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# Átlépés a API kiszolgálást támogató új digitális banki platformokra

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April 09, 2019

# Safe Harbor Statement

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# Fundamental objectives of Open APIs

## Better Customer Experience



- More choice for consumers
- Promotes a data driven strategy
- Improved and modern corporate access and services

## Standardization & Efficiency



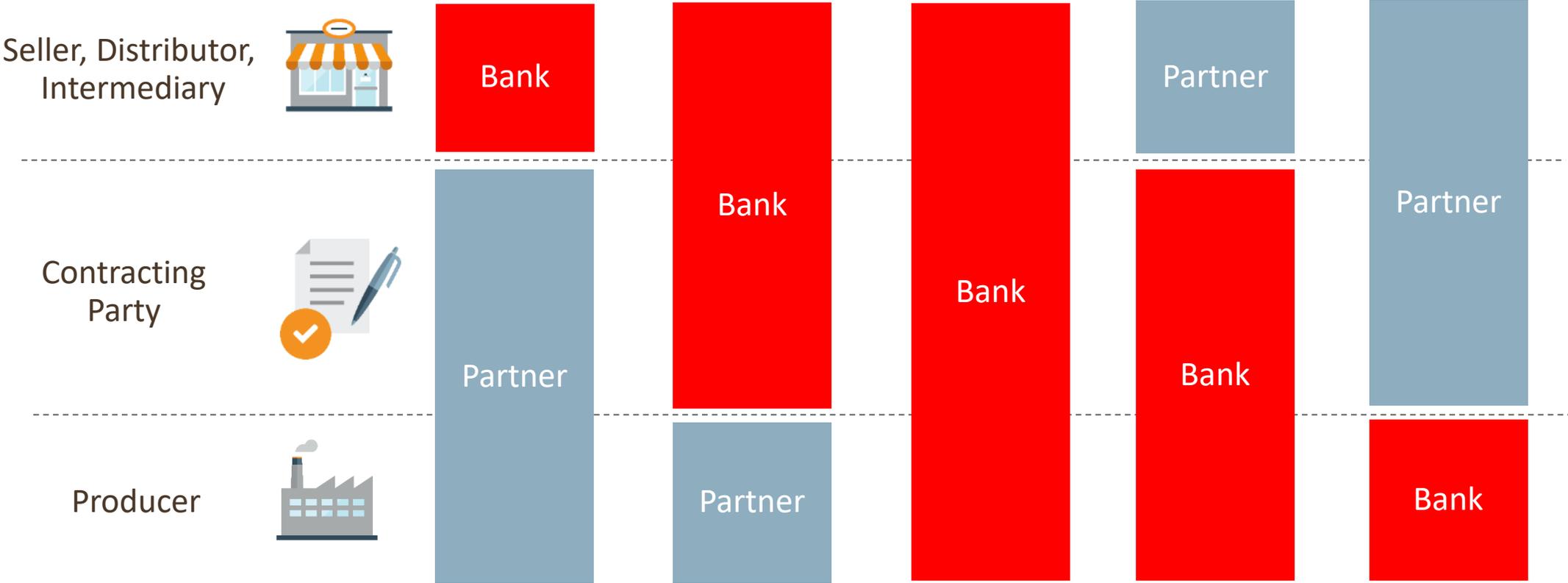
- Standardized access to data and capabilities
- Reduced cost of operations
- Fast track process digitization

## New Business Models



- Building an ecosystem of partners
- Enhancing distribution network
- Grow new revenue models

# Open banking brings the chance to create new engagement models with partners in the ecosystem



# Open banking presents a strategic opportunity for banks to open up new business and revenue models

## Current Maturity Level

1

### Comply

Open up through APIs to the most limited extent possible to comply

- Do just enough to comply
- Enable 3<sup>rd</sup> parties to execute payments account services

2

### + Monetize

Develop and expose services that go beyond basic payment and account information services

- Seize new revenue opportunities by extending services beyond compliance
- Extend to value added services as API's and monetize them

