



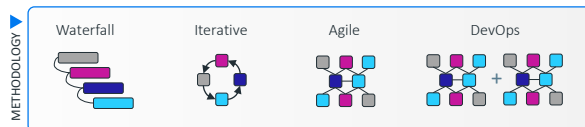
The Micro Focus DevOps Suite

Sneha Crews
Director of Support Services

Modern Software Lifecycle Disruptions

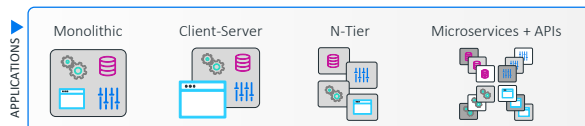
DevOps Adoption

Changes everything



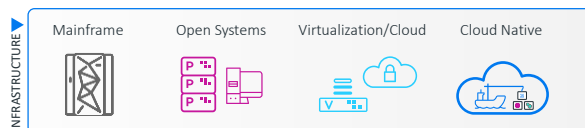
Software Complexity

Growing to the point of chaos



Cloud Transformation

Shift to cloud / utility models



CONTROL POINT SHIFTS

- **ORGANIZATION**
Shift from IT centric to LOB projects with self-service
- **TECHNOLOGY**
Shift from enterprise architecture to developer dominance
- **REQUIREMENTS**
Shift from elicitation and sign-off to dynamic backlog
- **QUALITY**
Shift from quality COEs to continuous quality in every part of the lifecycle
- **DEPLOYMENT**
Shift from release trains to DevOps deployment automation

DevOps Market Overview

- DevOps has evolved from a niche to a mainstream strategy
- Identified as a 'hot' market by leading analysts
- 88% of companies surveyed for the [World Quality Report 2017-18](#) use or experiment with DevOps, and this number is growing.
- DevOps-ready tools will continue to see the largest growth potential



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DevOps principles

01

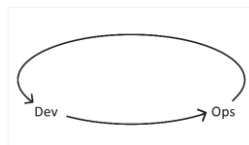
System Thinking



- Prioritizing the “system”
- Service Management
- Easy to Try, Deploy, Run, Use

02

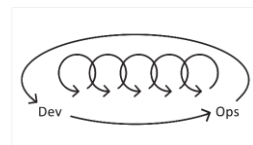
Amplify Feedback Loops



- Usage Analytics
- Data Driven Decision Making
- Behavior Analytics

03

Culture of Continual Experimentation and learning



- A/B Testing
- Canary Testing
- Gradual exposure

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Challenges of DevOps at Enterprise scale

