The Challenges of Maintaining ABAP and Standardizing SAP ERP

Many companies purchase SAP ERP for their integrated software packages that are designed around best-practice business process requirements for a given industry.

Due to SAP's out-of-the-box approach to enterprise resource planning, many companies find themselves needing to heavily customize their SAP ERP system to match specific requirements. Historically, the way to create these custom transactions, reports, tables, and other SAP-related processes is by utilizing ABAP.

ABAP resources are hard to come by and expensive, making managing ABAP and the heavy load of customizations that come along with utilizing SAP ERP. ABAP also does not have the same development cycles as newer programming languages that have been released in the past 40+ years since ABAP's release.

In 2013, appsFreedom, today known as Pillir, decided to create an enterprise rapid application development platform to help transform the typical ABAP development approach of building complex processes in SAP ERP.

Taking processes that require heavy ABAP coding and complex maintenance, and analyzing and converting that ABAP into modern, cost-effective innovative applications that run in any connectivity landscape, the appsFreedom platform took what was once an extremely complex and expensive process for SAP ERP customers and revolutionized it with rapid application development for SAP. With the platform transitioning to EdgeReady Cloud in 2020, SAP ERP customers can standardize their digital core in hours, instead of months or years, and truly digitally transform their SAP ERP systems.

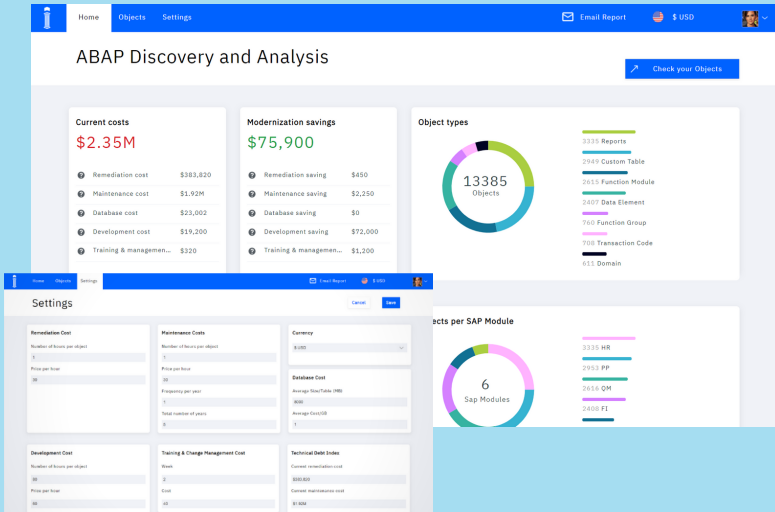## Transform Your Ability to Impact the Bottom-Line

SAP customers can now modernize their digital core while at any stage in their SAP journey with EdgeReady Cloud.

Utilizing the power of low-code technology and native SAP integration, customers can transform ABAP-based customizations into SaaS applications in minutes and leverage the power of SAP's digital core from any device - with or without connectivity.

SAP ERP customers have modernized existing processes by eliminating non-core customizations with EdgeReady Cloud and are able to extend existing business processes to the cloud while deploying new user experiences to the edge of their business. EdgeReady Cloud customers can easily transform their SAP ERP ecosystem while either planning for an SAP S/4HANA migration or modernizing well before any migration.

Providing a patented approach to standardizing SAP, EdgeReady Cloud modernizes any ecosystem in two simple steps

Step One: Assess

EdgeReady Cloud natively plugs into any SAP system, deploying diagnostic tools and generating a customizable dashboard showing all ABAP non-core custom objects and their interdependencies.

EdgeReady Cloud's dashboard displays key performance metrics such as cost to maintain, remediate, for data storage, and to develop.

Additionally, it's easy to track application modernization opportunities such as new app enhancements, integrations to other systems, device-specific capabilities, and other end-user requests.

As a result, ABAP can then be evaluated based on what can be fully eliminated, standardized in future releases, and which are targets for modernization based on a simple cost-benefit analysis with a customer's actual input. This reduces costs, increases rate-of-change and also speed-to-market.

