

INTRODUCING **POWERSHIP**, THE HCL DEVSECOPS FRAMEWORK

INTEGRATED DEVSECOPS PLATFORM

- Prebuilt proven assembly of toolchain serving complete software life cycle
- Automated deployment

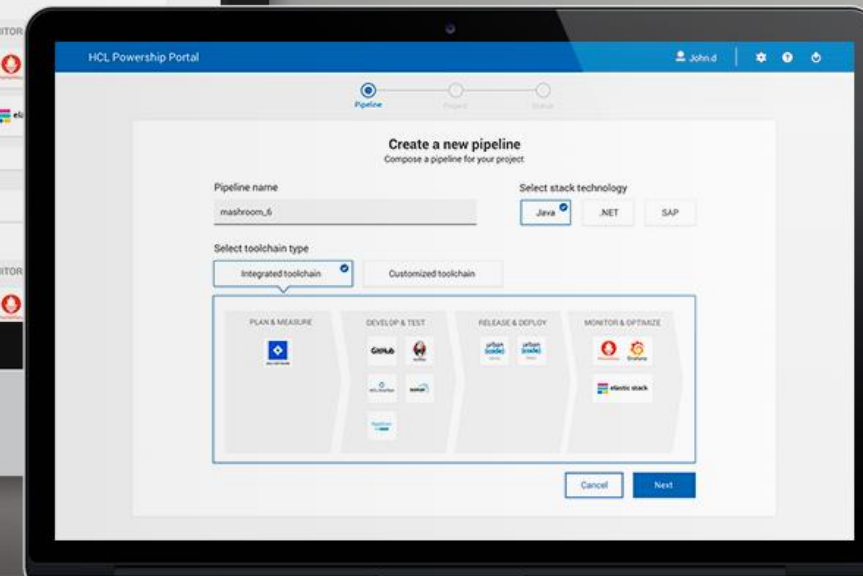
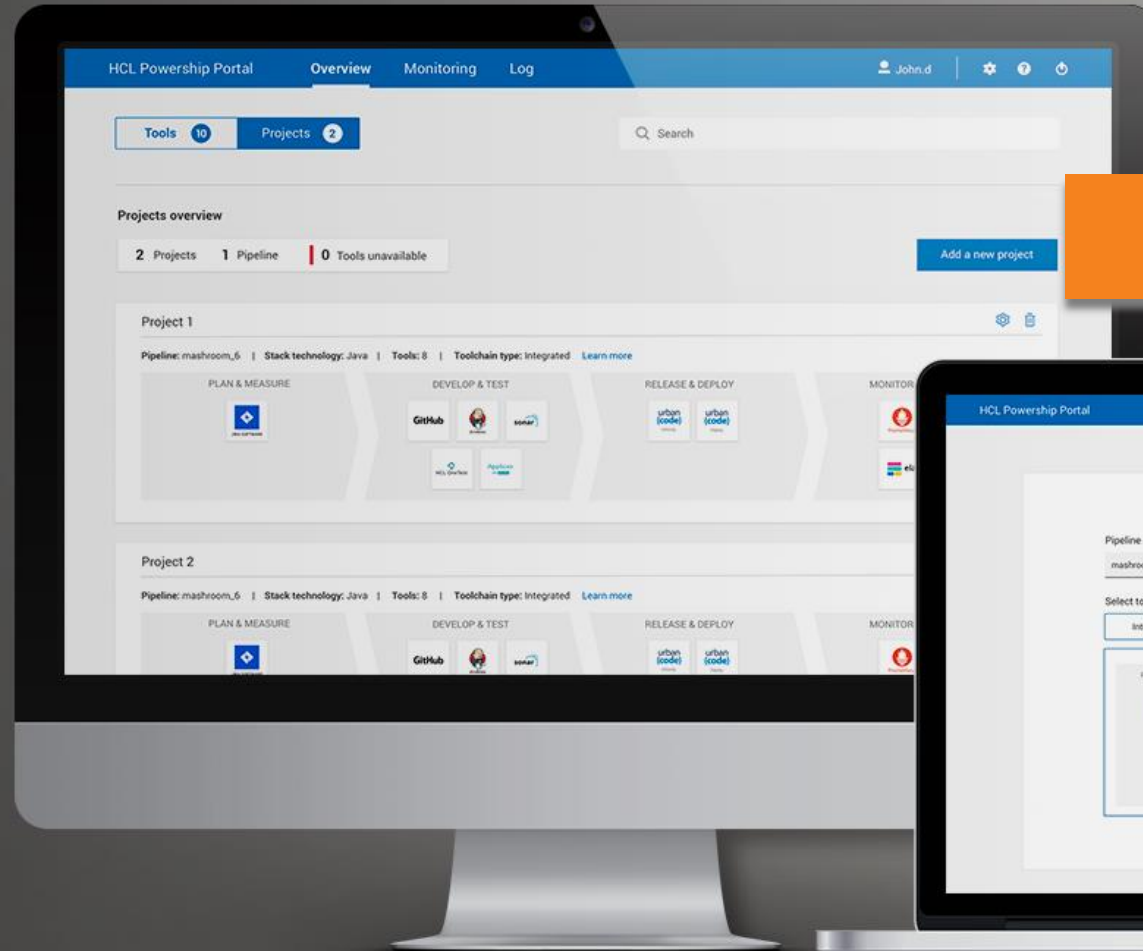
ENTERPRISE GRADE DEPLOYMENT