 Many tools and integrations

 Long test cycles

 Pipeline triage

 Communication and collaboration

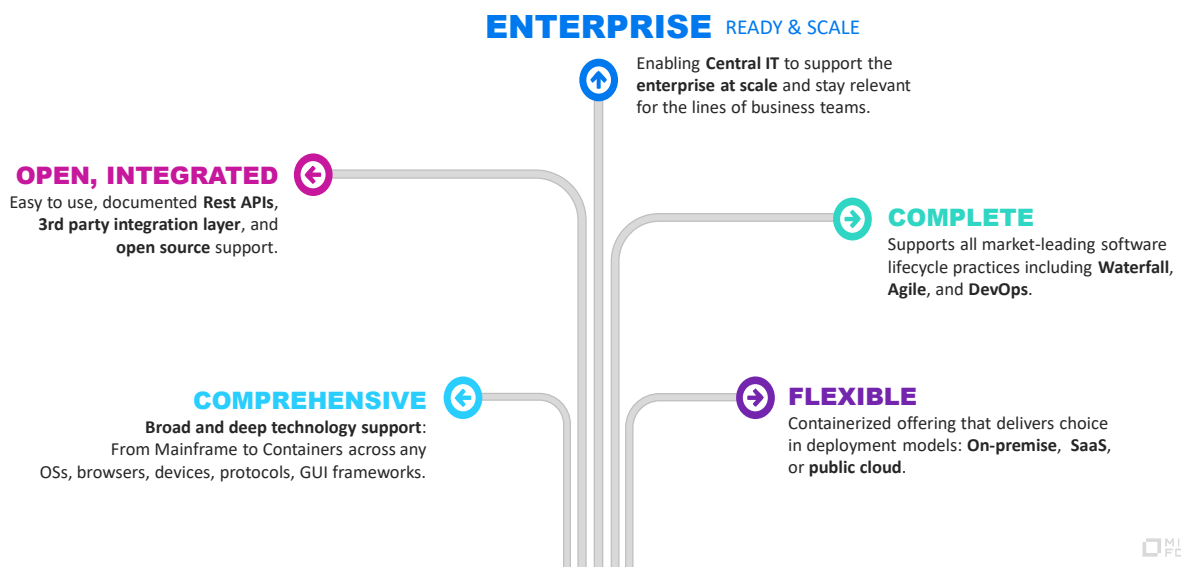
 Budget allocation

 Legacy dependencies

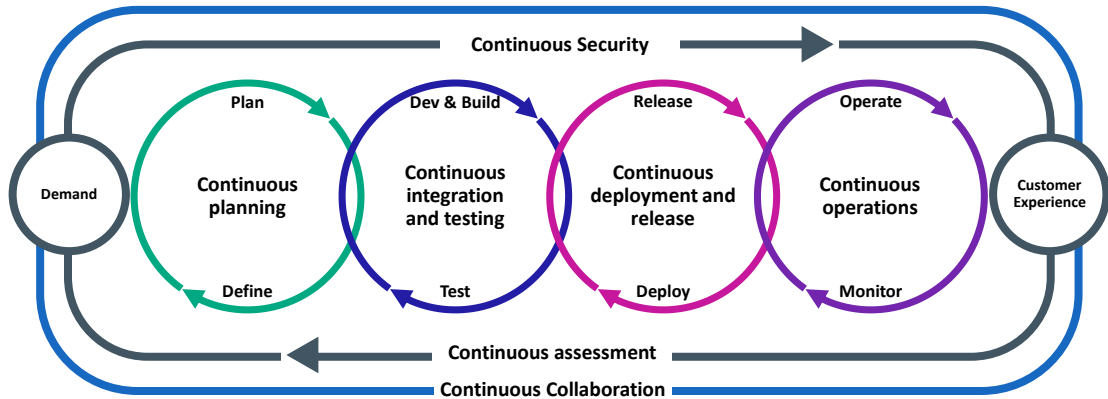
 Regulatory compliance

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5 principles behind the Micro Focus DevOps Suite



Enterprise DevOps



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MicroFocus | End-to-End DevOps

PLAN

Project, Portfolio and Requirements

- Project & Portfolio Mgmt
- Atlas
- Dimensions RM
- Caliber
- Rhythm

Mainframe + COBOL

- Enterprise Developer
- Visual Cobol

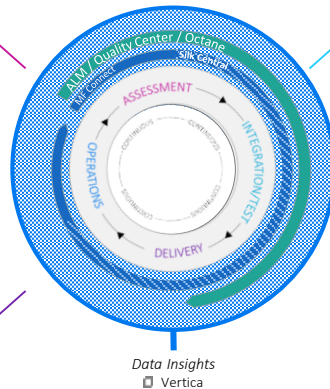
OPERATE

Application and User Monitoring

- AppPulse
- Silk Performance Manager
- Hybrid Cloud Automation
- Data Center Automation

RELEASE/DEPLOY

- Release Control
- Deployment Automation



BUILD

Software Change & Configuration Mgmt

- AccuRev
- Dimensions CM
- Star Team
- PVCS

Mainframe + COBOL

- ChangeMan
- StarTool
- ESync

TEST

Functional Test

- UFT
- BPT
- Sprinter
- StormRunner Functional
- Silk Test
- Silk WebDriver

Security Test

- Fortify

Performance Test

- LoadRunner
- Performance Center
- StormRunner Load
- Silk Performer

Digital Lab

- Mobile Center
- Service Virtualization
- Network Virtualization



The Micro Focus DevOps Suite

An integrated set of products that help you **govern, test, manage, monitor** and **improve** your software.

