smartShift

The Impact of Custom Code

smartShift has conducted research with ASUG (Americas' SAP users' Group) to better identify how SAP customers experience custom code, SAP migrations, and automation at their organization. Today, most SAP customers rely on custom code to run their businesses. Whether for industry-specific reasons, regulations, reporting, or to keep systems connected; it is clear, custom code is vital for businesses needing to meet their internal requirements.

2023

smartShift

THE IMPACT OF CUSTOM CODE
2023 research from ASUG and smartShift

WHAT IS IT?

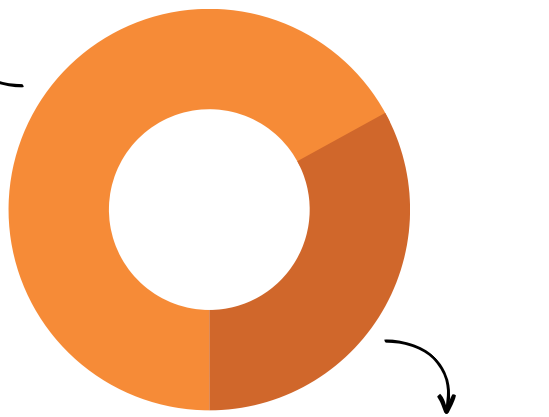A better way for SAP companies to migrate and optimize custom code

The report features the responses of 177 SAP customers and their thoughts on Custom Code Management for SAP Transformations.

RESEARCH HIGHLIGHTS

Most SAP customers rely on custom code

Upgrading SAP systems will require code remediation

SAP customers report issues with traditional solutions
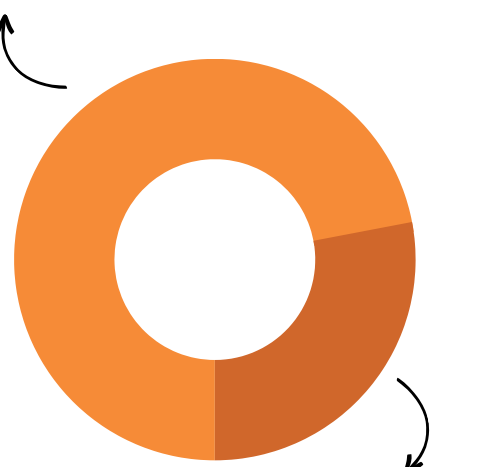
SAP customers see benefits to using alternative solutions

MOST SAP CUSTOMERS HAVE CUSTOM CODE

67%
of SAP systems include process variants implemented as custom code

33% of systems have no custom code

CUSTOM CODE NEEDS TO BE UPGRADED

72%
plan to continue using custom code
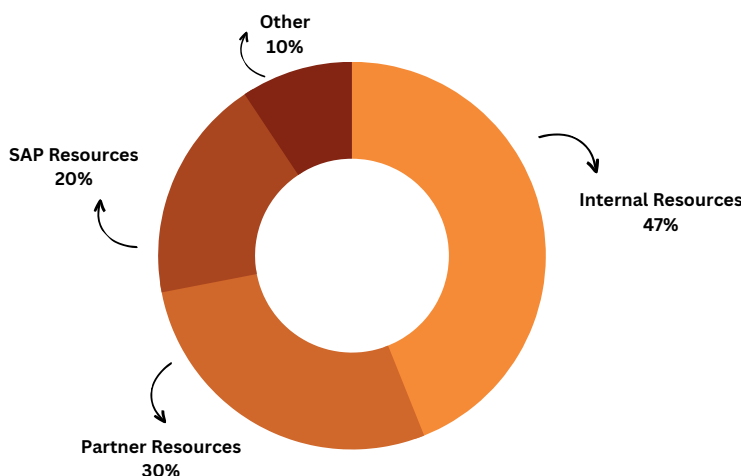
28% have no plans

