



How to Modernize Your SAP Change Management Approach

Increase competitive agility by creating an on-demand SAP delivery pipeline

Today's Presenters



Tom Todd

Vice President Sales
Americas



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Solution Specialist

Agenda

- Business Challenges for SAP operations
- What is "DevOps for SAP"?
 - Why does it matter?
- Customer Examples
 - P&G
 - John Deere
 - McCormick

WHO WE ARE

About Basis Technologies

SAP® Certified
Integration with SAP S/4HANA®

- Change Automation Platform & Regression Testing for SAP
- Founded in 1997; SAP Experts
- Global presence: London, Dallas, Sydney, Berlin, Budapest
- Over 200 Customers across 25 industries
- Over £25m spent on R&D in last 15 years

SAP® Certified
Powered by SAP NetWeaver®

Booking.com



BAT

NBCUniversal



vistaprint®



ERICSSON

3M

IPG



pepsi

RALPH LAUREN

T Mobile

HONDA
The Power of Dreams

Electrolux



SONY MUSIC

Columbia

H&M



INNOVATE

IMPROVE

EVOLVE

CHANGE

Change is inevitable...

**Even Required to Stay
Competitive**



“Over the next five years we have to digest **10%** productivity a year ... in an industry which is used to delivering 2 to 3% productivity improvements”

– Carlos Tavares CEO Stellantis



How will Stellantis find 10% productivity gains in SAP updates each year?

**But traditional monolithic
SAP development can't
deliver safely and cost-
effectively at the speed the
business needs**

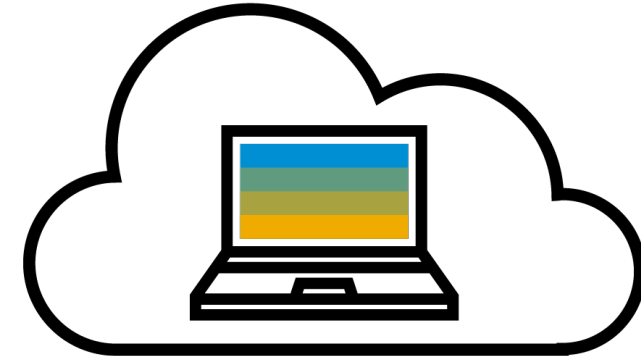
... and it's getting worse!



Change Landscape Reality



ChaRM



Business Technology Platform



gCTS



abapGit



Waterfall

Agile

DevOps

SAP and The Delivery Divide



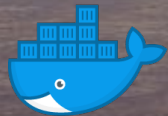
CHEF



puppet



ANSIBLE



docker



Jenkins



git



GitLab





ActiveControl



Fast, flexible, safe
change and release
automation



Adopt DevOps for
on-demand SAP
delivery. Integrate into
wider tool chain.