ALM Octane

for lifecycle and pipeline management;

StormRunner Functional

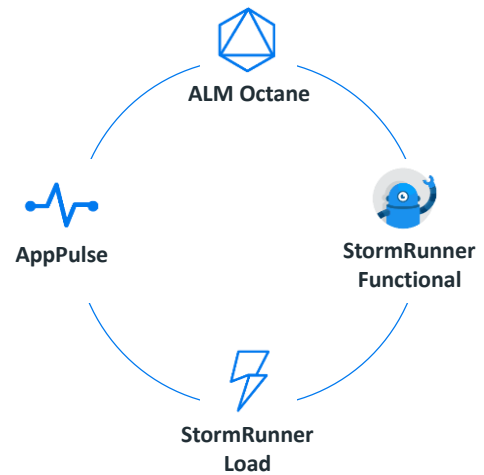
for functional testing of web and mobile applications;

StormRunner Load

for performance testing of web and mobile applications;

AppPulse

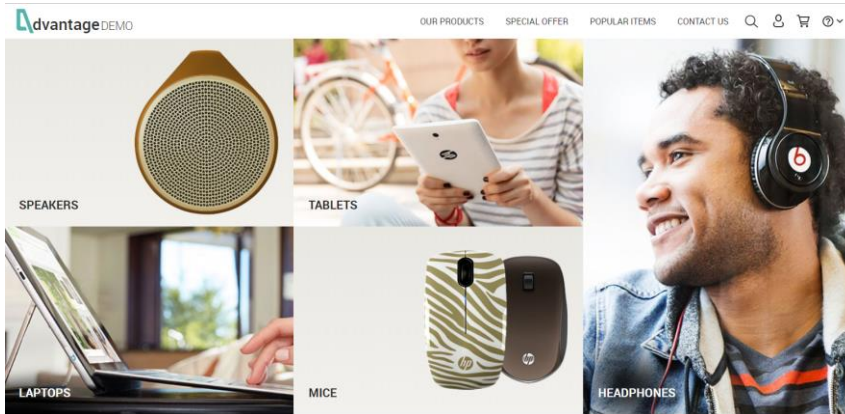
suite to monitor and adapt your products' user experience in production



