



Avoid DevOps, Agile & Lean Transformation Failures Using Lifecycle Integration

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Brought to you by: Software Lifecycle Integration SIG



Jeff Downs
Solutions Architect
TaskTop
Software Lifecycle Integration SIG Leader



Today's Speaker



Betty Zakheim
VP of Industry Strategy
TaskTop



Housekeeping

- This “LIVE” session is being recorded
- The recording will be available on BrightTALK immediately after this session
- Q&A: Please type questions in the Questions Box below the presentation screen
- Additional information available for you behind the “Attachment” button and later on the Vivit website





TASKTOP

CONNECTING THE WORLD
OF SOFTWARE DELIVERY

Avoid DevOps, Agile and Lean Transformation Failures
Using Lifecycle Integration

Betty Zakheim, VP Industry Strategy



Betty Zakheim

- VP Industry Strategy Tasktop
- 30 Years in Software Development and Delivery
- Professional Scrum Master



- Integrates software development and delivery tools into one cohesive value stream
- HPE OEMs Tasktop (HP ALI Dev)
- HP AllianceOne Partner of the Year for two years



Elements of Transformation



Delivery of value to customer
Continuous integration
Plan-do-check-act
Reduce waste
Continual tuning and adjusting
Culture change
Highly motivated people
Embrace change
Empowered individuals
Agile
Continuous learning
Reduce WIP
DevOps
Visual management
Inspection and adaption
Metrics
Automation
Kanban
Value stream mapping
Lean
Self-organizing teams
Remove bottlenecks
Collaboration
Remove impediments
Continuous improvement
Continuous delivery
Examine the value stream

Continuous delivery to customer
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Common Pitfalls

Agile

- Bring in an Agile planning tool without considering the connection to the rest of the lifecycle



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DevOps

- Optimize and automate delivery, creating a bottleneck in development



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Lean

- Attempt to identify waste without being able to measure the handoffs



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Lean

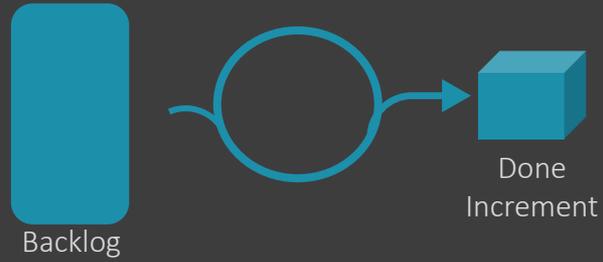
- Attempt to identify waste without being able to measure the handoffs



Plus...

- Inability to prove value (ROI) of initiative
- Inability to incorporate partners and vendors
- Support of the organization's need for visibility, governance & traceability

Development And Delivery



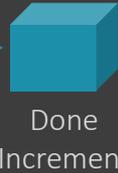
PRACTICES

Planning

- Business Epics
- Requirements
- Enhancements
- User Stories
- Defects



Development And Delivery



Production And Operations

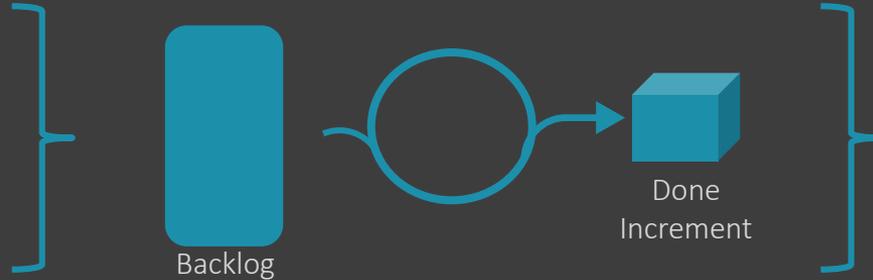
- Performance Monitoring
- Security Monitoring
- Application Support

PRACTICES

Planning

Business Epics
Requirements
Enhancements
User Stories
Defects

Development And Delivery



Production And Operations

Performance Monitoring
Security Monitoring
Application Support

TOOLS

- PPM
- Requirements Management

- Agile Planning
- SCM & Version control
- Test & Test Management
- UX Design
- Modeling
- Code Analysis

- Build Management
- Deployment Management

- APM
- Help Desk



PROJECT MANAGERS

- Project Management
- PPM



BUSINESS ANALYSTS

- Requirements Management
- Modeling
- Story boarding



DEVELOPERS

- Agile Planning
- IDE
- Version Control



TESTERS

- Testing
- Defect Tracking



SERVICE DESK

- Help Desk Software
- ITSM



Breakdown in collaboration
Breakdown in visibility



PROJECT MANAGERS

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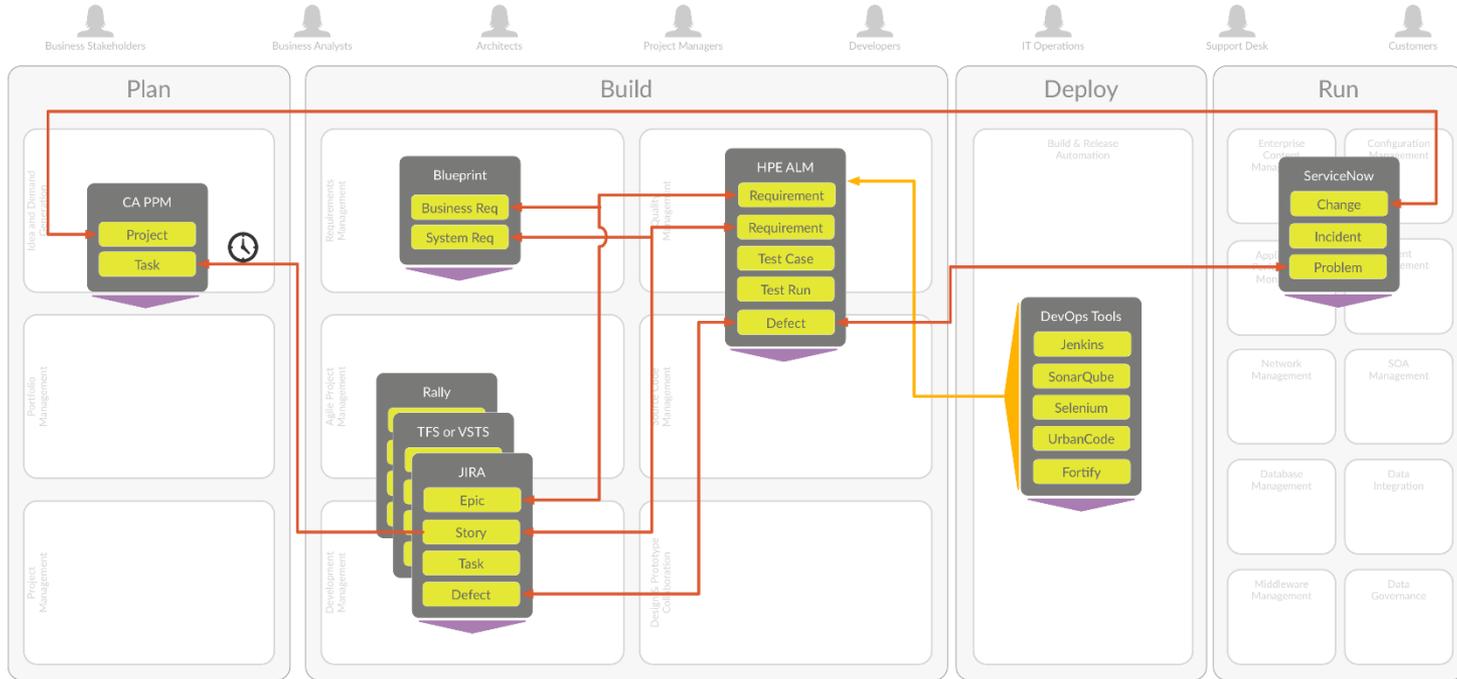
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- Testing
- Defect Tracking



