



Intelligent Automation for SAP Transformations

Custom Code Transformation – Challenges, Solutions, & Real-World
Successes

ASUG Kentucky Chapter Meeting

About Me

Ryan Ptacek

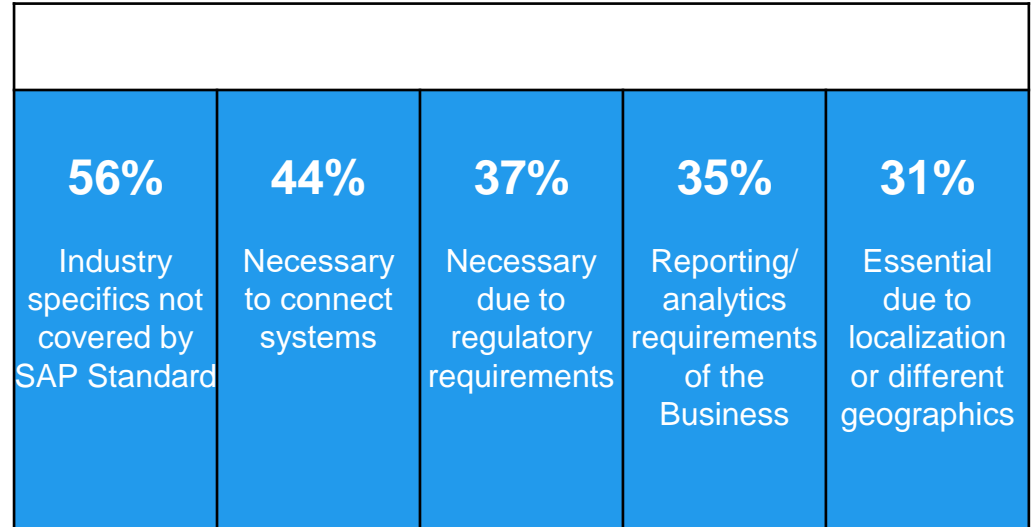
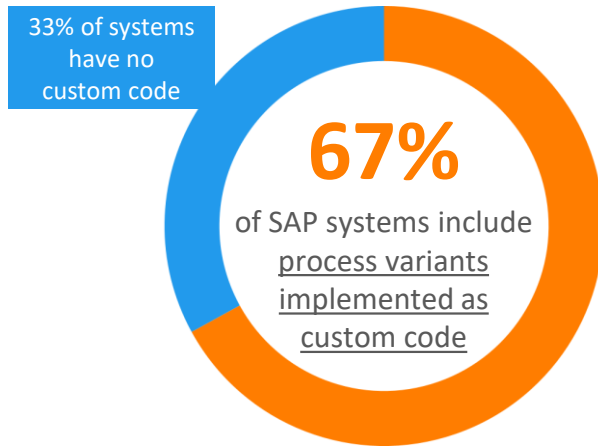
Account Executive

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Most SAP customers have custom code



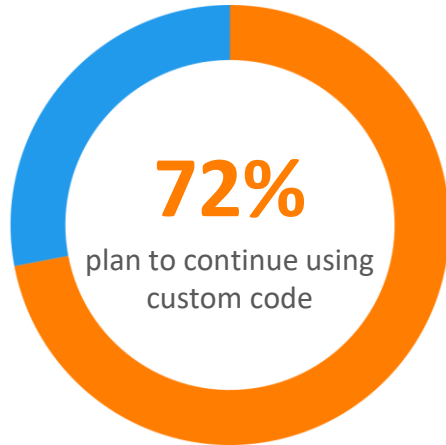
Q. Approximately how much of your current SAP system would be considered SAP standard?

Q. Approximately how much of your current SAP system includes process variants implemented as custom code processes? (n=169) *9 respondents selected 'Don't know/not sure'

Q. In your opinion, why does your organization need custom code? (Please select all that apply.)

Custom code needs to be upgraded

As customers upgrade their SAP systems, they'll need to remediate and transform their custom code



As organizations move forward with SAP S/4HANA or other SAP system upgrades, the bulk of respondents will continue to use custom code

Q. As your organization moves forward with SAP S/4HANA or other SAP system upgrades, how will your organization's custom code be handled? (Please select all that apply.) (n=177)

Custom code presents challenges

...and the majority of SAP customers will seek outside help

“What challenges does custom code present to your organization?”