<http://microfocus.com/devopssuite>, devops@microfocus.com

A Day in the Life of a DevOps Team

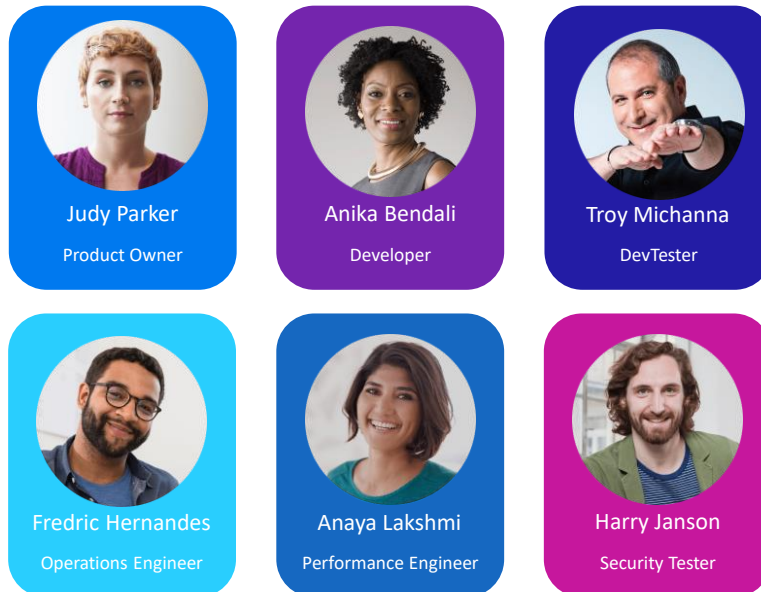
Let's buy a laptop



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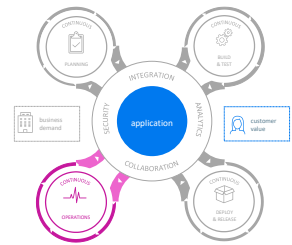
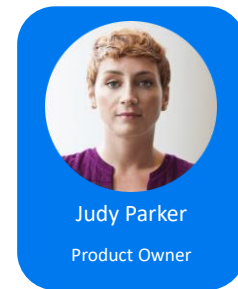
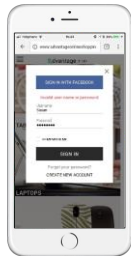
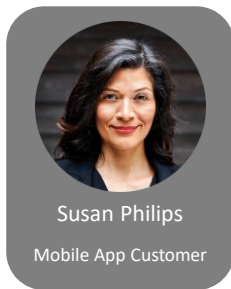
DevOps Team



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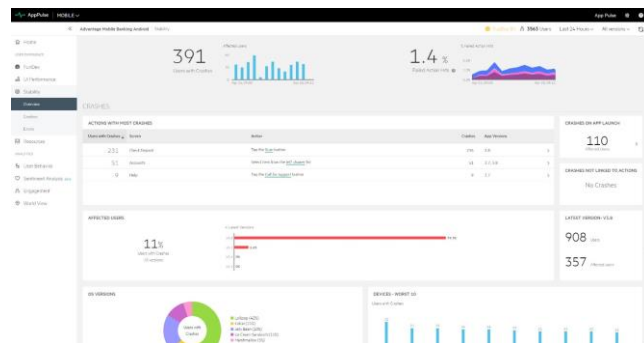
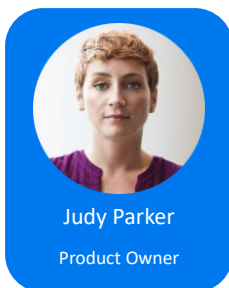
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Customer experiences an issue with the app



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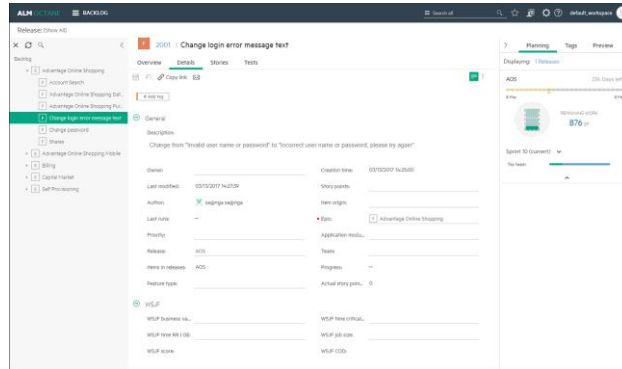
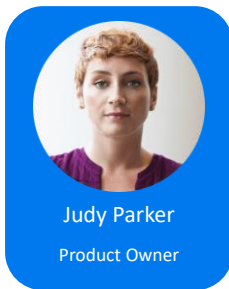
Product Owner Assesses Impact