SERVICE DESK

- Help Desk Software
- ITSM



Reporting & Analytics

Governance

Dashboards/Portals

Project Reporting

Financial Analysis

Portfolio Analytics

Continuous Improvement

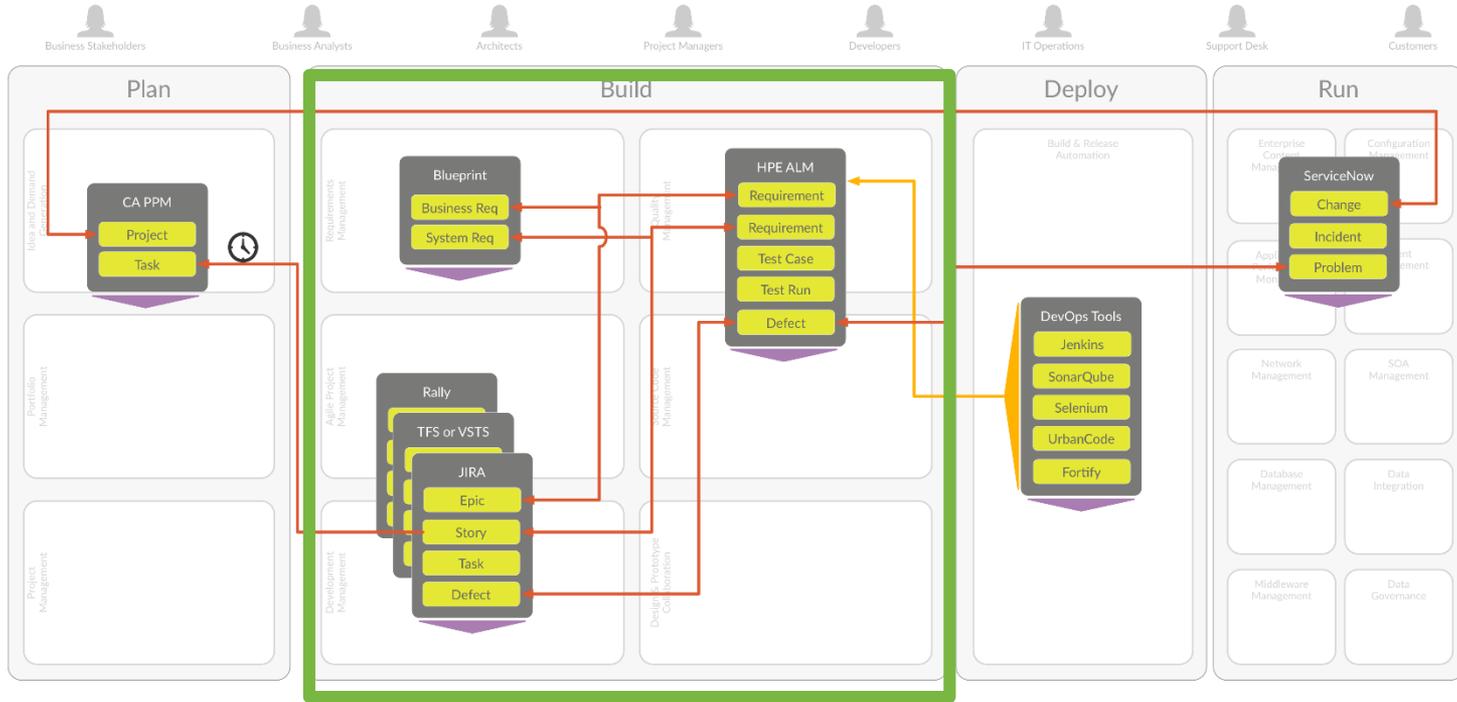
Legend:

Vendor Solution

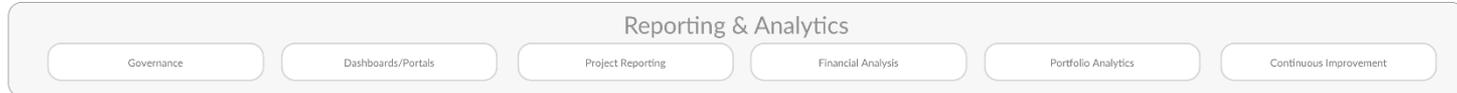
Internal Solution

Artifact





Reporting & Analytics





BUSINESS ANALYSTS

Blueprint



DEVELOPERS

JIRA



TESTERS

HPE ALM



BUSINESS ANALYSTS



DEVELOPERS



TESTERS

Blueprint

Requirement

Requirement

Requirement

JIRA

HPE ALM



BUSINESS ANALYSTS



DEVELOPERS



TESTERS

Blueprint

Requirement

Requirement

Requirement

JIRA

Epic

HPE ALM





BUSINESS ANALYSTS



DEVELOPERS



TESTERS

Blueprint

Requirement

Requirement

Requirement

JIRA

Epic

Story

HPE ALM





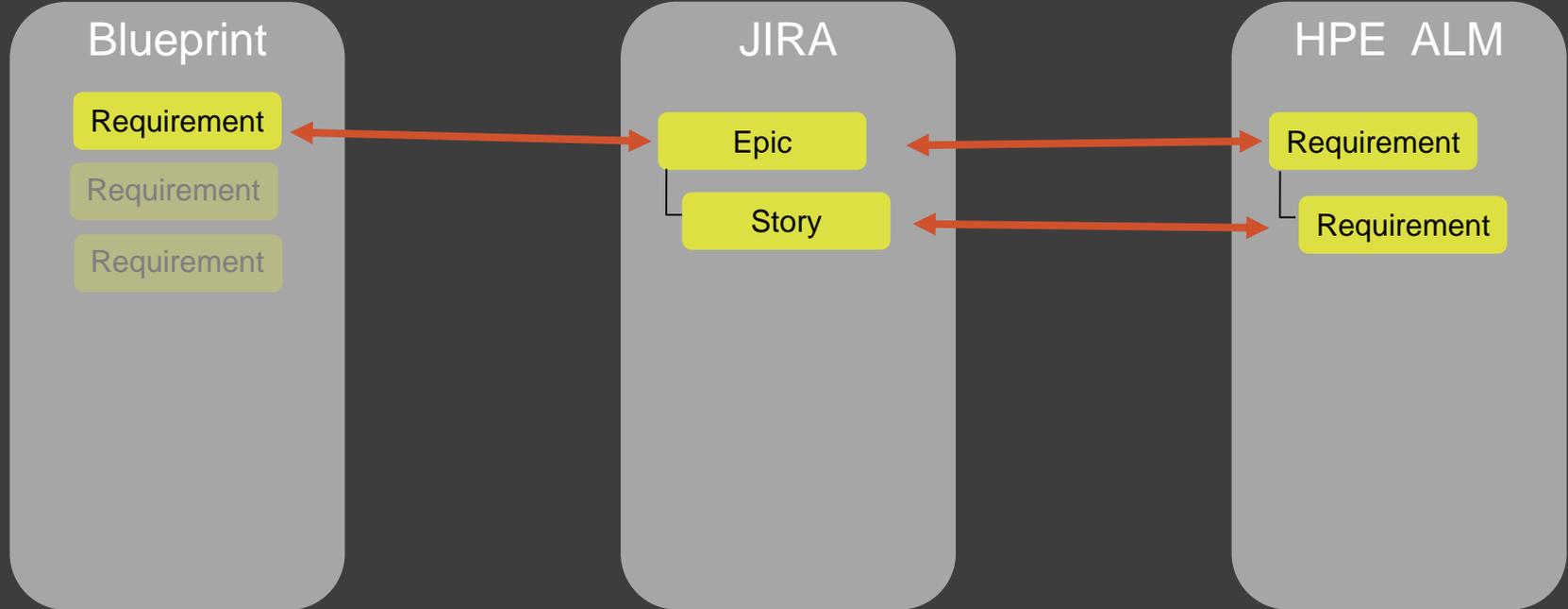
BUSINESS ANALYSTS



DEVELOPERS



TESTERS





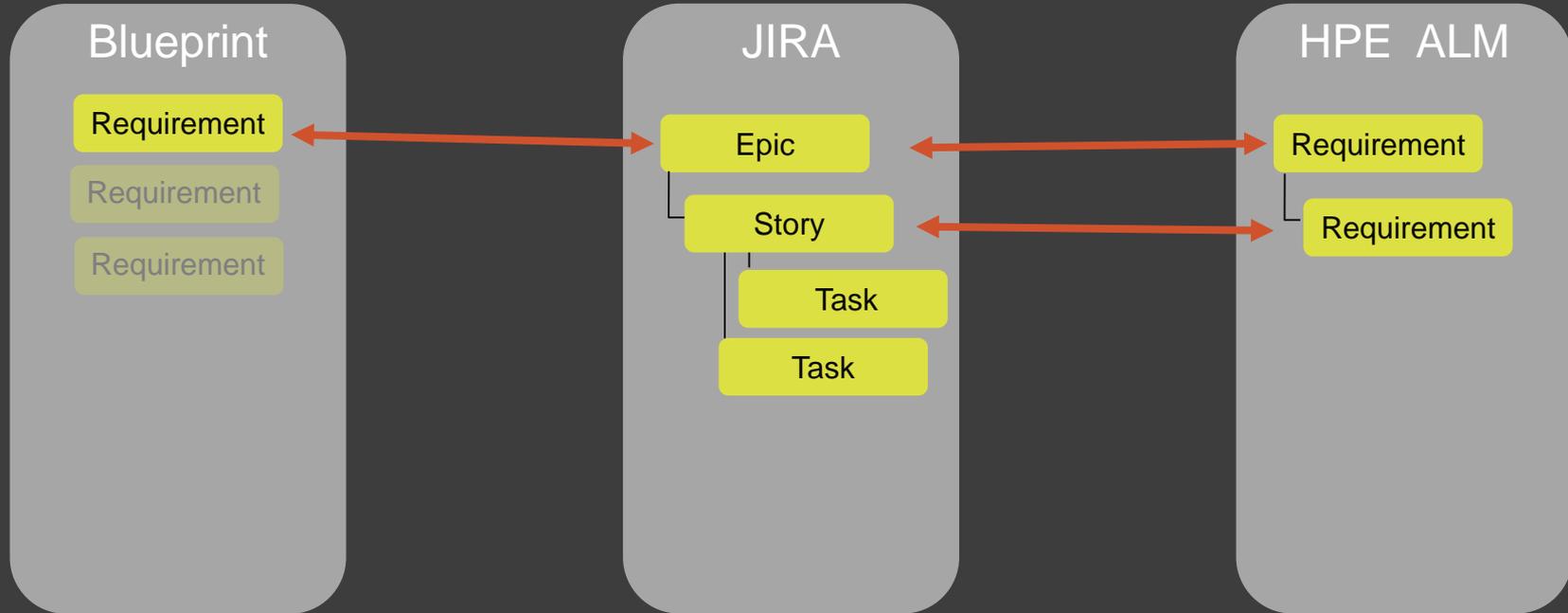
BUSINESS ANALYSTS



DEVELOPERS



TESTERS