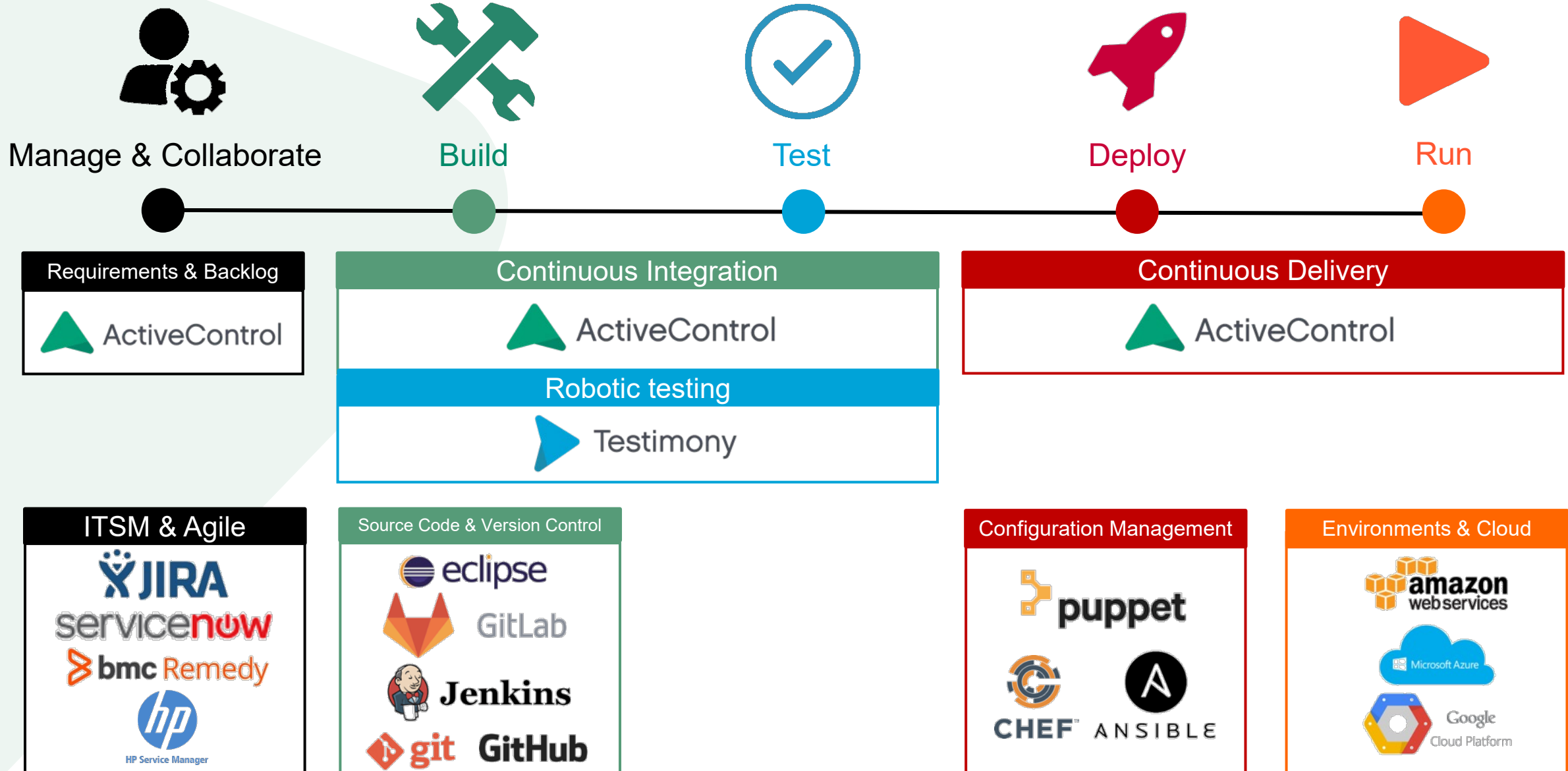


S/4HANA
transition support
& synchronization

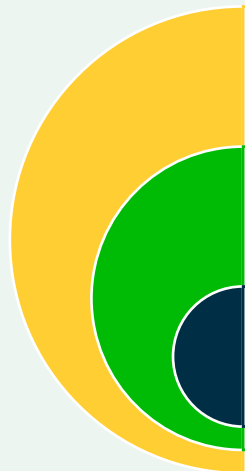


Fast
implementation;
rapid ROI

SAP DevOps Ecosystem



Major Consumer Goods Vendor: Business Suite Upgrades



| | |
|----------------|------------------|
| Group 'core' | • 95 SAP Systems |
| Production | • 21 SAP Systems |
| Non Production | • 74 SAP Systems |

- **N+1 for annual SAP upgrades**
- **Complex BAU development and ongoing project work**
- **Benefits of automation**
 - Faster
 - Less manual effort
 - Fewer errors
 - $\geq 90\%$ of changes automatically merged/maintained between tracks

Customer Success – Benefits of ActiveControl



Issues with Charm

- UMG were unsatisfied with the lack of transparency in ChaRM while undergoing SAP development projects
- High number of deployment errors
- Lacked visibility into the cost and resources used in critical development initiatives

ActiveControl Business Benefits

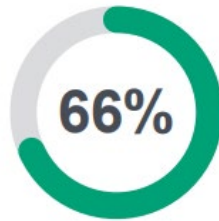
- A move to weekly releases and **60%** reduction in system downtime
- Automated checks and deployments delivered a **95%** reduction in manual effort and **60-80%** reduction in Basis time

