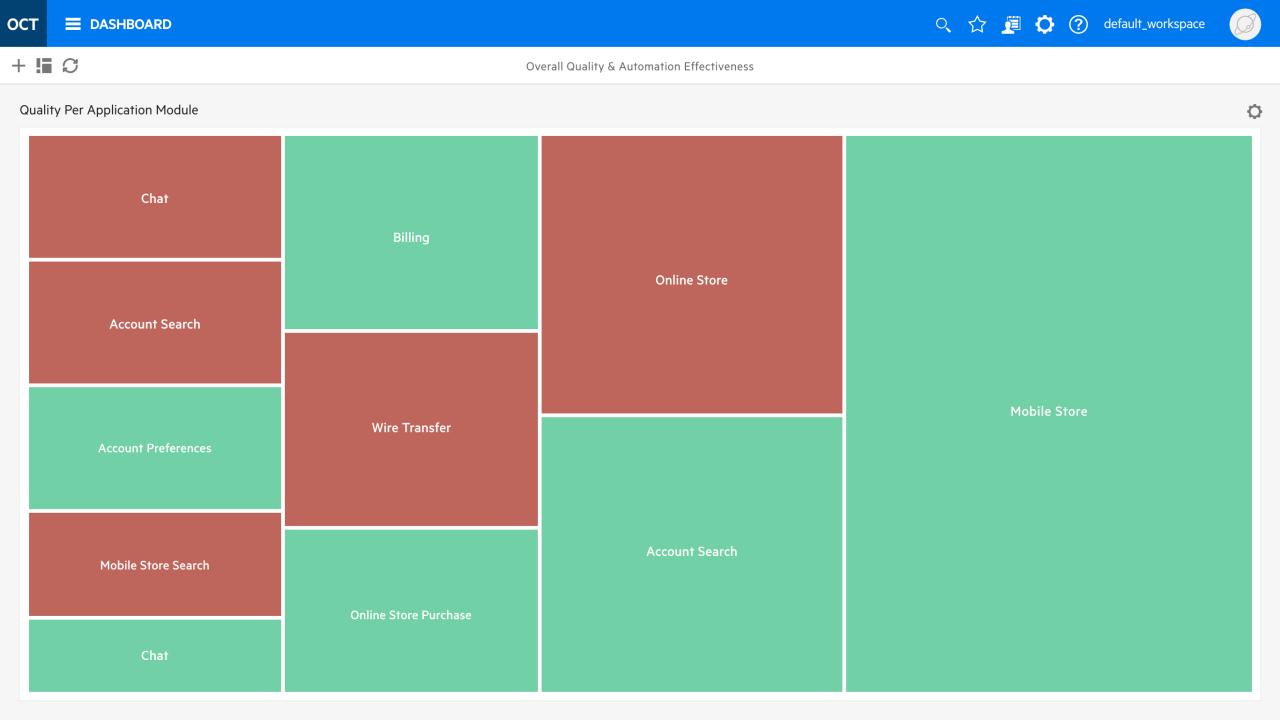


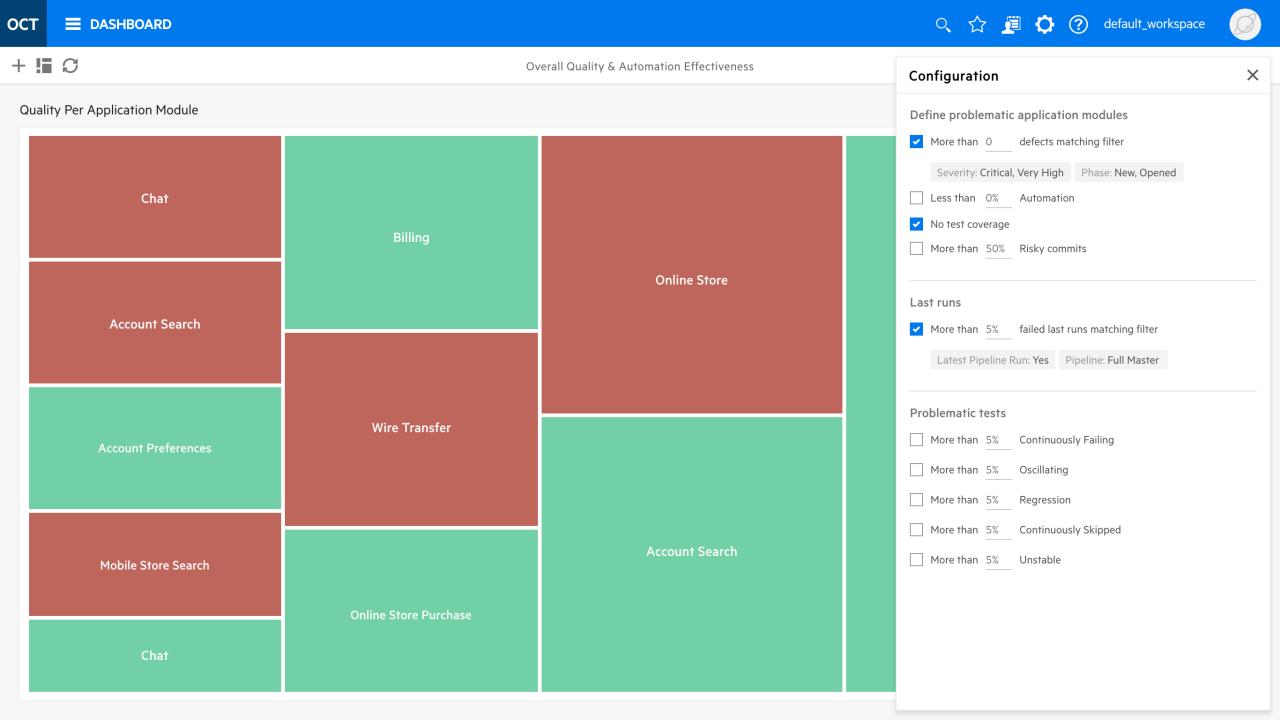


Quality
at
Speed









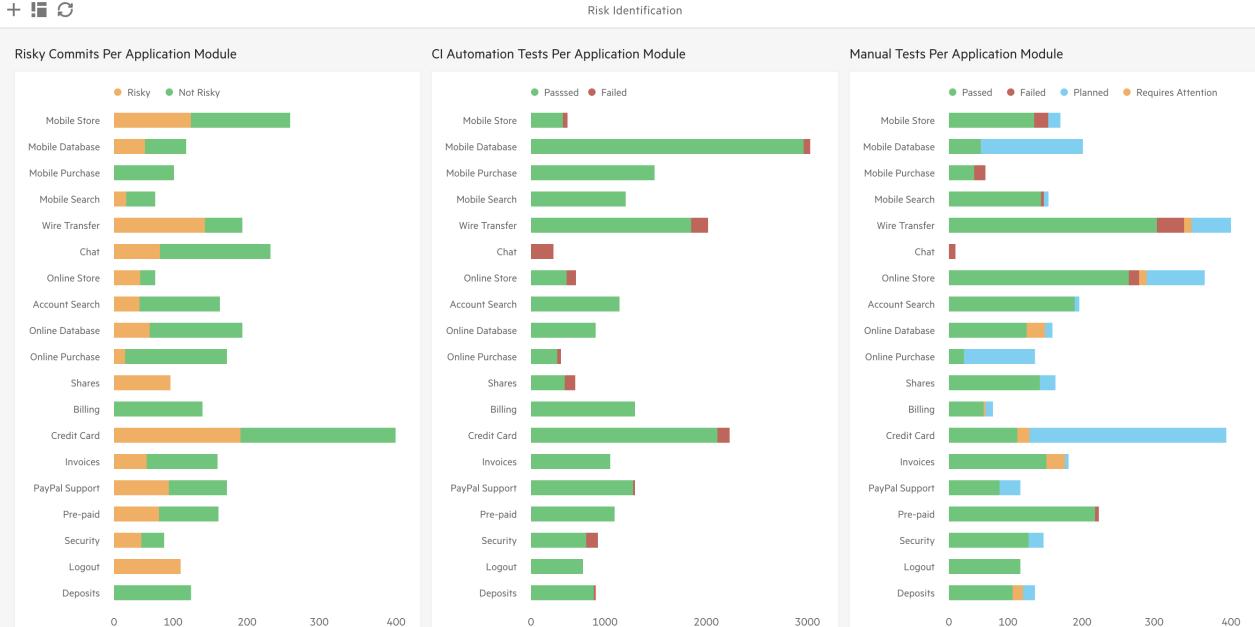
Quality at Speed

Test Early and Automate