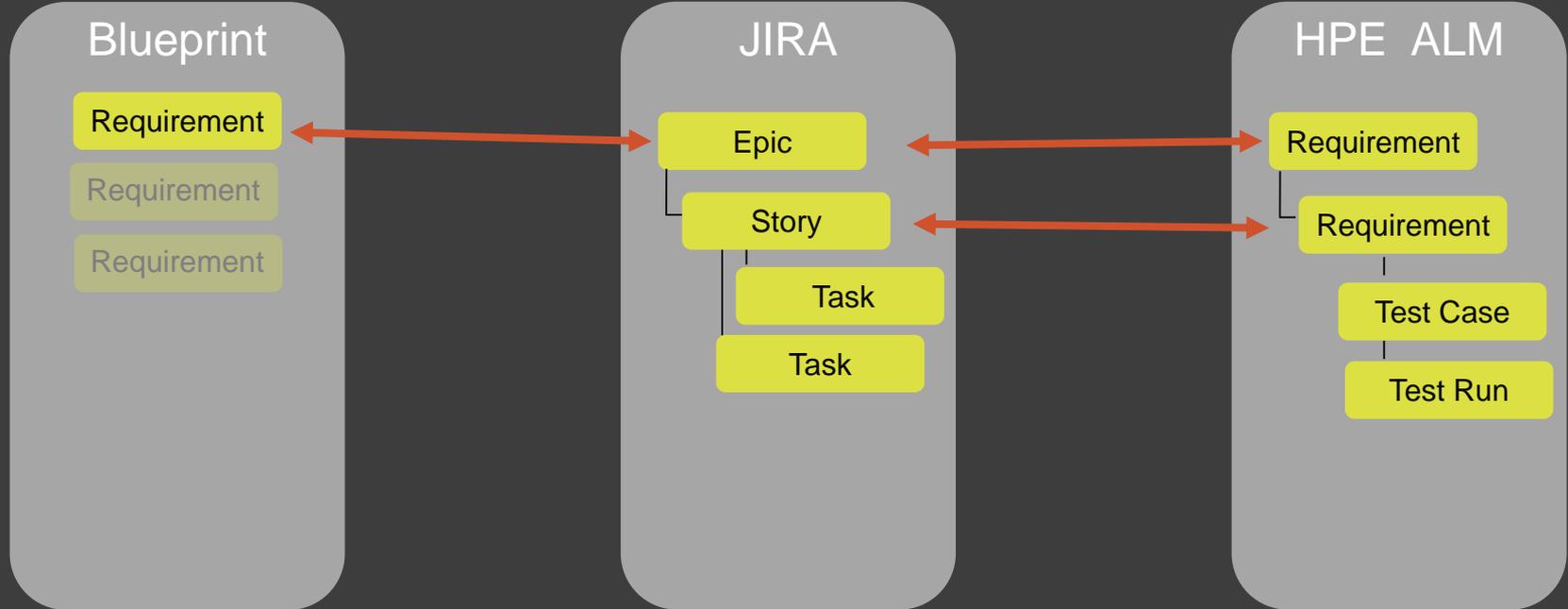
BUSINESS ANALYSTS



DEVELOPERS



TESTERS





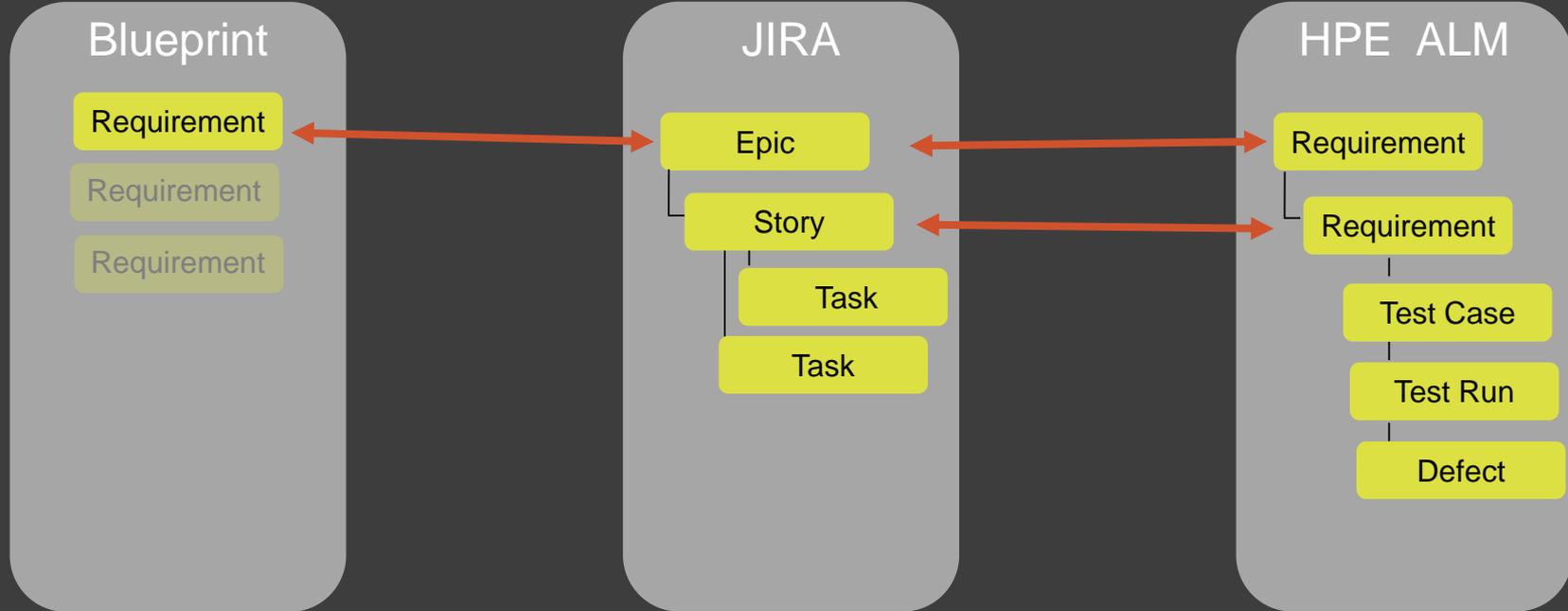
BUSINESS ANALYSTS



DEVELOPERS



TESTERS





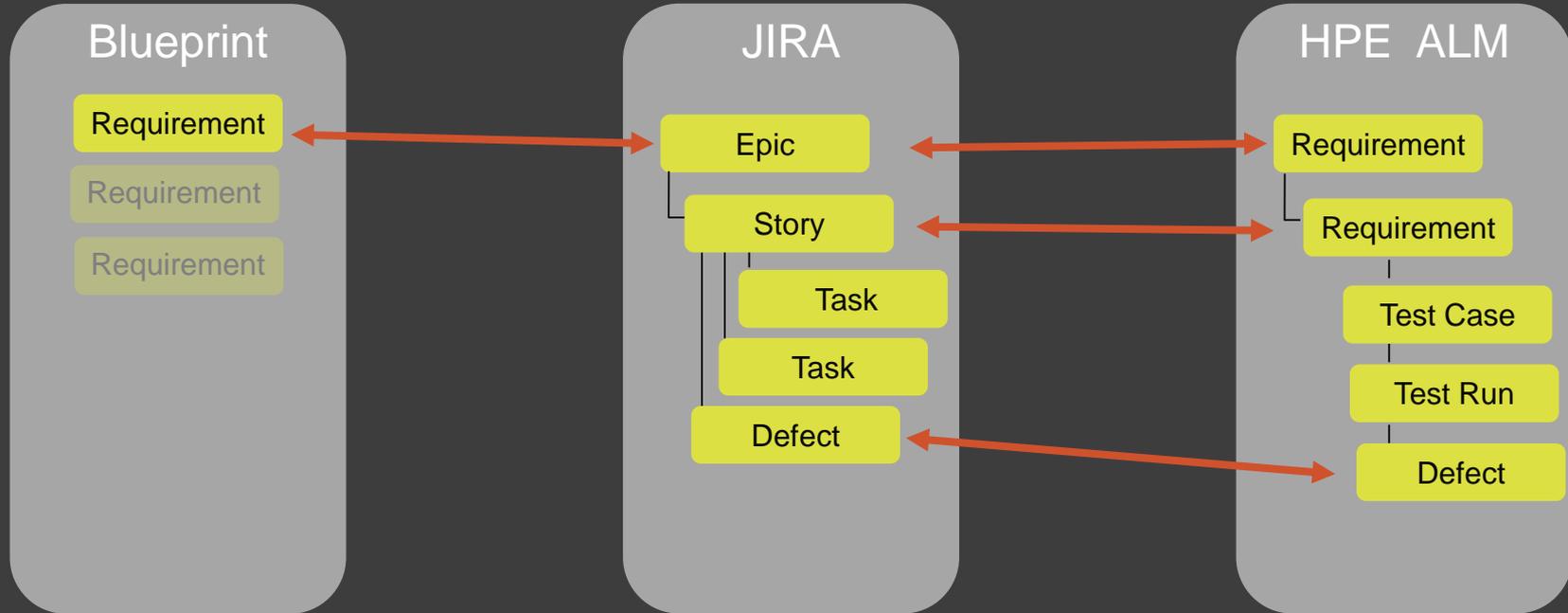
BUSINESS ANALYSTS

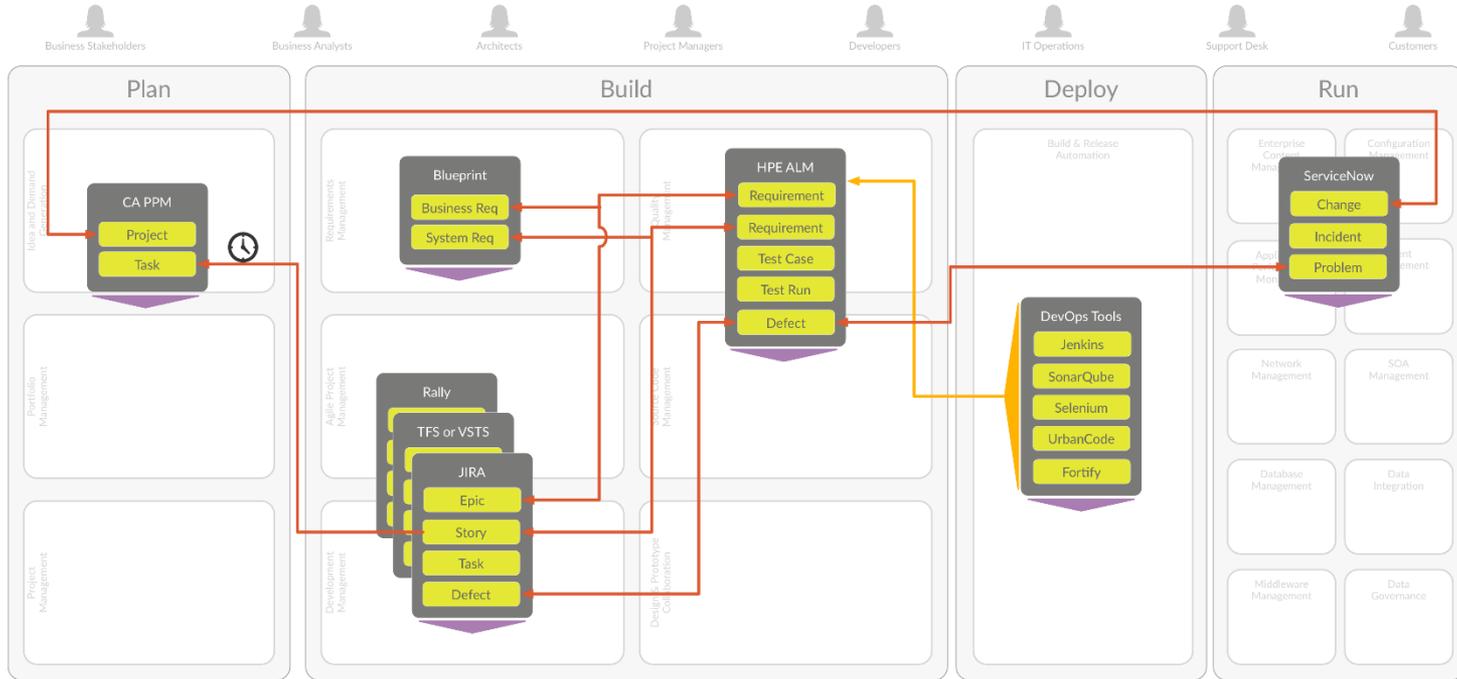


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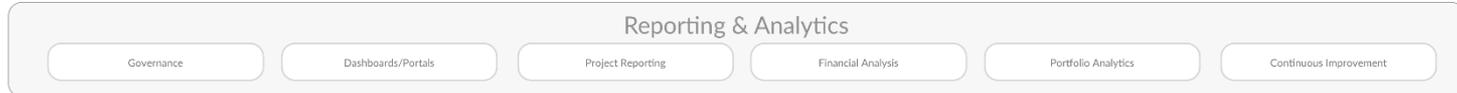