Barrier to upgrading/migrating to a new SAP offering

58%



Excessive maintenance costs

39%



Difficulty finding expertise to maintain/enhance custom code

37%

Source: smartShift/ASUG Market Research

smartShift Overview

GLOBAL LEADER IN AUTOMATED ENTERPRISE TRANSFORMATIONS



Industry
LEADER
Intelligent
Automation



EXPERTS in
legacy
transformations



PATENTED
Intelligent
Automation
Platform
20+
YEARS R&D



1000+
Cloud, SAP
Transformation
and Migration
Projects



100+ successful
Suite on HANA projects
100+ successful
S/4HANA transformations



CERTIFIED
ISO 27001, AWS MAP
& MSP



Cloud Migration,
Managed Services
partnerships with
AWS,
Azure, GCP



smartShift worked with 2 out of 5
**S/4HANA Business
Transformation**
finalists in 2021



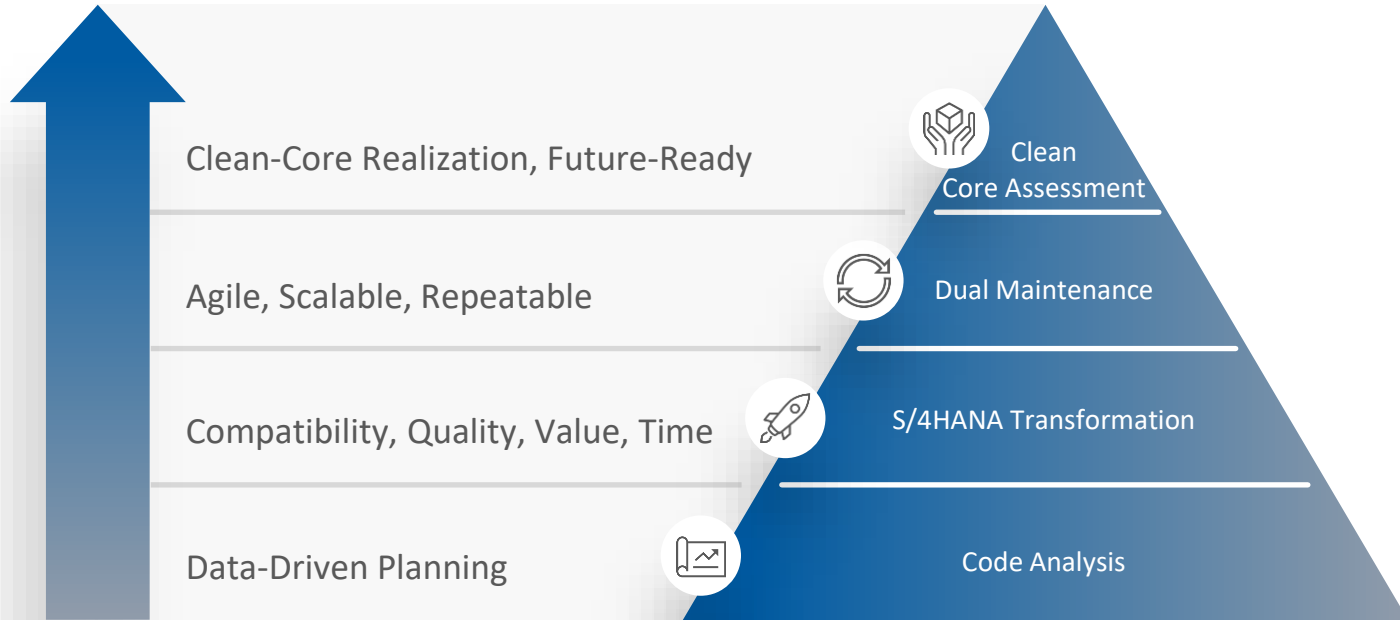
AIRBUS



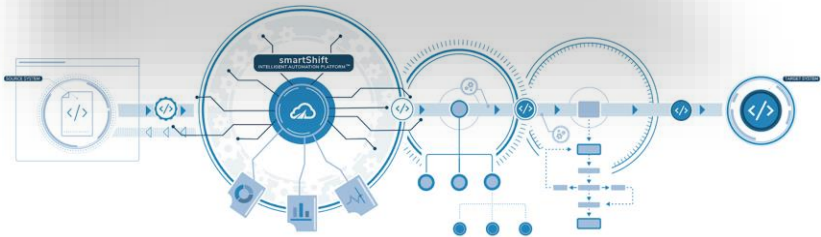
JABIL



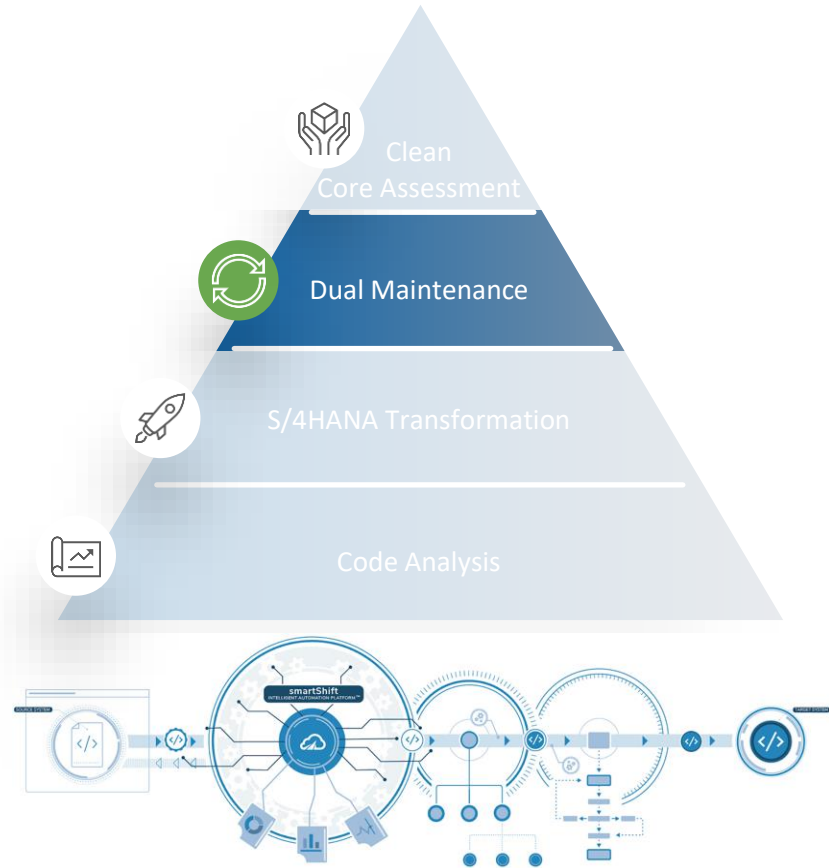
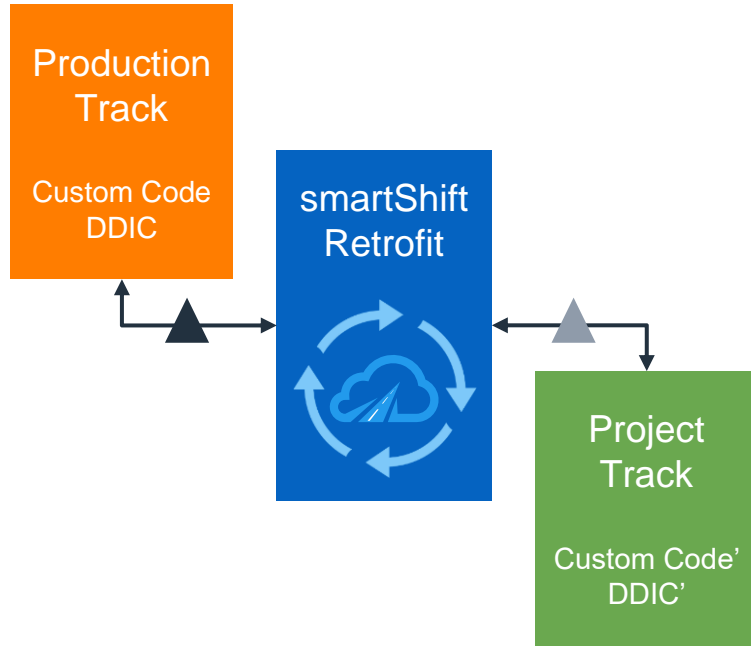
smartShift – Custom Code Solution Continuum