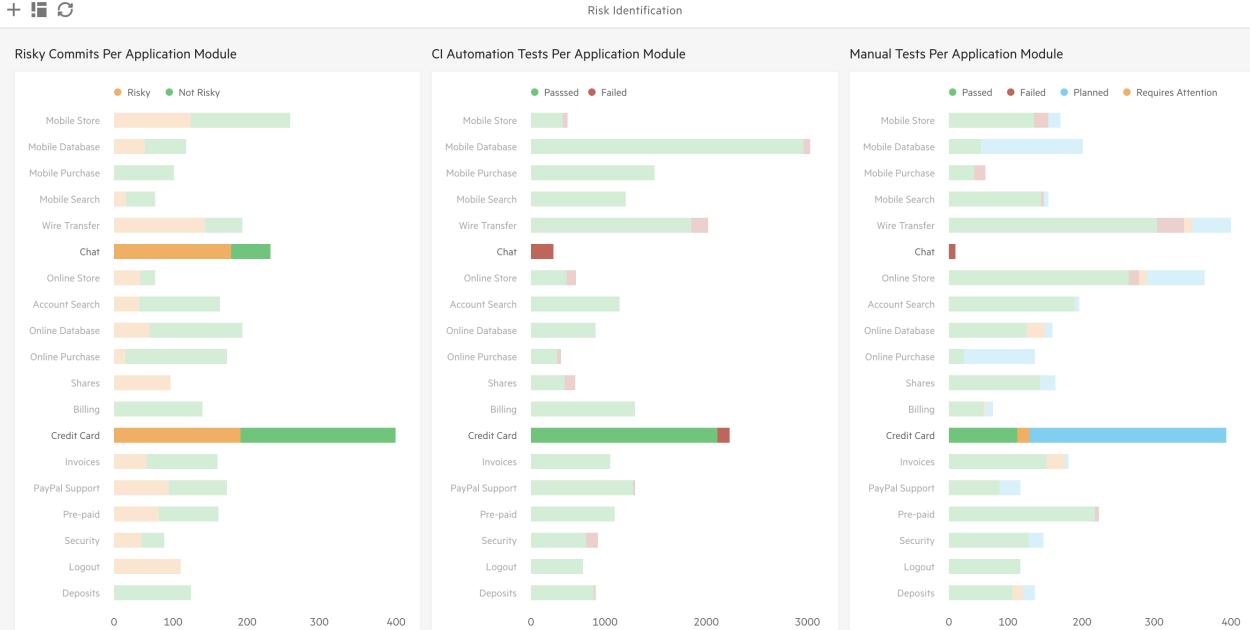
- Automation where to start from...?
 - Don't go from 0% to 100% automation at once very fast you will lose control!
 - Measure automation investments and cost
- Automation Effectiveness & Stability
 - Where to focus your testing effort?
 - How to identify false positives/unstable tests?
 - How to provide fast feedback to developers?
- Who writes automation?