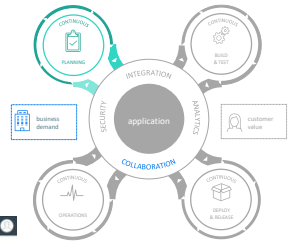
 AppPulse

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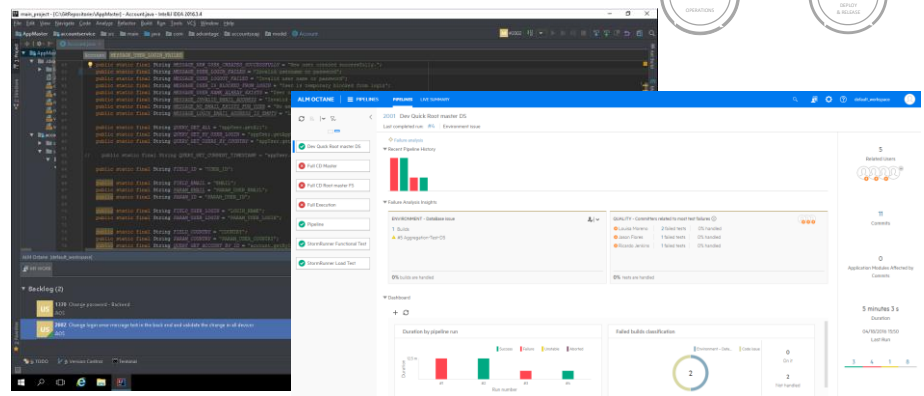
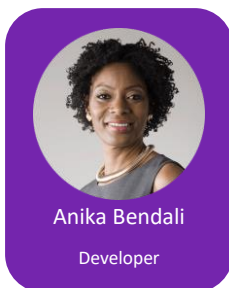
Product Owner assigns owner for the problem



ALM Octane



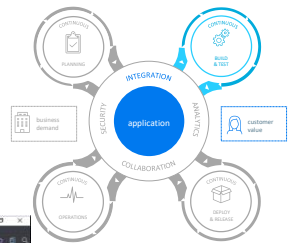
Developer implements a fix



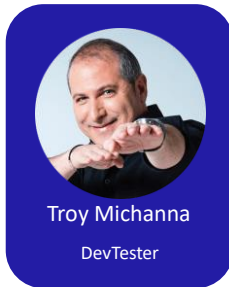
Uses ALM Octane
in the IDE



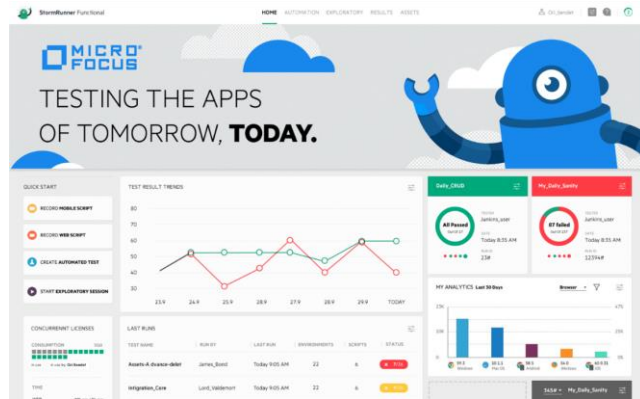
Starts build, and pipeline is
monitored in ALM Octane



CI runs functional tests



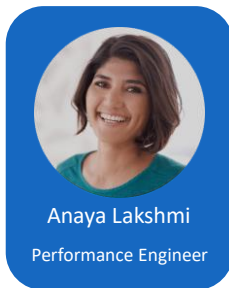
Functional testing in
StormRunner Functional



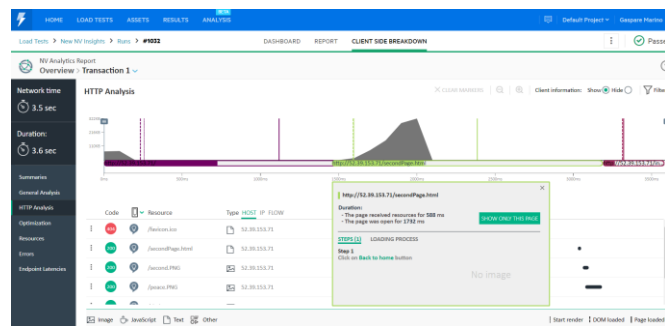
→ Quality reported
in ALM Octane

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CI runs performance tests



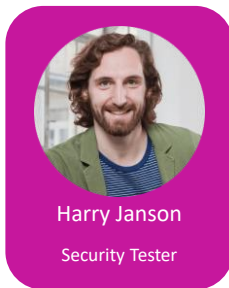
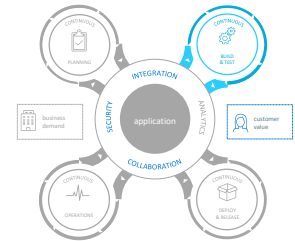
Performance Testing in
StormRunner Load