- Platform deployed on Kubernetes
- On-Prem or Cloud

CONSOLIDATED INTELLIGENCE

- Visualization for spectrum of audience (Executive, Scrum Master, Engineers)

IN TECH PREVIEW!



POWERSHIP INFLUENCING FACTORS: MARKET OBSERVATION

IN TECH
PREVIEW!



- Having a complete, **integrated toolchain** is becoming a **must have** to accelerate software delivery
- Ad&d professionals are looking for **integrated solutions** or saas solutions to **simplify tool chain management**
- **Devops vendors are consolidating** to provide complete toolchains out of the box
- The ability to **model, integrate, manage, and monitor devops tool chains**, end to end is a rapidly growing requirement

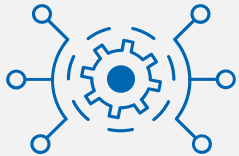
“Customers told us loud and clear that they are looking for a complete, integrated toolchain because they're tired of integrating their own toolchain. It's great to have the integrated tool chain but it comes at a cost”

Christopher Condo, Forrester, 2018



HCL POWERSHIP, THE HIGH SPEED DEVSECOPS VESSEL

What if you could deliver **top-quality software-projects faster**, with **increased reliability & maturity** ?



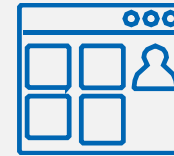
INTEGRATED TOOLCHAINS

Pipelines can be deployed automatically starting from different combination of integrated tools (toolchains) targeted towards different technology stacks (new technologies, ERP, etc..) to suit your project needs



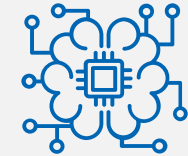
ENTERPRISE-GRADE DEPLOYMENT OF PIPELINES

Deploying HCL Powership on Kubernetes, on public or private cloud, allows you to scale up to hundreds of managed applications, while adhering to centralized governance processes



SELF-SERVICE MANAGEMENT

A self-service portal, chatbot and monitoring dashboards (powered by HCL Solution Factory services) make your pipelines easy to orchestrate and manage

