

Intelligent Automation for SAP Transformations

How Automation De-Risks Custom Code Modernization:

ASUG Research, Solutions, & Real-World Results

About Me

Jason Narinian Account Executive

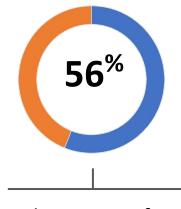
jnarinian@smartshift.com 978-502-3894



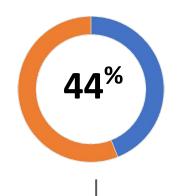


Custom Code is Needed

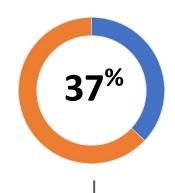
ASUG Research Findings



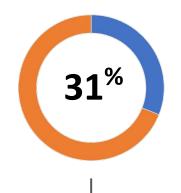
Industry specifics not covered by SAP Standard



Necessary to connect systems

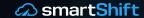


Necessary
due to
regulatory
requirements



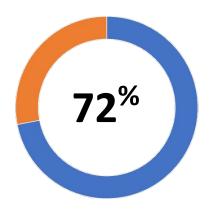
Essential due to localization or different geographies

Source: smartShift/ASUG Market Research



Custom Code Remains Critical

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



The majority of survey participants plan to retain their custom code as they proceed with upgrading to S/4HANA and beyond

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 for Modernization



Barrier to upgrading/ migrating to a new SAP offering

58%



Difficulty finding expertise to maintain/enhance custom code

37%

Source: smartShift/ASUG Market Research

Automation Offers Modernization Options



Speed

Accelerate the transformation process by minimizing the need for manual remediation



Confidence

Enhance the overall quality, security, and stability of the transformed code



Productivity

Eliminate the need for business disruption



Innovation

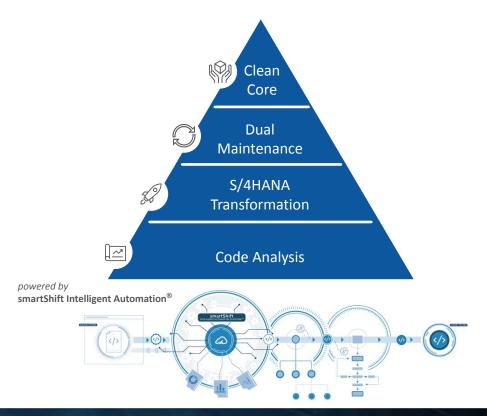
Modernize the system to be more flexible, scalable, and agile



- The only Intelligent Automation for SAP Custom Code Transformations
- 11 Patents 10+ years of SAP ABAP Research & Development
- 1000+ Successful SAP Transformation Projects
- 2.5+ Billion lines of Code Remediated with <0.01% Code Transformation Error Rates



At smartShift, we develop and deliver automated solutions to accelerate business growth and de-risk the transformation of SAP custom code and applications.

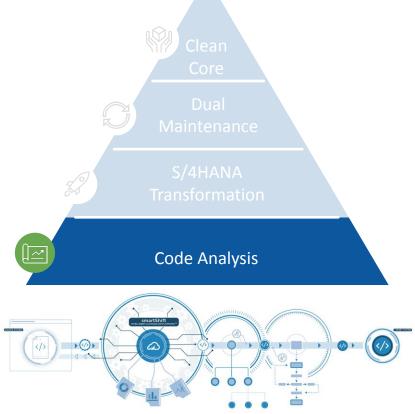


Custom Code Analysis

De-risk with data-driven planning. Know all changes for S/4 upfront & plan with confidence.



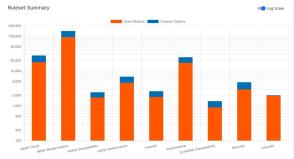
powered by smartShift Intelligent Automation®



Custom Code Transformation

Comprehensive transformation. Guaranteed quality - 1,000X better than manual approach.