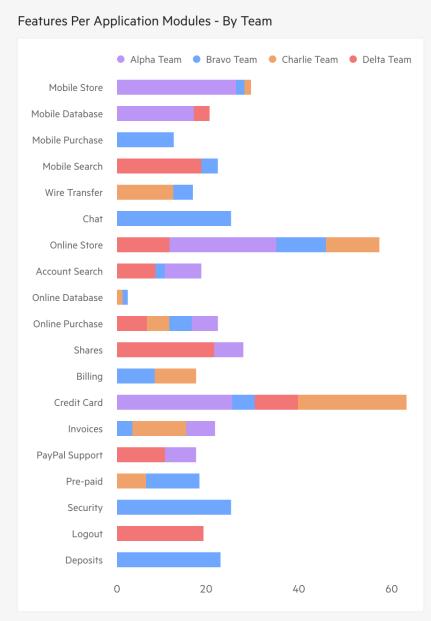


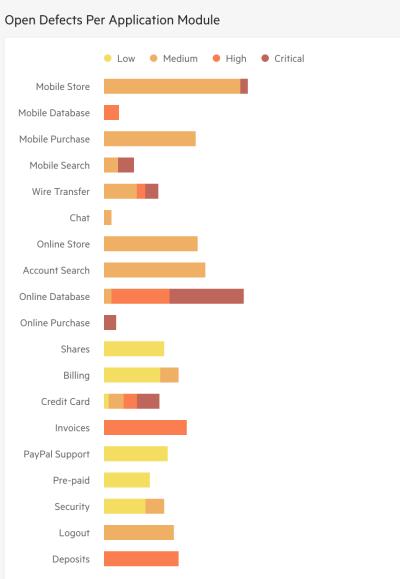












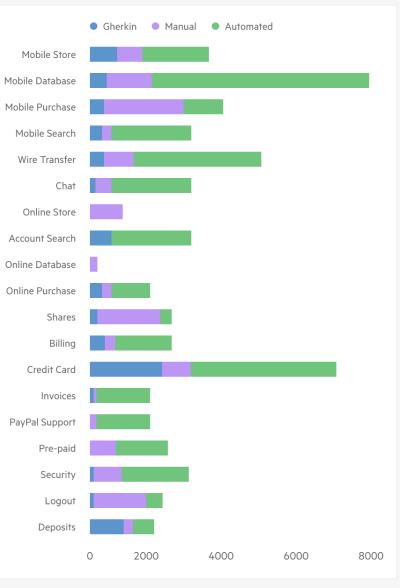
10

20

30

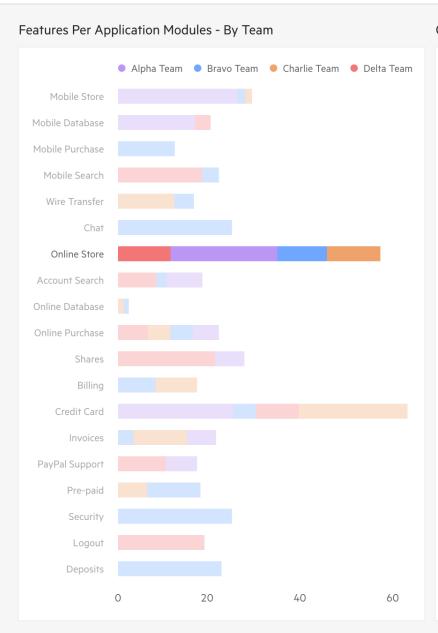