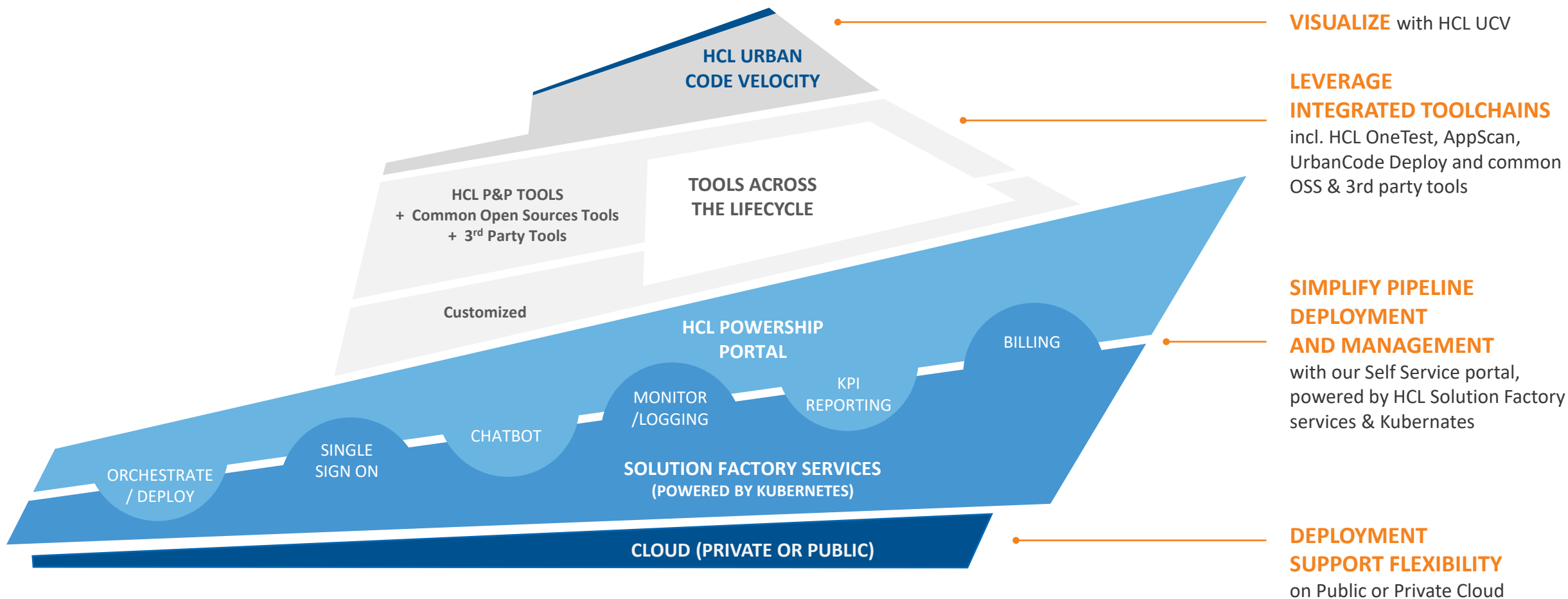


CONSOLIDATED INTELLIGENCE

HCL Powership provides reports and metrics across multiple pipelines and projects with comprehensive data visualization for Executives, Scrum Masters and DevSecOps Teams