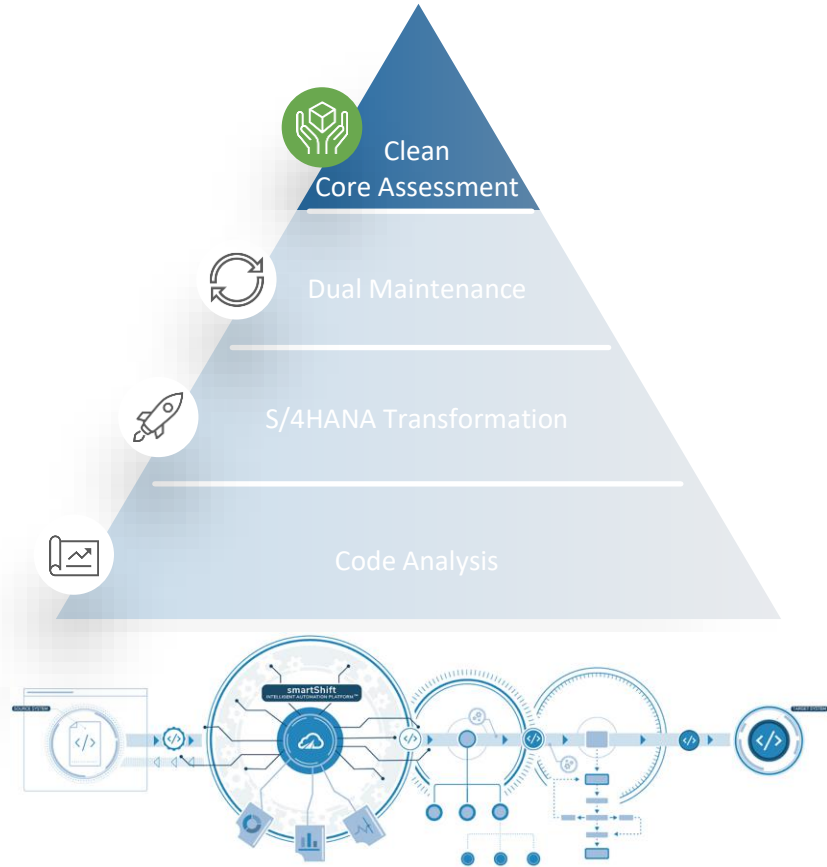
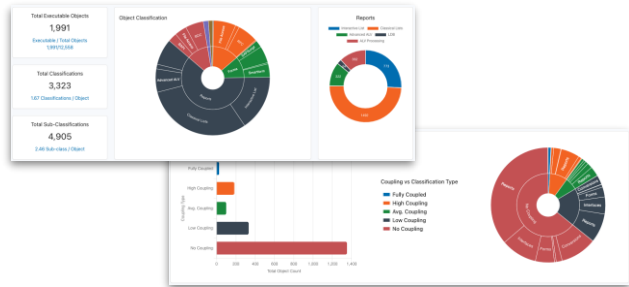
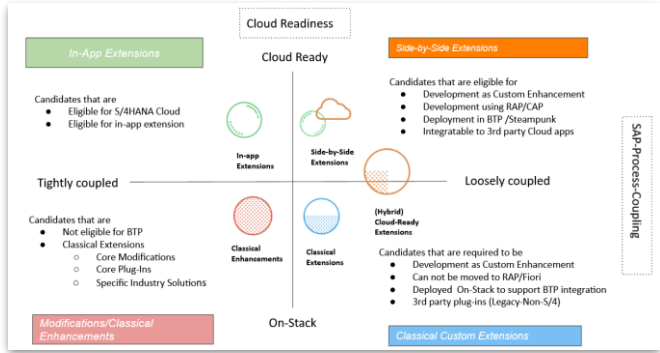
powered by
smartShift Intelligent Automation™



Automated Dual Maintenance Solution



Clean Core Assessment



Real-world successes

- S/4HANA migration factory for 80+ system landscape
- Automation for S/4HANA, security, standardization, and performance
- Agile sprint methodology
- To date:
 - Over 65 projects completed
 - 10MM+ LoC, 100k+ objects remediated
 - Over 7MM EUR saved
 - MM of obsolete LoC safely decommissioned



Real-world successes

The logo for JABIL, featuring the word "JABIL" in a bold, blue, sans-serif font. A green arrow-like shape is integrated into the letter "A", pointing from the left towards the right.

- ECC to S/4HANA
- 46k custom ABAP objects; 5 million LoC remediated
- Dual Maintenance automated with smartShift Retrofit
- Critical enabler of agile DevOps Continuous Integration/Continuous Deployment (CI/CD) & test process

Real-world successes

- Multi-wave ECC-to-S/4HANA rollout
- 42k custom ABAP objects/3.5MM lines of code
- Transformation and optimization
- Selective data & code carve-out approach
- Automated Dual Maintenance with smartShift Retrofit ensuring continuous alignment of ECC to S/4HANA



Real-world successes



- Automation for 200k custom ABAP objects
 - Manual approach not feasible
- Consolidation of 9 regional systems consolidation to 3 global templates + S/4HANA conversion
- Strategic development partner
- Dual Maintenance
- Clean Core Modernization

smartShift was awarded P&G's **2022 External Business Partner Award** in the **Innovation** category:

[Congratulations to P&G's 2022 External Business Partner Excellence Award Winners!](#)

Next Steps

Test drive our analysis capabilities

A free custom code health check
to gain insight into your SAP
modernization roadmap