0

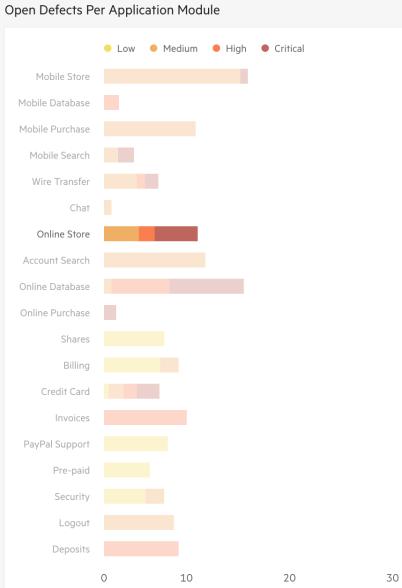


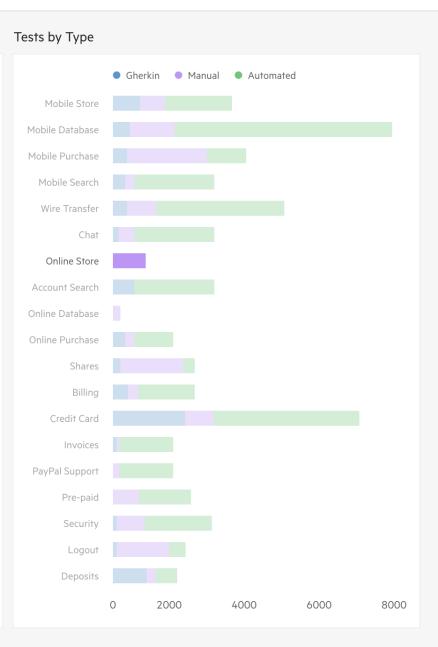












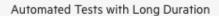
Q

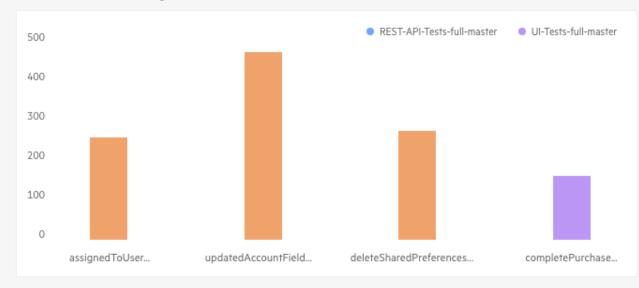