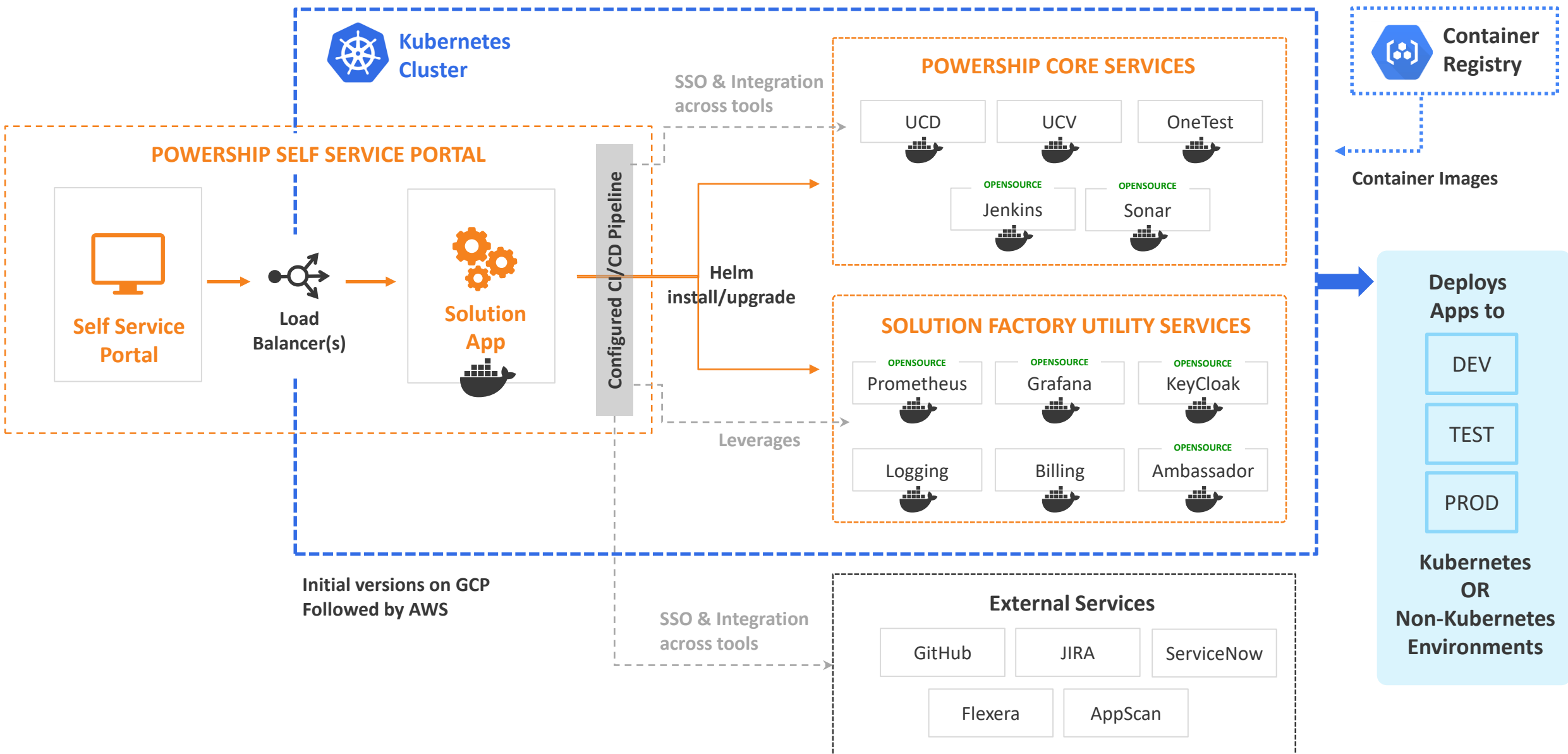
TARGET STATE FOR POWERSHIP THE HCL DEVSECOPS FRAMEWORK

IN TECH
PREVIEW!

