3 IMPORTANT THINGS YOU NEED TO KNOW ABOUT SAP BTP FOR APPS
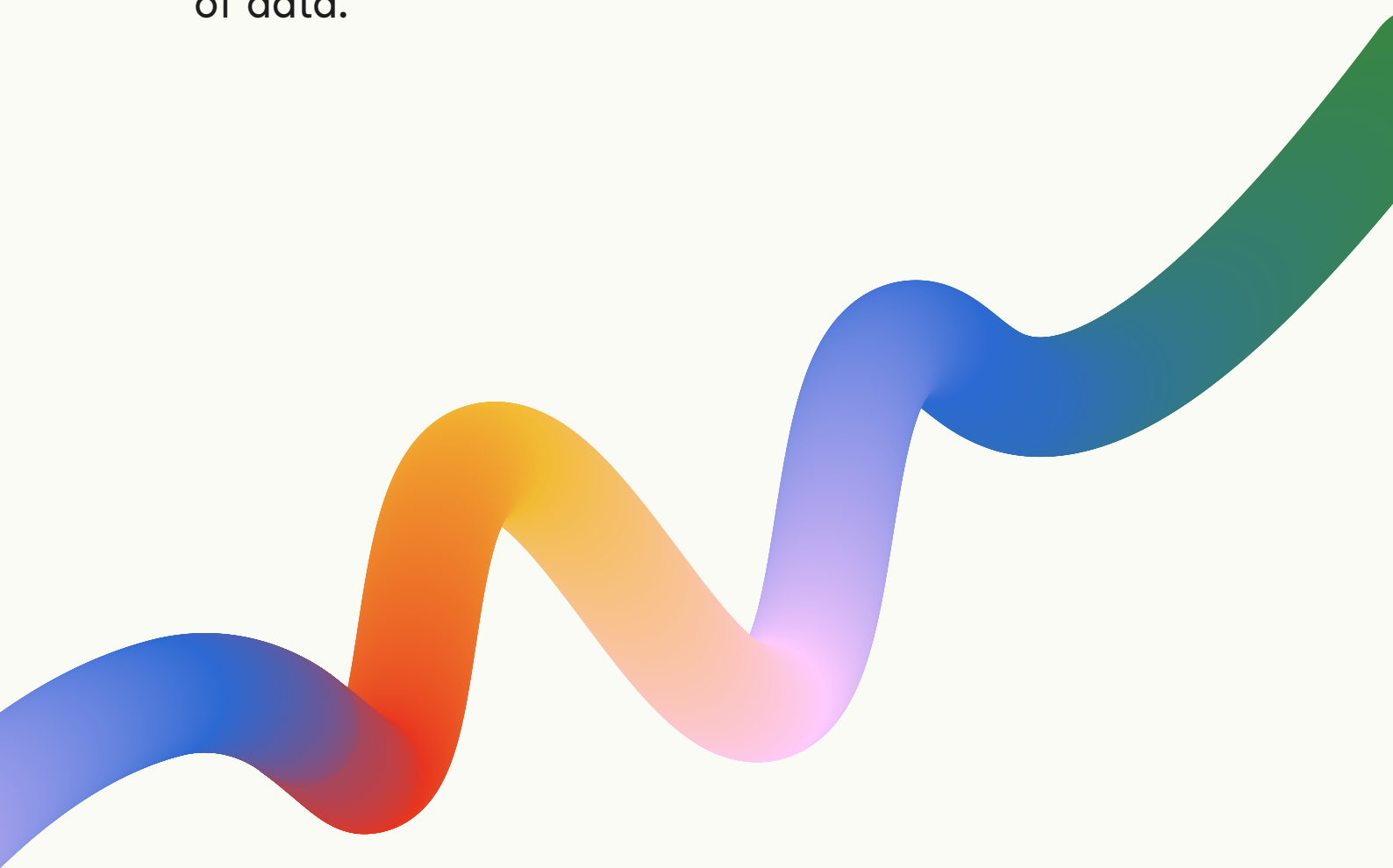
A Quick Guide

vincit

DO YOU WANT TO EXTEND SAP'S FUNCTIONALITY TO MAKE YOUR BUSINESS DATA-DRIVEN?

WE DO.

As the heart of SAP applications and integrations, the SAP Business Technology Platform (BTP) evolves continuously. In this paper, we'll explain how you can drive composable architecture and clean core in your SAP landscape running on RISE or GROW with SAP. We'll also highlight how advancements in AI are transforming SAP landscapes and how SAP BTP can help you build apps that customize SAP to better take advantage of data.

WHAT IS SAP BTP?

SAP BTP is a development platform that supports businesses in managing data, developing applications, and integrating systems within a single, cloud-based environment.

SAP BTP allows you to connect disparate IT systems, automate workflows, and get insights from data to improve business innovation and efficiency. BTP capabilities support multi-cloud and hybrid deployment models, meaning you can remain flexible while modernizing your IT infrastructure.