WHY ORGANIZATIONS NEED CUSTOM CODE

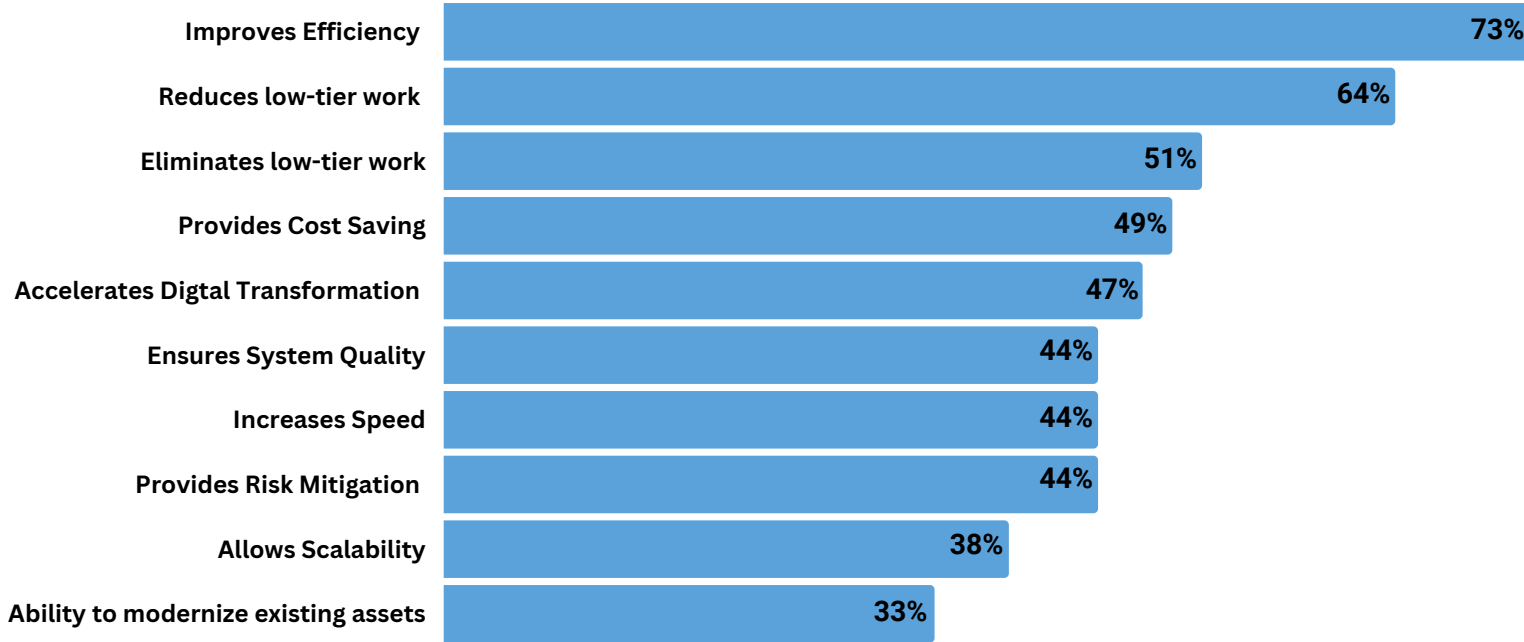| **56%** Industry specifics not covered by SAP Standard	**44%** Necessary to connect systems	**37%** Necessary due to regulatory requirements	**35%** Reporting/ analytics requirements of the Business	**31%** Essential due to localization or different geographics

KEY CHALLENGES CUSTOM CODE PRESENTS

58%
Barrier to upgrading/migrating to a new SAP offering

39%
Excessive maintenance costs

37%
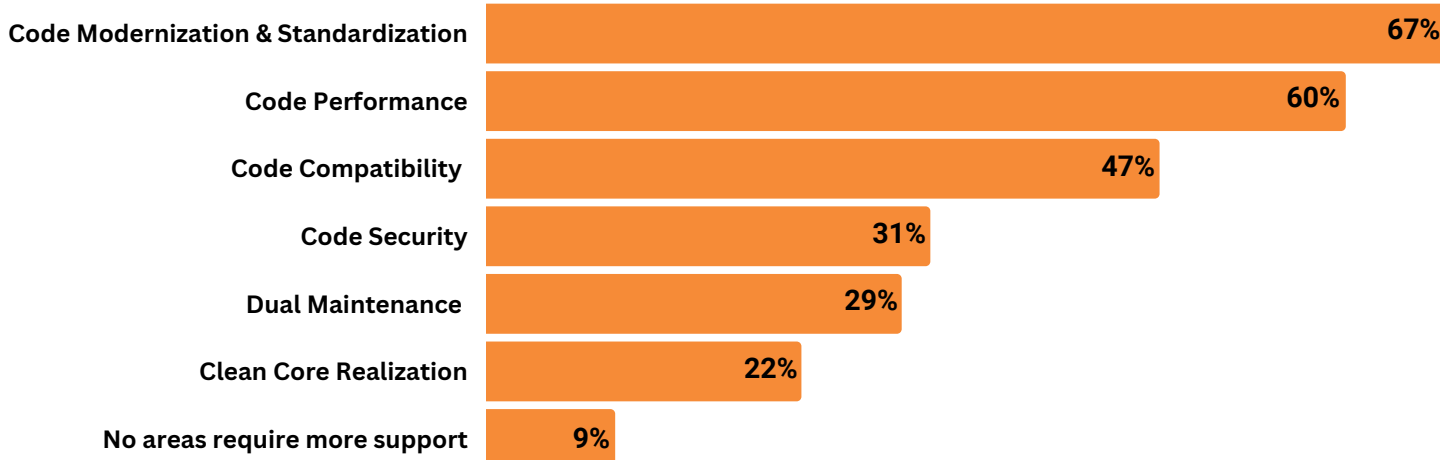Difficulty finding expertise to maintain/enhance custom code

METHODS TO HANDLE CUSTOM CODE

Other
10%

SAP Resources
20%

Internal Resources
47%

Partner Resources
30%

AUTOMATION IS THE ANSWER

Improves Efficiency	73%
Reduces low-tier work	64%
Eliminates low-tier work	51%
Provides Cost Saving	49%
Accelerates Digtal Transformation	47%
Ensures System Quality	44%
Increases Speed	44%
Provides Risk Mitigation	44%
Allows Scalability	38%
Ability to modernize existing assets	33%

USES FOR AUTOMATION TO ADDRESS CUSTOM CODE

Code Modernization & Standardization	67%
Code Performance	60%
Code Compatibility	47%
Code Security	31%
Dual Maintenance	29%
Clean Core Realization	22%
No areas require more support	9%