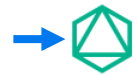
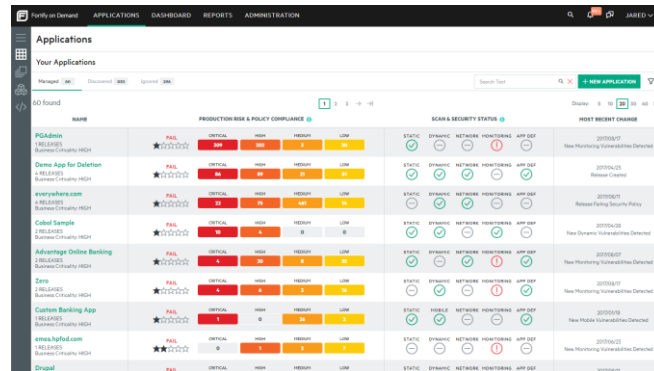
→ Results reported
in ALM Octane

MICRO FOCUS

CI runs security tests



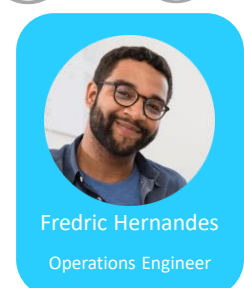
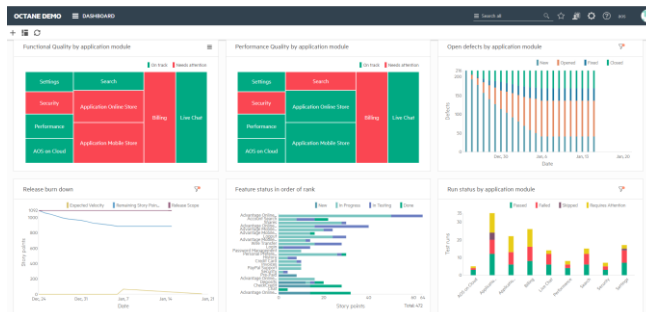
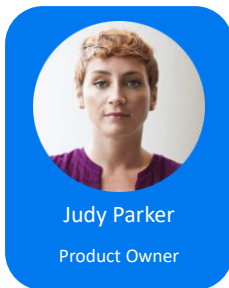
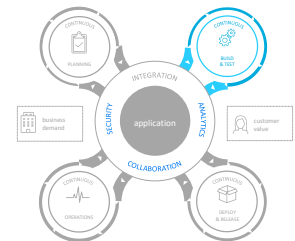
Security Testing in Fortify



Results reported
in ALM Octane



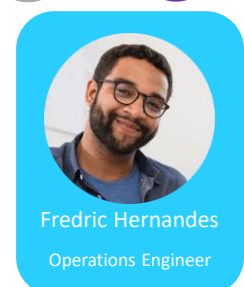
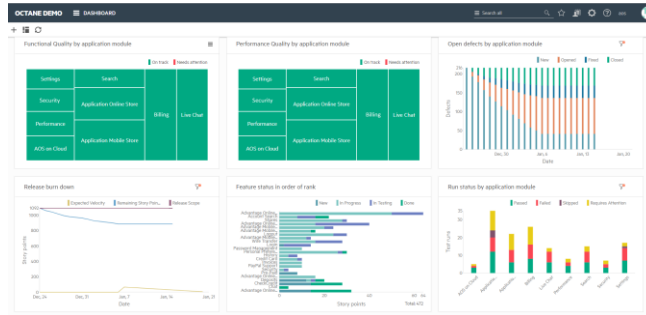
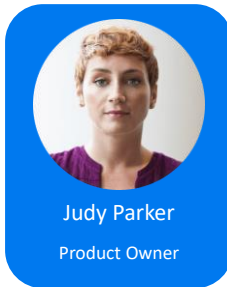
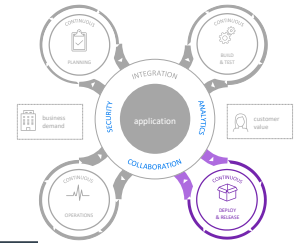
Release Control