SAP BTP gives you the following benefits:

Smooth integration – B2B companies often use multiple ERP systems, legacy applications, and third-party platforms. SAP BTP helps you connect these systems, ensuring data flow between suppliers, distributors, and customers and improving collaboration.

Better data management and real-time insights – you can centralize and analyze vast amounts of data in real time with SAP BTP, which is critical for demand forecasting, inventory optimization, and risk management.

AI and automation – SAP BTP includes AI, machine learning, and automation capabilities, which help automate repetitive tasks such as order processing, contract management, and invoice handling. This reduces manual errors and improves efficiency.

Custom application development and extensibility – you can use SAP BTP to build custom applications tailored to your specific business needs, such as factory and warehouse management or pricing management processes.

HOW SAP BTP IS EVOLVING

SAP Business Technology Platform (BTP) continues to evolve, offering you advanced tools and methodologies to improve innovation, maintain system integrity, and take advantage of AI. Recent improvements include:

Low-code and no-code development – you can undertake AI-enhanced development of business applications and processes with less actual coding.

Integration enhancements – SAP Integration Suite now provides improved connectors and APIs, facilitating the integration of a wide range of applications and data sources.

Data and analytics improvements – SAP is improving analytics, which helps you to find actionable insights and make more informed decisions.

AI capabilities – SAP integrates advanced AI functionalities into BTP, allowing you to automate processes and make predictions.
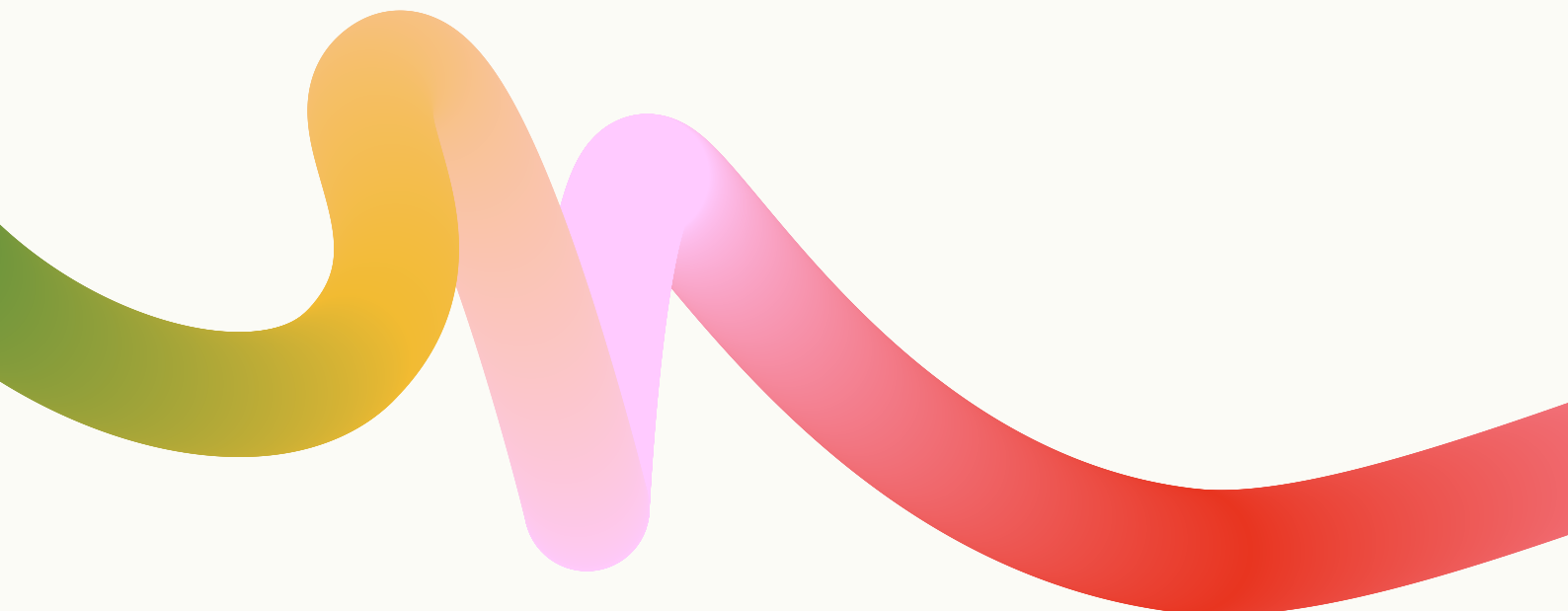
IMPLEMENTING COMPOSABLE ARCHITECTURE AND CLEAN CORE IN SAP

Adopting a composable architecture and maintaining a clean core are key strategies for businesses aiming to improve agility and reduce system complexity. Both of these are possible with SAP.

Composable architecture involves creating modular and interchangeable components, allowing businesses to adapt rapidly to changing requirements. With the RISE and GROW with SAP frameworks, you are building your business architecture on composable cloud applications. BTP is the key to orchestrating these cloud application capabilities and creating tailored solutions when needed.

