



SAP  
Innovation  
Awards 2019



# SAP Innovation Awards 2019 Entry Pitch Deck

**eIHB InHouseBank** «Banking is necessary, Banks are not»

F. Hoffmann-La Roche AG, Switzerland

THE BEST RUN





<https://drive.google.com/file/d/1MKFwwpvZtDIG67N2cayrkbFR4Gdlh3Bz/view?usp=sharing>

Due to our company policy we are not allowed to upload internal videos to public platforms such as youtube etc. You can view the video by requesting view access by clicking on the link.  
(Please note that you need to have a Google Account)



## F. Hoffmann-La Roche AG, Switzerland

### “Quote”

*“Banking is necessary,  
Banks are not”*

Bill Gates

-----  
*“Our eBanking solution  
completes Roche in house  
banking services suite that  
allows many of our affiliates  
to bank solely within Roche's  
secure & sophisticated  
infrastructure (SAP based) -  
without any external bank.  
**Today no other corporate  
can offer that to its  
affiliates.**”*

Head of Treasury &  
Financing Operations

### Challenge


Affiliates from all over the world are using bank accounts in order to remain flexible and process urgent/ad hoc payments through their local eBanking tool. This was not only recognized to being cost-extensive, but also seen as a risk.

### Solution

Providing an InHouse-eBanking tool that is owned and managed by the Treasury department.

### Outcome

Elimination of relationship between local business and banks -> Bank free affiliates!



Increase of **transparency**  
and **compliance** and  
**security** (Fraud prevention /  
Embargo check)

**Decrease** in payment  
processing time

Closing of local bank  
accounts -> **Elimination of  
bank-fees**



## Business Challenge & Objectives

The project completes a long term vision towards realizing bank free affiliates.

We are not only simplifying the way our affiliates pay but as well help the treasury department to pursue its goal of reducing external bank relationships of the affiliates, increase compliance and reduce risk.

The project goal was to create a tool which can be accessed anywhere/anytime. It enables our affiliates to create payments through our SAP Treasury In-House Bank, approve and monitor these to ensure compliance and reduce risk. The backbone of the project was the SAP world of products that was key to completing the long term transformation.

### Project objectives

The project has completed the following milestones and is continuing to grow:

**2016**

**«Let's get ready»**

Brainstorming  
(Prerequisite)  
Upgrade Project EhP8



**2017**

**«Let's get started»**

UI/UX Workshop / DevSeOps  
Pilot (UAT)  
Go-Live (Sweden / Eastern Europe)



**2018 and beyond**

**«Let's get it done»**

Go-Live (rest of Europe & Asia)  
further on-boardings scheduled...