default_workspace



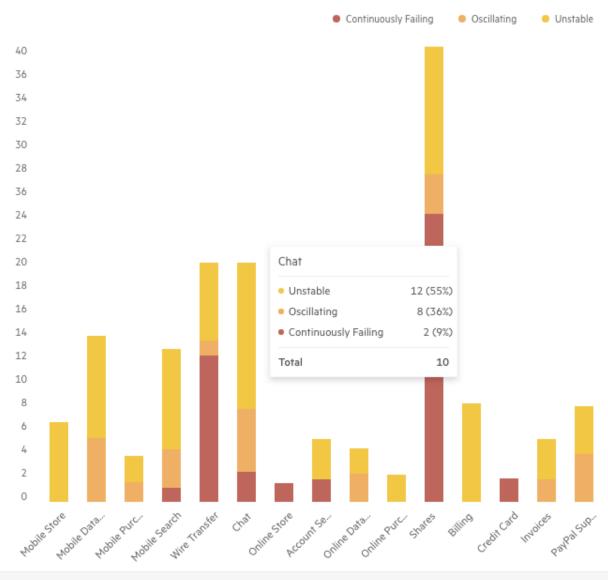
+ C Automation Effectiveness





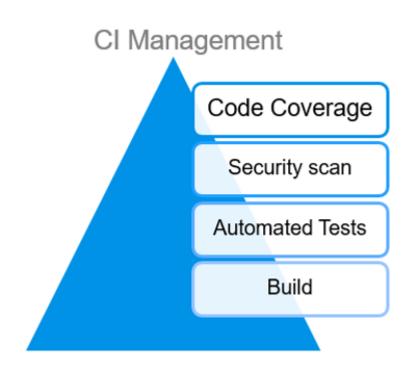


Unstable Tests per Area