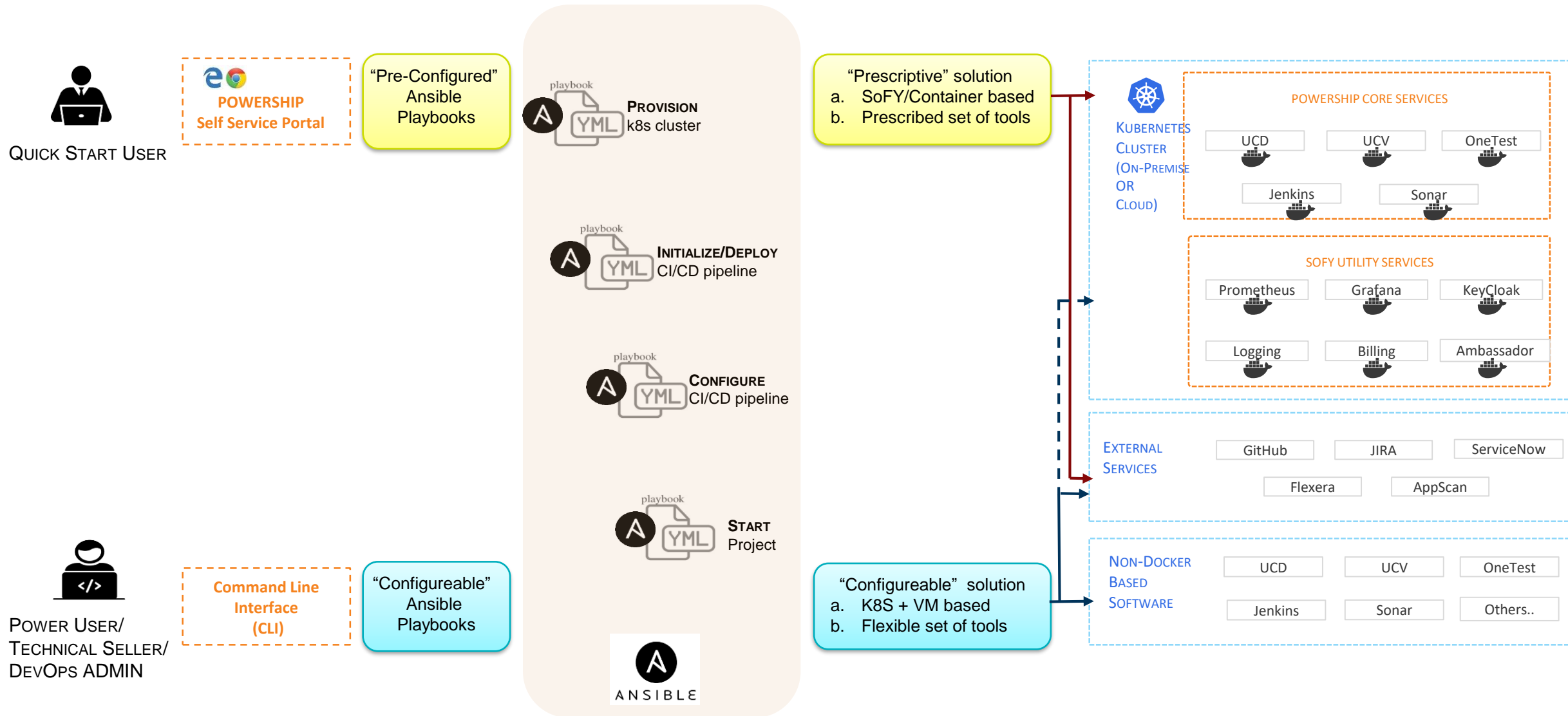


POWERSHIP SOLUTION HIGH LEVEL ARCHITECTURE

IN TECH
PREVIEW!

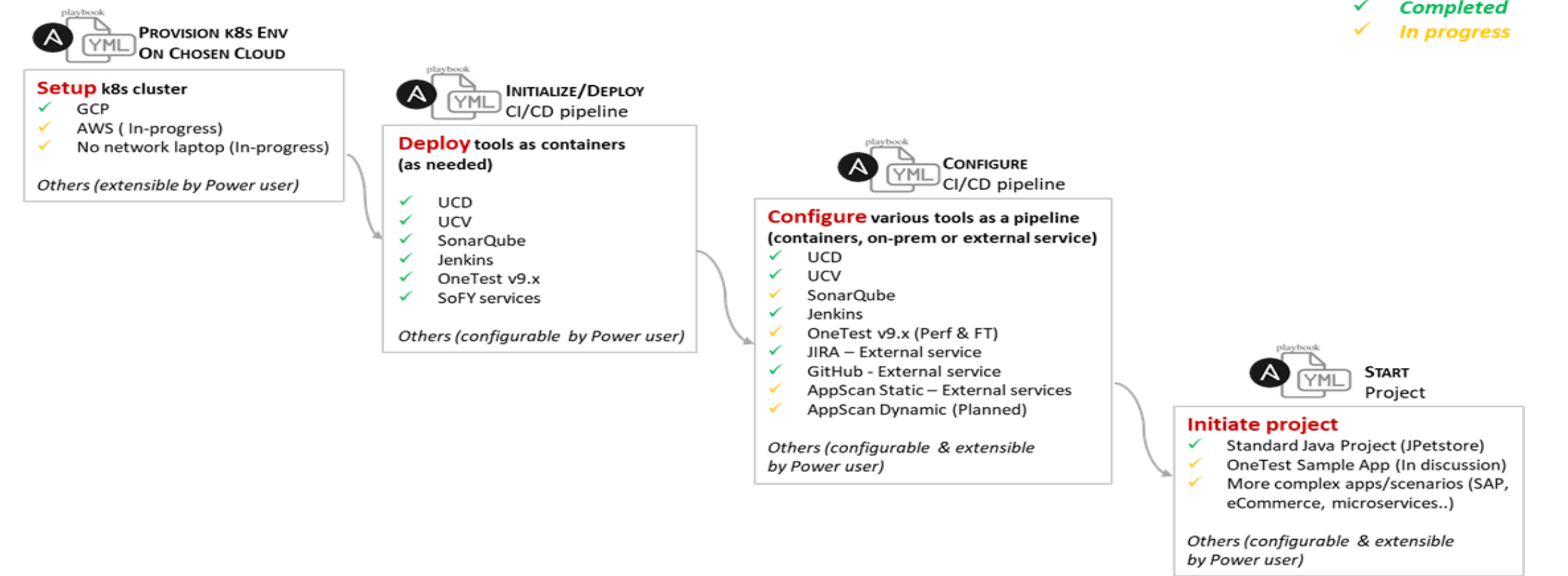


POWERSHIP SOLUTION - “Power” User & “Quick Start” User



POWERSHIP – Automated Startup

✓ Completed
✓ In progress



PLATFORM PREP.