SAP ERP customers can choose which customizations to begin modernizing, as EdgeReady Cloud offers the ability to instantly convert selected non-core customizations to cloud applications in the click of a button.
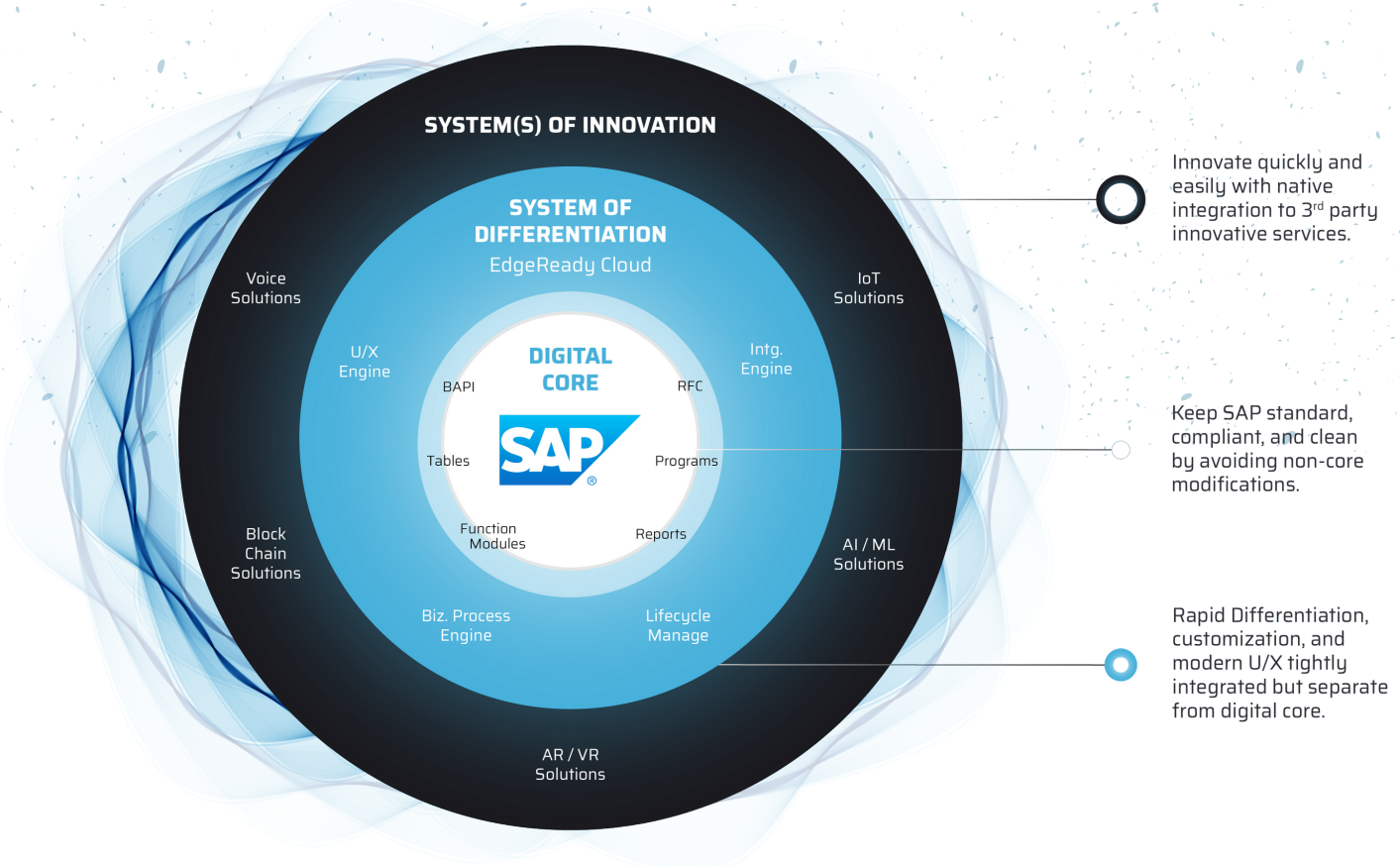
Step Two: Convert

Quickly convert ABAP by parsing programs, decompiling logic, and reconstructing it into low-code objects within EdgeReady Cloud. EdgeReady Cloud utilizes a model-driven, patented approach to deploy newly developed cloud-based SaaS applications for end-users on any device in any connectivity landscape. These now modern applications are still tightly coupled with your SAP digital core, but are now deployed as self-managed SaaS applications with no IT operational or infrastructure overhead.

Pillir

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Standardize Your SAP Digital Core and Innovate at the Edge

SYSTEM(S) OF INNOVATION

SYSTEM OF DIFFERENTIATION
EdgeReady Cloud

Voice Solutions

IoT Solutions

U/X Engine

Intg. Engine

DIGITAL CORE

BAPI

RFC

Tables

SAP

Programs

Function Modules

Reports

Block Chain Solutions

AI / ML Solutions

Biz. Process Engine

Lifecycle Manage

AR / VR Solutions

Innovate quickly and easily with native integration to 3rd party innovative services.

Keep SAP standard, compliant, and clean by avoiding non-core modifications.

Rapid Differentiation, customization, and modern U/X tightly integrated but separate from digital core.

Every Industry, Anywhere In the World

EdgeReady Cloud has helped modernize SAP for companies around the world, including those in industries such as oil and gas, manufacturing, logistics, construction, minerals, mining, food and beverage, and many others.

Utilizing cloud-native technology, EdgeReady Cloud has helped companies quickly pivot operations and easily adjust to rapid shifts in global demand. Pillir's customers have shifted the economics of their application delivery strategy around SAP, focusing significantly more budget, time, and people towards innovation and growth instead of having those resources allocated to activities and technologies that qualify as keeping the lights on.

Innovators like Dole Packaged Foods, Brown-Forman, Par-Pacific, Archean Group, Mobile Mini, Toray Plastics, Wine Warehouse, and many more can attest to how EdgeReady Cloud has standardized their SAP digital core and driven progress in their organization.

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