John Deere Case Study

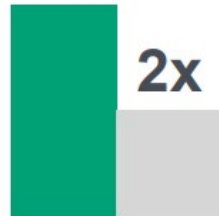


JOHN DEERE

Outcomes of Agile

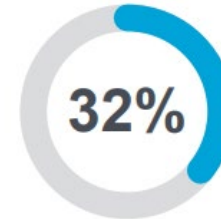


66% faster time to market following adoption of agile

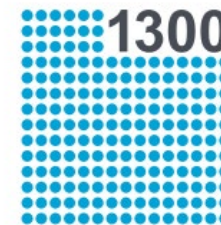


2x more output produced by agile teams

Benefits of Integrated, Event-Driven Change Process



32% decrease in SAP developer cycle time after adoption



1300 hours saved by SAP developers in under 1 year

“For us, ActiveControl is to SAP as GitHub webhooks are to web development.”



ActiveControl

**\$162b health services company
and their DevOps Journey**

“ActiveControl is foundational in our DevOps strategy. If you cannot automate SAP release, then all the other automation outside of SAP will not matter”

– Director of Software Engineering



Summary

When will the new technology be ready for real world use?

Will it support your existing SAP investments and set you up for success tomorrow?

Increased business agility is attainable today with ActiveControl

Analysis Runs / **FRDY 2**

Remove from Favorites More Default View

System Landscape: XBD Landscape
 Created: Jan 20, 2023 10:25:41
 User: PX_SUPERUSER
 Usage Data Period: Jan 1, 2023 - Jan 19, 2023

Usage Data Analysis
 Failure Prediction
 Analysis Source: SE24 S_ABAP_GEN_SE24

Summary of Impacted Top Level Objects

269 Transactions 1304 Programs 1668 Remote Functions 0 Other Types



Medium Risk

- Low Impact on Active Users**
The change could potentially impact 20% of active users, based on the number of dialog users in the selected usage period.
- Low Impact on Active Users**
The average usage volume of the identified impacted objects is Very Low based on the selected usage period.
- Low Impact on Active Users**
The change could potentially impact 25% of external systems that are calling remote functions in the SAP system.


Impacted Objects
Top level or custom objects impacted by the change

[View Details](#)

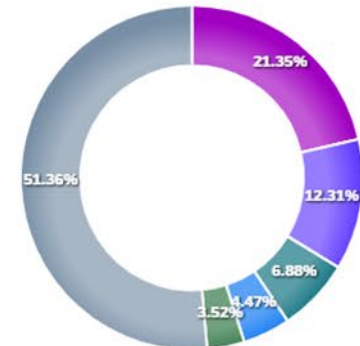
5 of 3,241 objects shown.

| Name | Risk |
|--------------------------------|----------|
| SE24 | Medium |
| SUSR RFC_USER_INT ERFACE | Low |
| SUSR RFC_USER_INT ERFACE_40 | Low |
| RH_GET_TASK_TEXT_ BINDING | Very Low |
| RH_TASK_CREATE | Very Low |

Predicted Failures
Failure prediction for top level objects



Application Areas
Application areas impacted



| Name | Percentage |
|-------------------------------------|------------|
| SAP Business Workflow | 21.35 % |
| End User Technology | 12.31 % |
| BRFplus - ABAP-Based Business Rules | 6.88 % |
| OLAP Technology | 4.47 % |
| Planning | 3.52 % |
| Other | 51.36 % |

Impact on External Systems
External systems (as client) impacted by the change

28.57%

[View Details](#)

Systems Impacted 2 / 7

Impact on Active Users
Percentage of active users impacted (based on usage period)

20.00%

[View Details](#)

Users Impacted 3 / 15

Impacted Critical Objects
List of impacted objects defined as critical in the landscape

0.00%



Thank you!!!

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ChaRM

Difficult to setup

Difficult to maintain

Difficult to update

No such thing as a free puppy!



No support for ECC

No migration support

CI/CD...sorta

No Analysis

Is it ready for real world use?



Business Technology Platform

Cool Front Ends

Git source control

Steampunk for ABAP

Audit trail?



abapGit

Promising approach

Focused on developers and early adopters

No configuration support

Not ready for full production use

No CI analysis



Promises for the Future

Support for ABAP is in its infancy

What about CI analysis?

What about retrofit?

Do you really want to an early adopter?