15 mins
(one-time setup)

TOOLCHAIN PROVISIONING

30 mins
(one-time setup)

vs. 4-6 weeks to do similar
setup manually

NEW PROJECT SETUP

~5 mins
(each new project)

vs. 1 day
manually

BENEFITS

- Addresses customer requests for demo on specific cloud environments
- Quick deploy/upgrade of latest releases of HCL releases from HCL repository
- Automated integration between tools in out of the box solution
- Demonstrates start of project in minutes for out of the box solution
- Addresses Tech Sales need to show demo from laptop disconnected from network
- Automate deployment of Dockerized non-HCL software from public repositories
- Provides framework for extending automation to different combination of products
- Extensible Framework to start different types of projects



QUICK START USER

POWERSHIP – CREATE A NEW PIPELINE

IN TECH
PREVIEW!

HCL Powership Portal

username

?

Pipeline

Project

Status

Create a new pipeline

Compose a pipeline for your project

Pipeline name

mashroom_6

Select stack technology

Java

.NET

SAP

Select toolchain type

Integrated toolchain

Customized toolchain

PLAN & MEASURE

JIRA SOFTWARE

DEVELOP & PLAN

GitHub

Artifactory

HCL OneTest

sonar

AppScan

RELEASE & DEPLOY

urban (code) Velocity

urban (code) Deploy

MONITOR & OPTIMIZE

Prometheus + Grafana

elastic stack

Cancel

Next



QUICK START USER

POWERSHIP – REFINE YOUR CHOICE OF TOOLS FOR A NEW PIPELINE

IN TECH
PREVIEW!

HCL Powership Portal

username

?

Pipeline

Project

Status

Create a new pipeline

Compose a pipeline for your project

Pipeline name

mashroom_6

Select stack technology

Java

.NET

SAP

Select toolchain type

Integrated toolchain

Customized toolchain

Build your toolchain by dragging and dropping the available tools in the corresponding section (customized toolchain is not integrated)

[Learn more about Powership Integrated toolchain](#)

AppScan

sonar

urban code

urban code

IBM Rational

IBM Rational

JACOCO

PLAN & MEASURE

DEVELOP & PLAN

RELEASE & DEPLOY

MONITOR & OPTIMIZE

Cancel

Next



QUICK START USER

POWERSHIP – MANAGE YOUR PIPELINES AND PROJECTS

IN TECH
PREVIEW!

HCL Powership Portal

OverviewMonitoringLog

username

⚙️❓🔄

Tools7

Projects1

Search

Projects overview

2 Projects1 Pipeline3 Tools unavailable

Add a new project

JEPETSTORE

Pipeline: My Pipeline | Stack technology: Java | Tools: 8 | Toolchain type: Integrated [Learn more](#)

PLAN & MEASURE

DEVELOP & PLAN

RELEASE & DEPLOY

MONITOR & OPTIMIZE

HERO

Pipeline: My Pipeline | Stack technology: Java | Tools: 8 | Toolchain type: Integrated [Learn more](#)

PLAN & MEASURE

DEVELOP & PLAN

RELEASE & DEPLOY

MONITOR & OPTIMIZE

POWERSHIP – MANAGE YOUR TESTS

IN TECH
PREVIEW!



HCL Powership Portal

Overview

Monitoring

Log

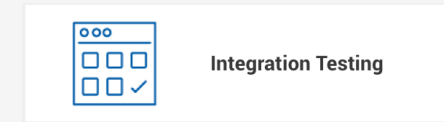
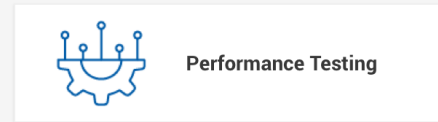
John.d



[Overview](#) / [Jepetstore](#)

One Test Suite

Select the One Test Component you want to use to access its features



Testing of applications through desktops UIs terminals, browsers and mobile interfaces.

Download, install and Author Functional Testing component

Download and Install

Upload Functional Testing Scripts archives to GitHub

Add files

No file selected yet.

Upload

Manually trigger the Functional Testing Scripts execution

1- Select Functional script to execute

Select Functional script

2- Select environment



Dev



QA



PROD

Execute

Access Functional Test Results (Unified Reporting)

Test Results page