	TABLES : bseg.	
	DATA gt_fagl_bseg_tmp TYPE fagl_t_bseg.	"\$smart: 633
	*\$smart (E) - #633 Detected access to DB table BSEG. (A)	
	cl_fagl_emu_cvrt_services=>get_leading_ledger("\$smart: 633
	IMPORTING	"\$smart: 633
	ed_rldnr = DATA(gv_rldnr)	"\$smart: 633
	EXCEPTIONS	"\$smart: 633
	error = 4	"\$smart: 633
	others = 4).	"\$smart: 633
	IF sy-subrc = 0.	"\$smart: 633
	CALL FUNCTION 'FAGL_GET_GL_DOCUMENT'	"\$smart: 633
	EXPORTING	"\$smart: 633
	i_rldnr = gv_rldnr	"\$smart: 633
	i_bukrs = '1'	"\$smart: 633
	i_belnr = "2"	"\$smart: 633
	i_gjahr = '3'	"\$smart: 633
	i_buzei = "4"	"\$smart: 633
7	IMPORTING	"\$smart: 633
	et_bseg = gt_fagl_bseg_tmp	"\$smart: 633
	EXCEPTIONS	"\$smart: 633
	not_found = 4	"\$smart: 633
	others = 4.	"\$smart: 633
	IF sy-subrc = 0 AND gt_fagl_bseg_tmp IS NOT INITIAL.	"\$smart: 633
	bseg = gt_fagl_bseg_tmp[1].	"\$smart: 633
	FREE gt_fagl_bseg_tmp.	"\$smart: 633
	ENDIF.	"\$smart: 633
	ENDIF.	"\$smart: 633

S/4HANA

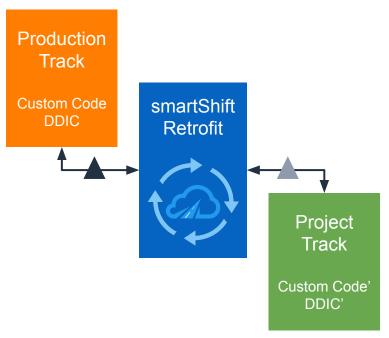
Transformation

powered by

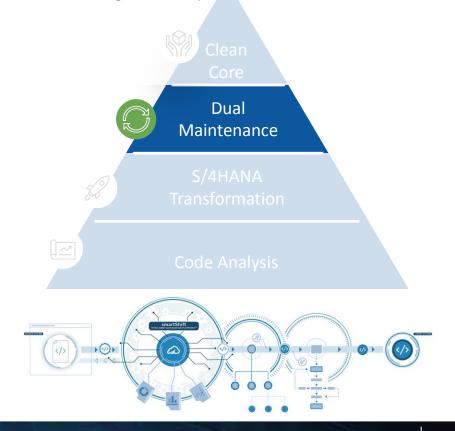
smartShift Intelligent Automation®

Automated Dual Maintenance

Enables business agility & innovation. Dev restrictions, prolonged code freezes no longer necessary.



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Clean Core Assessment

Cloud Readiness Cloud Ready Candidates that are eligible for Development as Custom Enhancement Candidates that are Development using RAP/CAP Eligible for S/4HANA Cloud Deployment in BTP /Steampunk Eligible for in-app extension Integratable to 3rd party Cloud apps Side-by-Side Extensions Extensions Loosely coupled Tightly coupled (Hybrid) Candidates that are Cloud-Ready Not eligible for BTP Classical Extensions Classical Candidates that are required to be Core Modifications Extensions Development as Custom Enhancement Core Plug-Ins Can not be moved to RAP/Fiori Specific Industry Solutions Deployed On-Stack to support BTP integration 3rd party plug-ins (Legacy-Non-S/4) On-Stack

Informed feasibility, design, approach, and planning for application modernization. Clean Core

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smartShift Overview - Global Customers































































JABIL





























smartShift Advantage

"smartShift works at industrial scale with virtually no errors. The defect rate is so low because they have automated everything and reduced the human touch as much as possible."



Global Supply Chain Platform Architect, Procter & Gamble



Call to Action

Test drive our analysis capabilities

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



smartShift