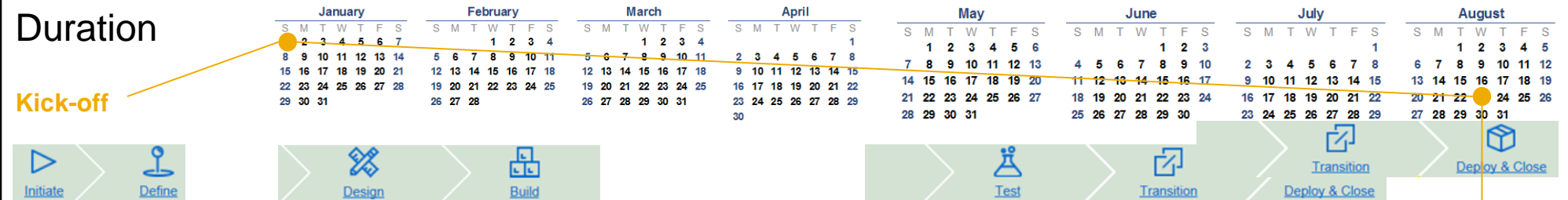


# Project / Use Case Details

## Project Details:

### Duration

Kick-off

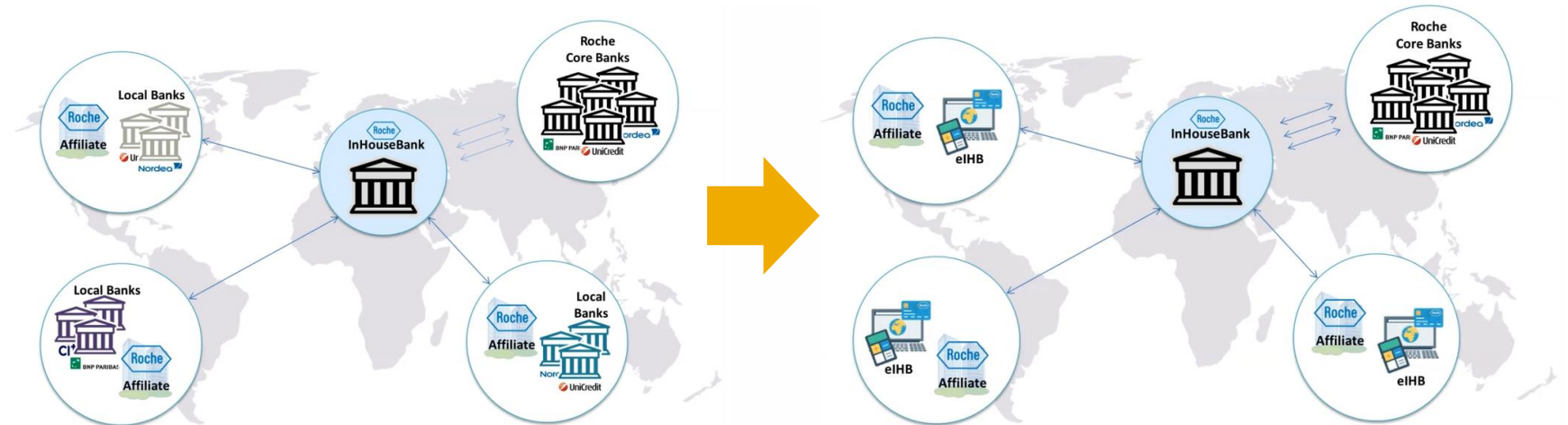


#of users implemented **239** | Estimated project effort **500MD**

## Use Case:

### Before

### After





## Project / Use Case Details

The project has dramatically changed the business processes. With the involvement of Shared Service Centers we managed to standardize and streamline various process steps. The payment processing time has been reduced due to highly automated workflows and therefor leading to improved business operations.

A streamlined SAP based process of payment execution, with increased security along with efficient and fast performance as top priorities, enables Roche treasury to avoid the high impacting risk of fraud. A potential case of this nature would lead to financial and reputational loss, ultimately to legal consequences.

This innovative solution clearly set a new benchmark in the Treasury-industry. This achievement was only possible with the unique framework provided by SAP.