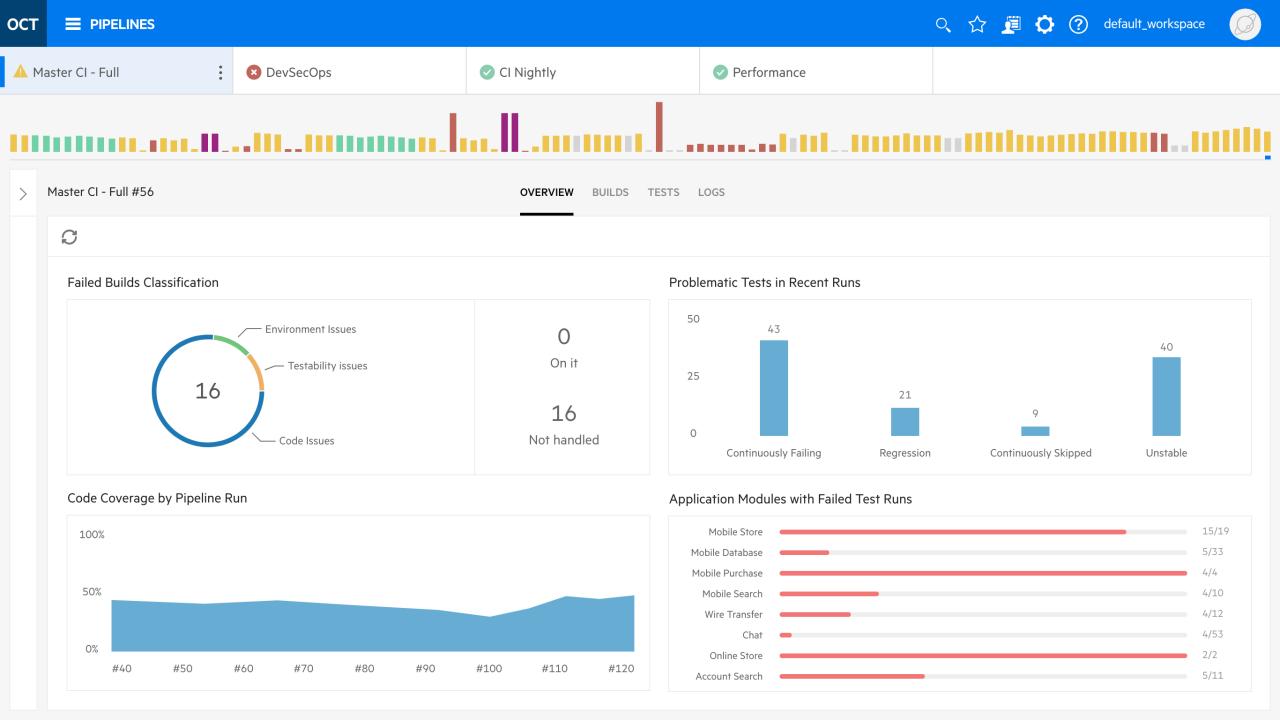


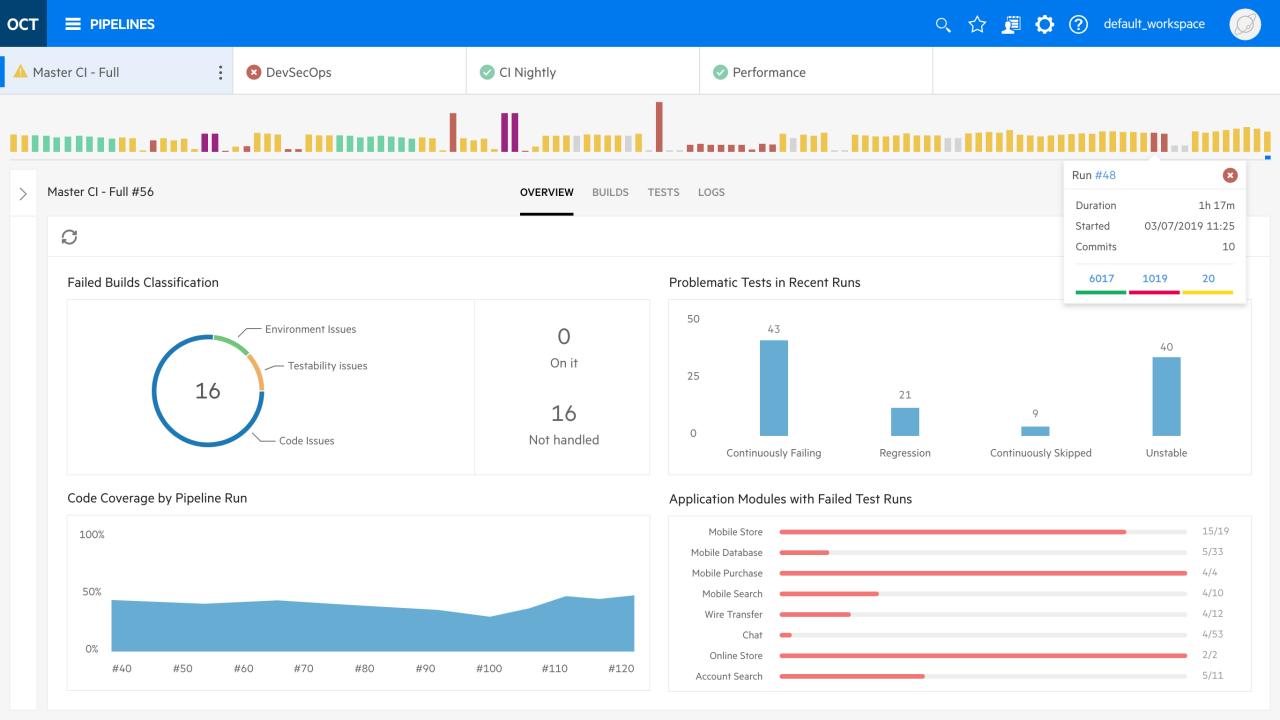
Quality at Speed

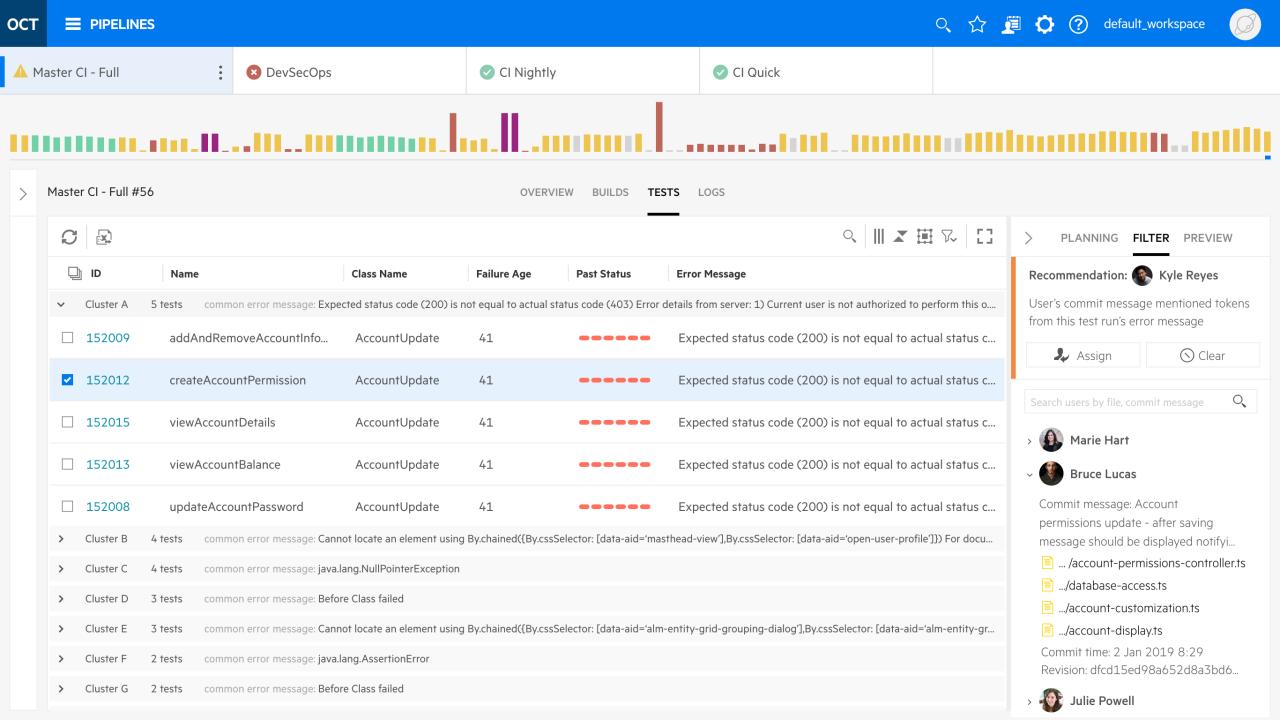
Continuous Quality – Keep it Stable and Simple