A clean core strategy means minimizing customizations of the core ERP system. By using SAP BTP for extensions and custom app development, you can implement a clean core strategy, ensure smoother upgrades, and reduce complexity.

THREE KEY TAKEAWAYS ABOUT SAP BTP FOR APP DEVELOPMENT

1. Building effective apps in a managed API environment

Apps are the most comfortable digital tools for employees, partners, and consumers. To bring business functions into apps, APIs are critical to connect everything. SAP BTP allows for rapid development using existing capabilities. Today's enterprise architecture supports a variety of software stacks, and software architecture governance plays a growing role in ensuring the availability of business functions and platform capabilities.

Here are the benefits of using SAP BTP for building apps:

EXTEND AND CREATE NEW FUNCTIONS

SAP BTP allows you to build applications that extend the functionality of SAP ERP systems without modifying their core code. This means you can customize workflows, dashboards, and automation based on your unique needs to take better advantage of data. You can use APIs to connect with external platforms.

GET COMPREHENSIVE API MANAGEMENT

SAP BTP allows you to design and govern APIs while ensuring smooth integration between applications, SAP systems, and third-party solutions. A managed API environment allows secure access control through authentication and authorization mechanisms while monitoring API performance.

2. Efficient data management in SAP Business Data Cloud with SAP Datasphere and SAC Planning

Efficient data management is critical to drive data-driven decision-making, streamline operations, and improve strategic planning. SAP Datasphere and SAP Analytics Cloud (SAC) Planning work together to provide a unified, intelligent, and scalable data management and planning solution. By integrating real-time data access, advanced analytics, and AI-driven insights, you can improve forecasting accuracy, operational efficiency, and financial planning.

SAP DATASPHERE

SAP Datasphere is a data management solution that allows businesses to access, integrate, and manage data across multiple systems while maintaining data quality and governance. SAP Datasphere connects structured and unstructured data from SAP and non-SAP systems, eliminating data silos.

The system provides real-time access to data, reducing storage costs and latency and ensuring a harmonized view of enterprise data. With SAP Datasphere, businesses can create a single source of truth, ensuring reliable and accurate data for analytics, AI applications, and financial planning.

SAP ANALYTICS CLOUD PLANNING

SAC Planning is a cloud-based planning and predictive analytics solution that helps businesses with financial forecasting, budgeting, and operational planning. The tool integrates financial, sales, and operational planning across different departments, helping you to align business goals. SAC Planning also uses machine learning and predictive analytics to improve planning accuracy.

SAP AND DATABRICKS

SAP recently formed a strategic partnership with Databricks to improve enterprise data management and analytics capabilities. This collaboration will integrate Databricks' data engineering, machine learning, and AI functionalities with SAP. The integration allows businesses to combine SAP data with other enterprise data, leading to more advanced analytics and AI-driven insights.

This partnership addresses a common challenge faced by enterprises: integrating SAP data with other data platforms. By providing easy integration, SAP and Databricks allow customers to use their SAP data alongside other datasets without the need for complex data extraction processes. Streamlined integration facilitates the development of AI models and advanced analytics, meaning businesses can get more value from their data.

3. Accelerating innovation with APIs

To be fast, you have to have a platform for innovation. In most cases, the difficult and time-consuming part of your innovation initiatives is the connection to your existing data and processes. Complex enterprise landscapes do not provide real-time data, reusable endpoints, loose coupling, or proper security.

An API-driven approach is the solution to provide simplicity and speed for your innovation. API management is the port to your data and processes. It provides documentation and instant testing capabilities for your innovation initiatives in a format that all modern business development teams understand.

You can have a secure, stable, and unified view of your landscape even if the backend is a varied mix and ongoing IT projects change it constantly.

SAP API MANAGEMENT – THE GATEWAY TO YOUR DATA AND PROCESSES

SAP API Management offers full API capabilities to define API usage Policies (including security), API Access Management, and Track Consumption. It allows you to design, define, publish APIs, and test APIs.

SAP INTEGRATION SUITE – ENABLING CONNECTIVITY

SAP Integration Suite is a cloud-based solution that ensures you can connect SAP and non-SAP applications, cloud services, and third-party platforms efficiently. The tool allows for real-time data synchronization, API management, and integrations to enhance agility and accelerate innovation. SAP Integration Suite offers pre-built connectors and automation, which reduce development efforts with pre-configured integrations for SAP ERP, CRM, and other enterprise systems.

A Quick Quide to SAP BTP for apps

In a B2B environment, companies often deal with complex supply chains, multiple business partners, and high-volume transactions – all of which require integration and efficient data management. SAP BTP is continuously evolving to meet the needs of companies. By using SAP BTP, you can unify sources of data and create apps that add needed functions to help your business be more data-driven.

Want to learn how we can use SAP BTP to build custom apps that take your organization to the next level? Contact us:

Jari Miettinen
Senior Account Executive
→ +358 400 800 224
→ jari.miettinen@vincit.fi

Vesa Niininen
Business Solution Architect
→ +358 50 442 0012
→ vesa.niininen@vincit.fi