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Solution Series: Banking

OPENING THE OPEN BANK

Integrating data and managing APIs for secure access to your data and services

Your problem: Partners in the world of the Open Bank expect to be able to interact with a clear set of well-documented Application Programming Interfaces (APIs) that tie into the data and services you wish to expose. How will you consolidate the data within your infrastructure so that you can deliver that data—securely and in a well-managed manner—to your partners? How will you ensure against inappropriate access?

Software AG solution: A Digital Business Platform designed to help a bank integrate data and processes from any system and then to deliver that data—securely—through a set of well-managed APIs. With Software AG's Digital Business Platform, you gain access to the tools you need to integrate data for presentation, to publish API information through a portal and to deliver data to trusted partners through a secure gateway.

Problem details

The emerging world of the Open Bank demands that your infrastructure does things it was never designed to do—open access to all the customer data, transactional, demographic and more that you've been capturing and protecting all these years. In the world of the Open Bank, these are becoming assets you need to make available to partners—carefully and selectively—if you are going to participate in a meaningful way in the financial world that is evolving. Yes, you need to continue to protect those assets, but now you need to protect them and present them—through an outward-facing set of APIs—to a world of partners and processes that are new, unfamiliar and not entirely within your control.

How will you accomplish this when so much of your historical infrastructure has been designed to prevent outside agents from accessing this information?

To start with, you'll need tools that can help you integrate and prepare the data you have, which may reside in many places and on many different systems. You'll also need to create a portal through which you can publish a catalog of APIs. These may be APIs that conform to specifications being developed in conjunction with Open Banking regulations in the EU; they may be APIs that conform to specifications defined by others in this evolving environment. Key to your success will be the flexibility with which you can implement and manage a variety of APIs in response to the opportunities arising in the world of the Open Bank. Finally, you'll need to provide access to your data through a secure, well-managed API gateway.

What's the Software AG difference?

A comprehensive platform for managing and delivering Open Bank services in a secure and well-governed manner:

- Integrate data and services rapidly, even in a broadly distributed banking infrastructure

- Build and publish Open Bank APIs through a developer portal

- Facilitate and manage the secure delivery of data through an API gateway

Software AG's solution

Build, publish and manage well-secured APIs

- Integrate data and processes for external consumption
- Secure service gateways against unauthorized use
- Catalog, publish and expose APIs to partners

Enable authorized access to data and services

- Expose APIs selectively to different partners
- Monetize access according to business strategy
- Monitor activity to ensure security and performance

Manage API lifecycles

- Track and manage data and service demands
- Centrally manage and update the API catalog
- Manage API and service updates against strategic plans

Software AG's Digital Business Platform empowers bankers to meet these challenges head-on. With a complete set of system-agnostic tools and services, the Digital Business Platform enables you to:

- Integrate diverse data sets and business processes
- Build the Open Bank APIs that your business strategy requires
- Publish a catalog of APIs through an Open Banking portal
- Manage and deliver data—securely—to approved partners within the Open Banking community

In short, Software AG's Digital Business Platform provides the integration, design and run-time components that CIOs need to facilitate the evolution of the Open Bank. We can help you protect and present your most valuable assets by extending the infrastructure you already have with the critical tools and services you need.

Critical aspects of an Open Bank API management solution

1 Facilitate the integration and presentation of data via Open Banking APIs

2 Manage and maintain an API portal

3 Provide a secure API gateway for run-time authentication

ABOUT SOFTWARE AG

The digital transformation is changing enterprise IT landscapes from inflexible application silos to modern software platform-driven IT architectures which deliver the openness, speed and agility needed to enable the digital real-time enterprise. Software AG offers the first end-to-end Digital Business Platform, based on open standards, with integration, process management, in-memory data, adaptive application development, real-time analytics and enterprise architecture management as core building blocks. The modular platform allows users to develop the next generation of application systems to build their digital future, today. With over 45 years of customer-centric innovation, Software AG is ranked as a leader in many innovative and digital technology categories. Learn more at www.SoftwareAG.com.

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