# Benefits and Outcomes

## Business / Social



Increase of **transparency** and **compliance**

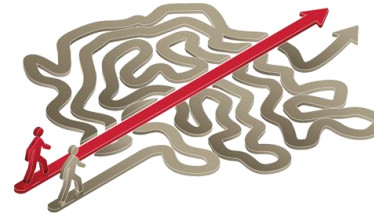


Increase of **security** / Fraud prevention / Embargo check



Closing of local bank accounts -> **Elimination of bank-fees**

## IT



**Simplicity**

Elimination of interfaces and 3rd party tools -> less IT support

## Human Empowerment



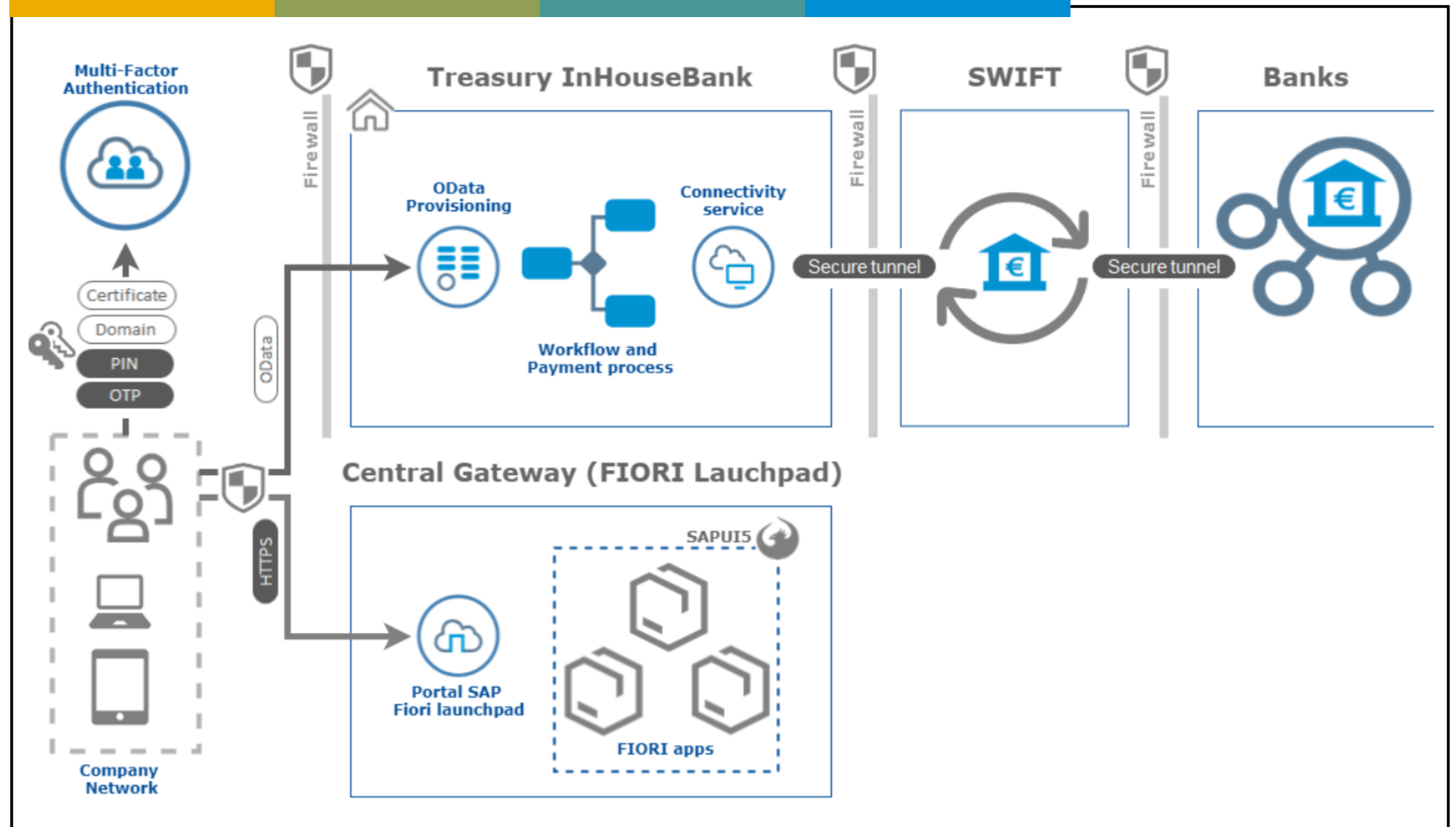
**At Roche, patients are our core focus**

Every penny we save goes to R&D.

At Roche, we have a strong Purpose. And because we know that the world needs better ways to prevent, diagnose, and treat disease, we are driven by that Purpose to improve people's lives whenever and wherever, needed.



# Architecture







## Deployment

Date of Deployment or POC: First go-live 22nd of August '17 / last implementation 5th of February '19

Number of live users: 239

### SAP Technologies Used:

SAP Gateway / Fiori Launchpad	LIVE
SAP ERP / ECC (EHP8/SP01)	LIVE
SAP Analytics (Lumira)	POC -> Story/KPI-report
SAP Leonardo (ML/AI)	POC -> Fraud Management
SAP Leonardo (API-Integration)	POC -> API (SWIFT/Banks)

Server Processor: Intel Xeon

Linux Distribution: Red Hat



## Emerging Technologies and Use Cases

The following Emerging Technologies and use-cases are part of the project and describe the contribution

	Technology or Use Case	Yes/No	Contribution to Project
1.	Machine Learning / Artificial Intelligence	Yes	Fraud detection (POC)
2.	IoT	No (irrelevant for this project)	
3.	3D printing	No (irrelevant for this project)	
4.	Blockchain	Not yet (under investigation)	
5.	API Economy / Integrate the Intelligent Enterprise	Not yet (but planned)	
6.	Cloud Native / Event Based Architectures	No	
7.	Extending the digital core with SAP CP / ABAP in SAP CP	Not yet, but we are planning to move there	
8.	SAP Leonardo Application ( extending SAP application, using Industry Innovation Kits or result of Design Thinking workshop)	Yes	Design thinking is/was key to success