TESTERS





Reporting & Analytics



Common Integration Patterns

Requirements Management

- Requirement traceability

Enterprise Agile

- Backlog unification
- Build traceability

Development

- Build automation
- Change set traceability
- Code review traceability

Quality Management

- Defect unification
- Test traceability

Project Portfolio Management

- Time tracking propagation
- Agile plan orchestration

Service Management

- Incident escalation
- Known issue propagation
- Feature request traceability

Security

- Vulnerability escalation

Operations

- Deployment automation
- Alert escalation

Disparate Value Streams

Planning

Development

Operations



Project Requirement User Story Defect Ticket

Change Set Build Failure Release Alert Vulnerability



DevOps



Tasktop: DevOps Integration Hub

PPM

Reqmts

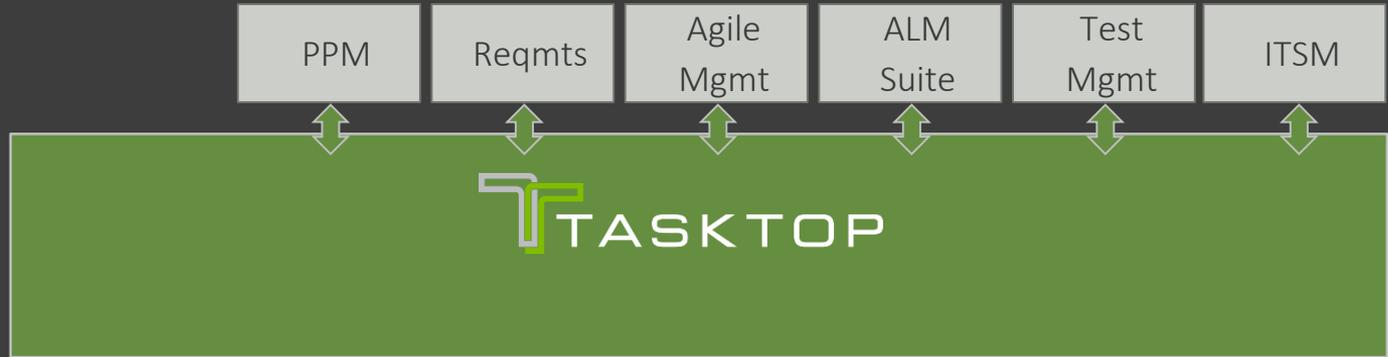
Agile
Mgmt

ALM
Suite

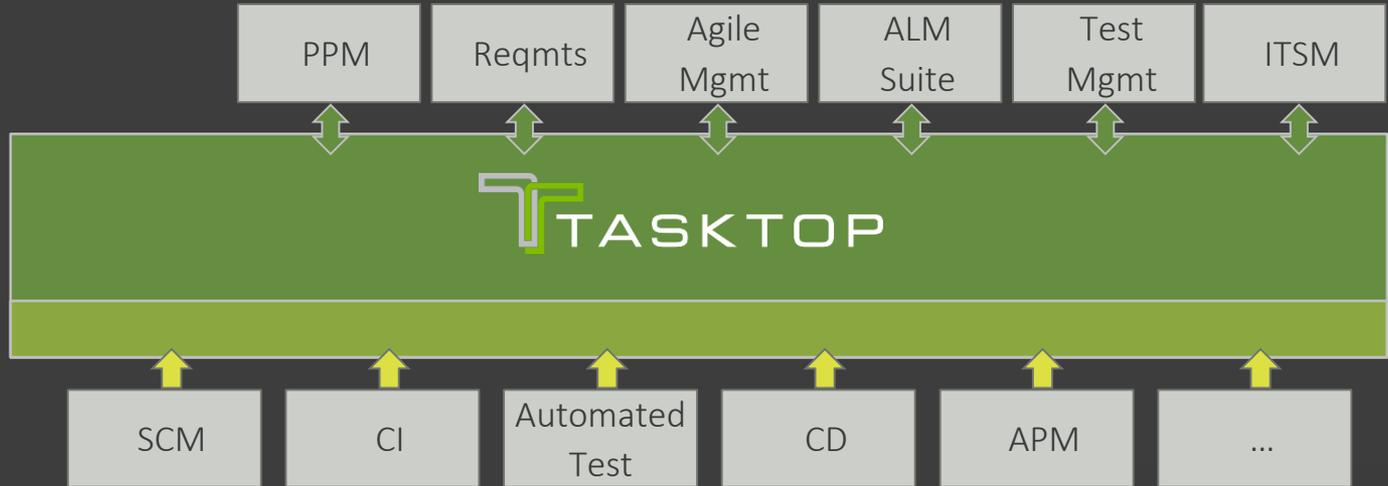
Test
Mgmt

ITSM

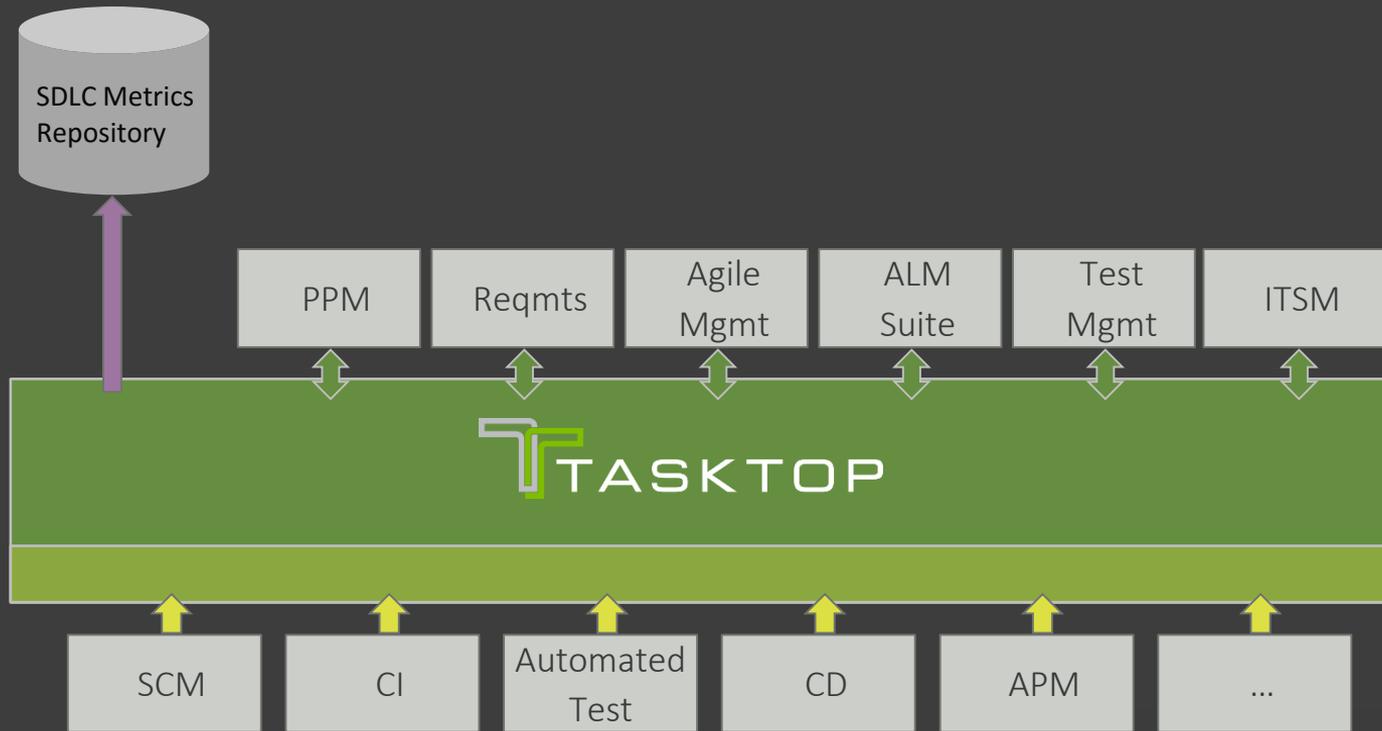
Tasktop: DevOps Integration Hub



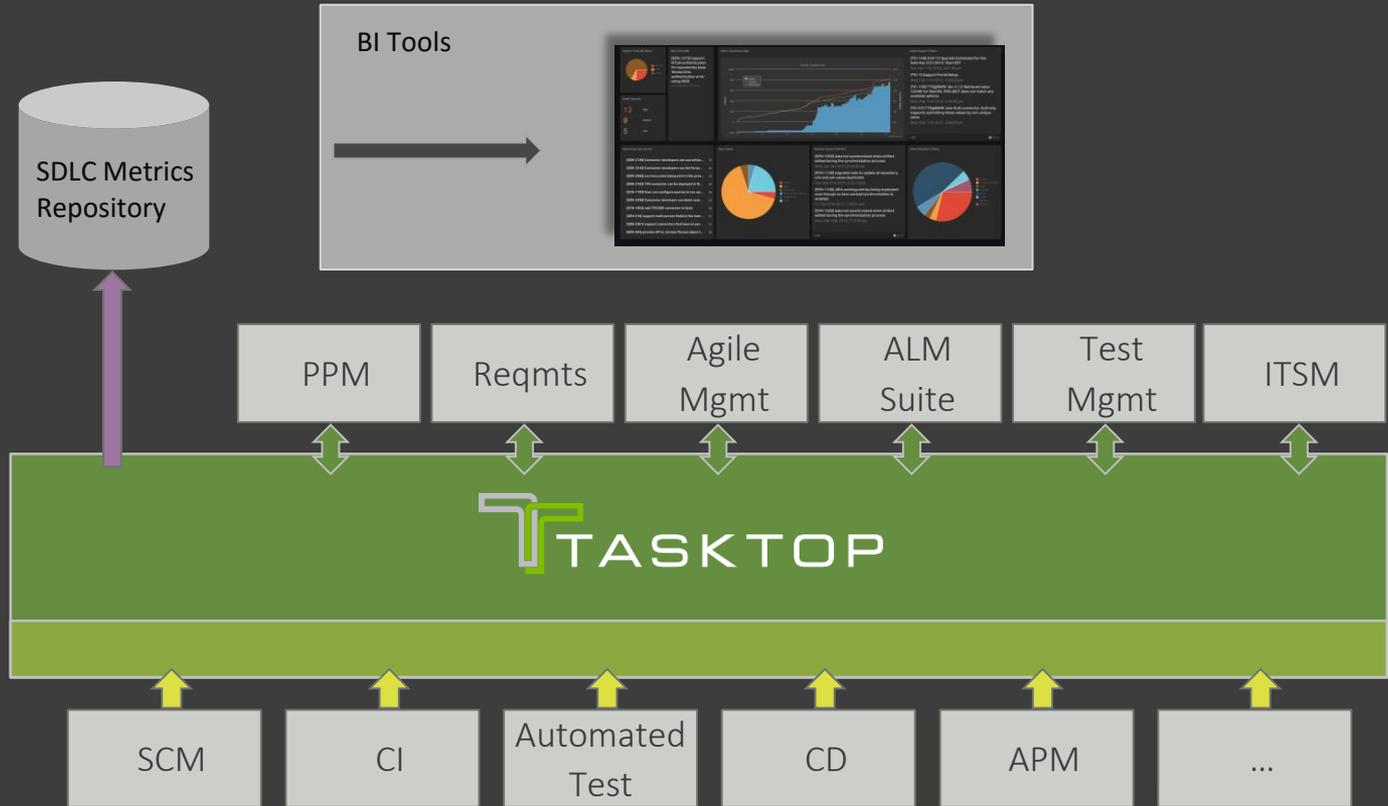
Tasktop: DevOps Integration Hub



Tasktop: DevOps Integration Hub



Tasktop: DevOps Integration Hub



Software Lifecycle Integration

AUTOMATED FLOW ACROSS THE VALUE STREAM

- Agility beyond the scrum team
- Eliminate manual work, information scavenger hunt
- Decreased cycle time, increased capacity