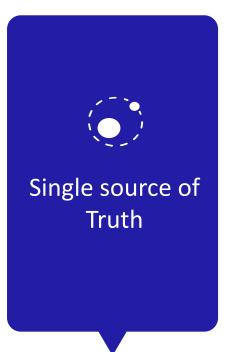
Insights make work visible

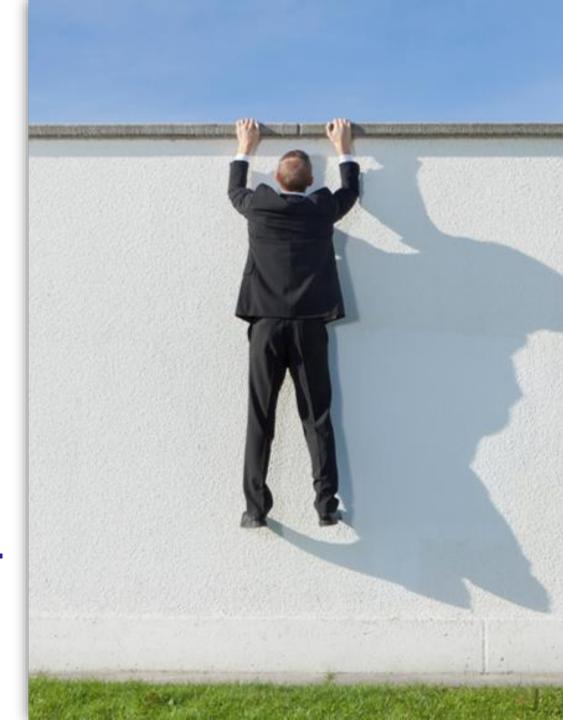


Actionable Insights



Measure what Matters





Define key metrics with traceability to root cause



increase value

Feature usage
Defect age
Business impact
Application usage/traffic



improve quality

Deployment success rate
Application error rate
Escaped defects
of support tickets

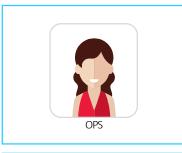






accelerate delivery

Lead times
Automation rates
Change complexity
Deployment frequency



maintain reliability

Mean-Time-To-Recover Configuration drift Availability Resource utilization



Get the momentum going

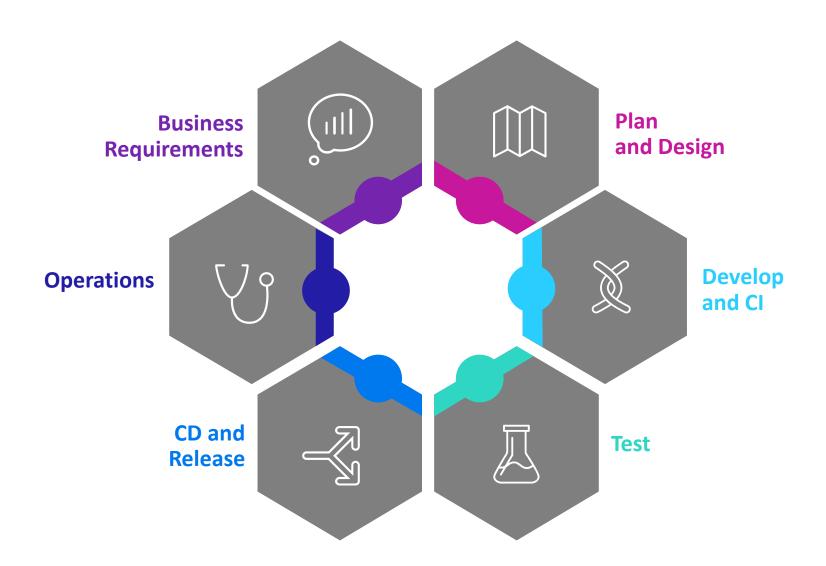


Choose metrics aimed at goals or process issues



Measure fast to enable real-time feedback loops









"When you run a marathon, you run against the distance, not against the other runners and not against the time". Haile Gebrselassie