Monitor release readiness in ALM Octane



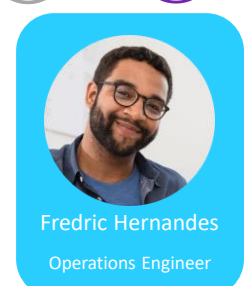
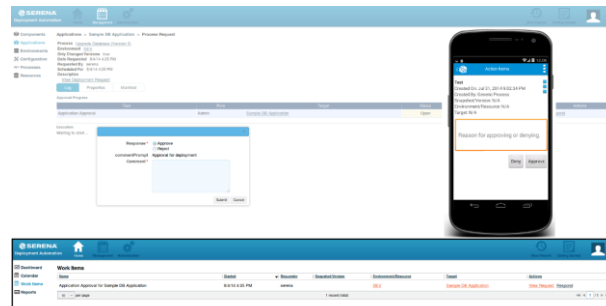
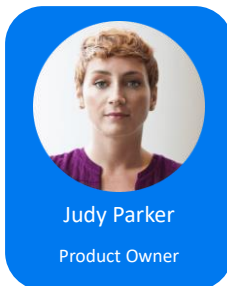
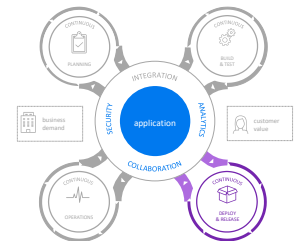
Release Control



Monitor release readiness in ALM Octane

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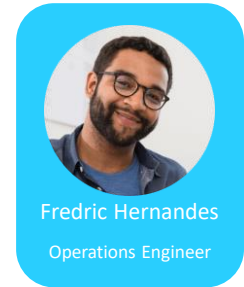
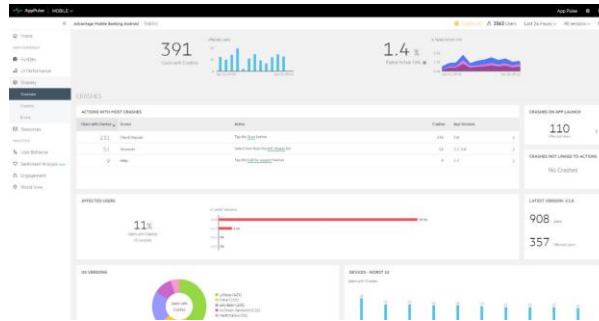
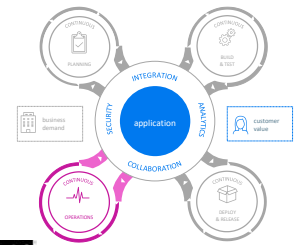
Deploy to production




Deploy with Deployment Automation

MICRO FOCUS

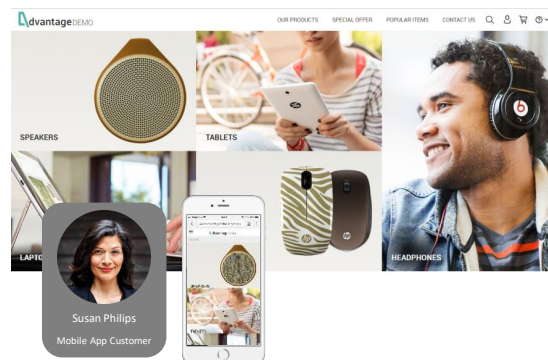
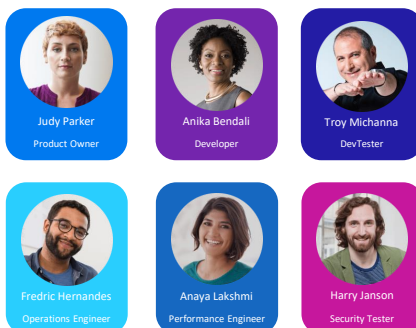
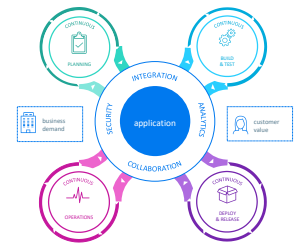
Operate and monitor in production