INCREASED VISIBILITY

- Lifecycle analytics for continual improvement
- Automated traceability, reporting, governance



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Products



- Integrates entire lifecycle: PPM, Agile planning, requirements management, test management, CI/CD, DevOps, service desk, etc.
- Synchronizes artifacts across the lifecycle
- Easy to deploy and configure



- Collects lifecycle data in a normal and consistent way
- Gather metrics and uncover trends across entire organization
- Supports standard analytics and reporting tools

34

of the
Fortune
100



Over
200,000
Sync Seats



Over **2,000,000**
Mylyn/Dev Users



7 of the top
25 world
banks



5 of the top
10 US
insurers



3 of the top
6 health
plans



29 Strategic
Partners

339 Tool Versions
Supported

45 Tools
Supported

500K API Tests
Run per Day



Vancouver HQ
Offices in Austin,
Boston, UK.
Founded 2007

#1

Software
Lifecycle
Integration

Next steps

See Tasktop in Action: tasktop.com/demos

Contact us: tasktop.com/contact-us

Email us: info@tasktop.com

Check out our HPE ALM Octane promotion:
go.tasktop.com/HPE-Octane-Integration.html

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Thank you

www.vivit-worldwide.org
www.tasktop.com



Succeed in your transformation

Flow

- End integration failures
- De-risk changes & upgrades
- Reduce lifecycle tools TCO

Velocity

- Achieve Agile/DevOps ROI
- Shorten cycle & resolution times
- Gain 10% capacity/person/day

Visibility

- End-to-end reporting & analytics
- Automated compliance & traceability
- Integrate & warehouse all data with 1 tool

Tasktop Sync 4.7 Integrations

	Atlassian JIRA	5, 5.1, 5.2, 6.0, 6.1, 6.2, 6.3, 6.4, 7.0, 7.1; Current On Demand Version
	Atlassian JIRA Service Desk	6.1, 6.2, 6.3, 6.4, 7.0, 7.1; Current On Demand Version
	Blueprint	6.1, 6.2, 6.3, 6.4; Current On Demand Version
	BMC Remedy	8.1, 9.0, 9.1.00
	Borland StarTeam	11, 12, 13
	Bugzilla	5.0, 5.0.2, 5.0.3
	CA Agile Central	2014.1, 2014.2, 2014.3, 2015.1, 2015.2; On Demand Enterprise Version
	CA Agile Planning	Current On Demand Version
	CA Harvest	12.5
	CA PPM	13.2, 13.3, 14.1, 14.2, 14.3; Current On Demand Version
	GitHub Issues	Enterprise 11.10.343, 2.x and higher; and Current On Demand
	HPE ALM	10, 11, 11.52, 12.01, 12.2, 12.5, 12.53
	HPE Quality Center	9.2, 10, 11, 11.52, 12.01, 12.2, 12.5, 12.53
	HPE PPM	9.3, 9.31, 9.32
	IBM Bluemix	Current On Demand
	IBM Rational Team Concert (RTC)	4.0, 4.0.1, 4.0.2, 4.0.3, 4.0.4, 4.0.5, 4.0.6, 4.0.7, 5.0, 5.0.1, 5.0.2, 6.0, 6.0.1, 6.0.2
	IBM Rational DOORS NG (RRC)	4.0.1, 4.0.2, 4.0.3, 4.0.4, 4.0.5, 4.0.6, 4.0.7, 5.0, 5.0.1, 5.0.2, 6.0, 6.0.1, 6.0.2 (opt-out mode only)
	IBM Rational DOORS	9.1, 9.2, 9.3, 9.4, 9.5.2, 9.6, 9.6.1
	IBM Requisite Pro	7.1, 7.1.2, 7.1.3, 7.1.4
	IBM Rational Quality Manager	4.0, 4.0.1, 4.0.2, 4.0.3, 4.0.4, 4.0.5, 4.0.6, 4.0.7, 5.0, 5.0.1, 5.0.2, 6.0, 6.0.1, 6.0.2
	IBM Rational ClearQuest	7.1.2, 8.0.0, 8.0.1
		iRise

Tasktop Sync Integrations – continued

	Jama	2014.2, 2015.1, 2015.2, 2015.3, 2015.4, 2015.5; Current On Demand Version
	LeanKit	Current On Demand Version
	Microsoft Project Server	2013 SP1
	Microsoft TFS	2012, 2013, 2015, 2015 SR 1, 2015 SR 2, 2015 SR3
	Visual Studio Team Services (VSO)	Current On Demand Version
	Microsoft Test Manager	2012, 2013, 2015, 2015 SR 1, 2015 SR 2, 2015 SR3
	Planview Enterprise	11.3
	Polarion ALM	2014, 2015, 2015 SR1, 2015 SR2, 2015 SR3, 2016; Current On Demand Version
	Rally	See CA Agile Central
	SD Elements	Supplied by Security Compass
	Serena Business Manager	10.1.2, 10.1.3, 10.1.4, 10.1.5, 11.0, 11.0.1.1
	Serena Dimensions RM	11.2, 12.1, 12.2, 12.3, 12.4
	ServiceNow: ServiceDesk PPM, SDLC	Eureka, Fuji, Geneva, Helsinki
	Spax EA	12.0, 12.1
	Targetprocess	Current On Demand Version
	ThoughtWorks Mingle	13.1, 13.2, 13.3, 13.4, 14.1, 14.2, 15.1, 15.2, 16.1; Current On Demand
	Tricentis Tosca	8.3.0, 8.3 SP 1, 8.4, 9.0, 9.1, 9.2
	VersionOne	Enterprise and Ultimate 13.2, 13.3, 14.0, 14.1, 14.2, 14.3, 15.0, 15.1, 15.2, 15.3, 2016, 2016.1; On Demand
	WhiteHat	WhiteHat Integration Server - provided by WhiteHat
	Zendesk	Current On Demand Version
	Zephyr for JIRA	Supported on JIRA 7 and On Demand

Integration for the Enterprise

Manage Complexity

- Tool landscape
- Work processes
- Relationships among artifacts

Designed for Scale

- Configure, don't code
- High integrity and reliability
- Simple tool upgrades