 Monitor with AppPulse

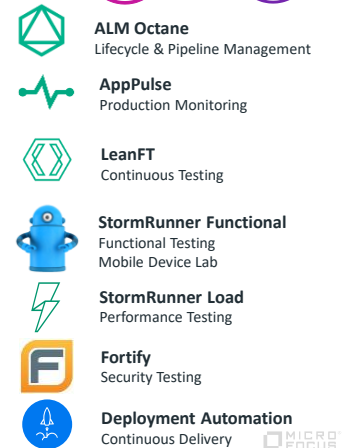
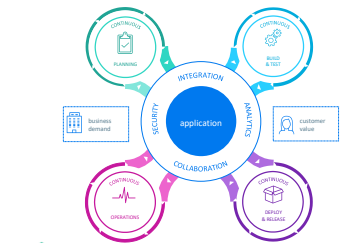
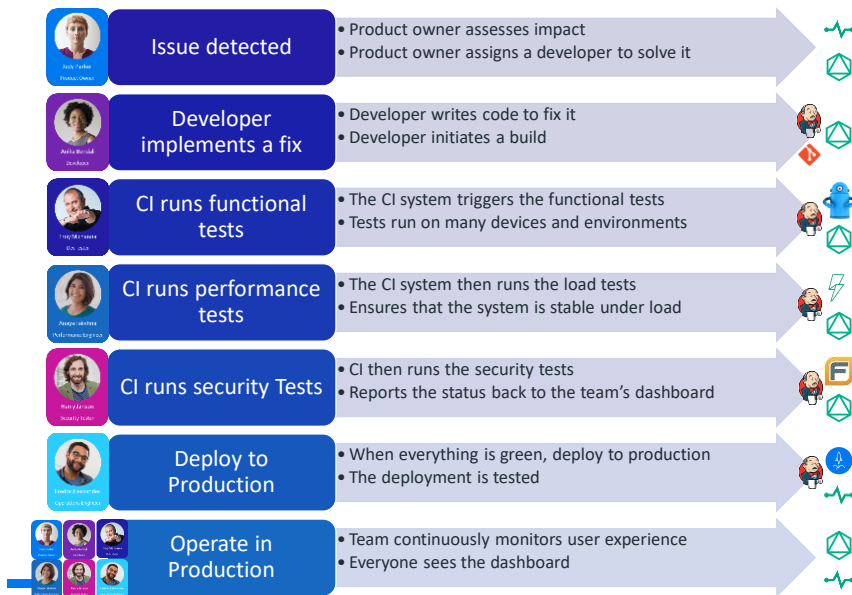
MICRO FOCUS

Operate and monitor in production



MICRO FOCUS

Recap



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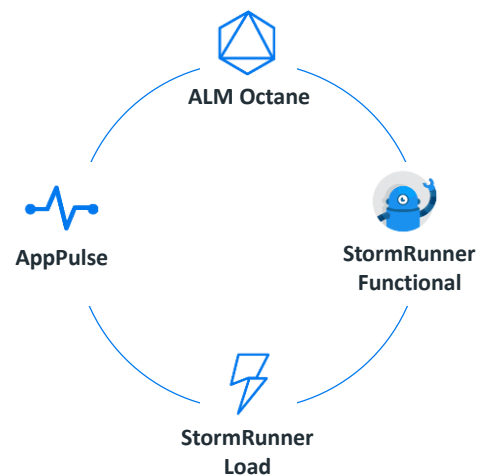
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for performance testing of web and mobile applications;

AppPulse

suite to monitor and adapt your products' user experience in production



<http://microfocus.com/devopssuite>, devops@microfocus.com

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Director of Support Services
skumar@checkpointtech.com

Thank you.