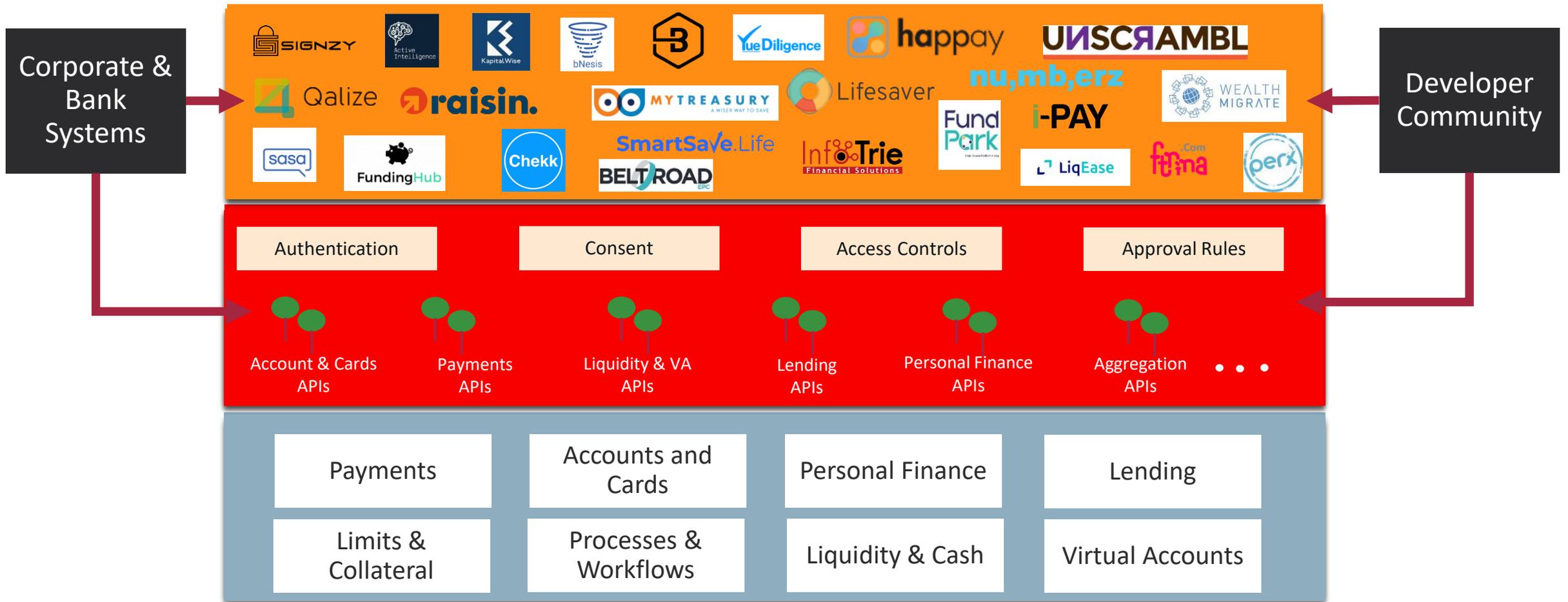
3

### + Transform

Pursue a 'bank as a platform' strategy to enable third parties to build applications and services around the financial institution.

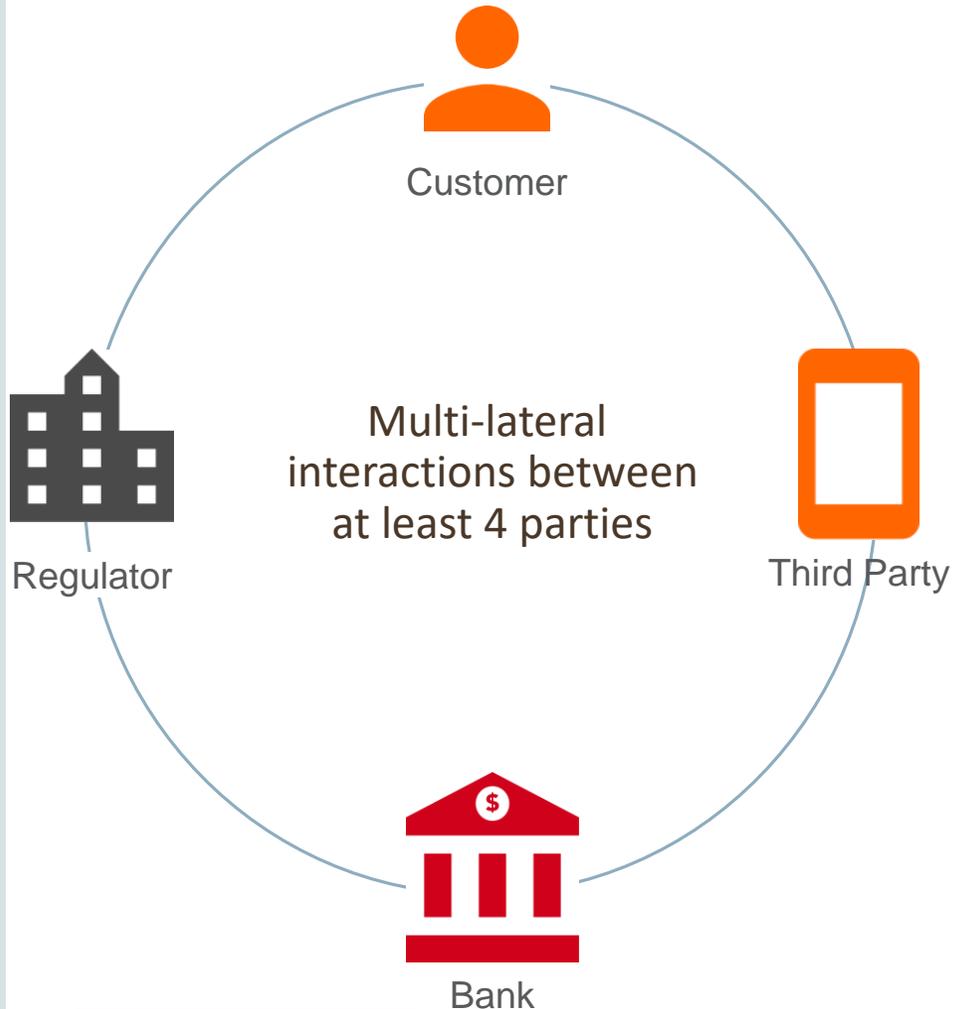
- Using Open Banking APIs to become a Bank Platform
- 3<sup>rd</sup> parties scale up your services and offerings through co-created apps

# Basic Building Blocks of an Open Banking Platform



# Top challenges we have observed with our customers

Ready APIs accelerate time to compliance but is the least complex part



## Deadline Killers!

- Interactions/Flows between the 4 actors
- Consent registration and management
- Integration between technical components
- Authentication and Authorization flows
- Setting up a sandbox for 3<sup>rd</sup> parties

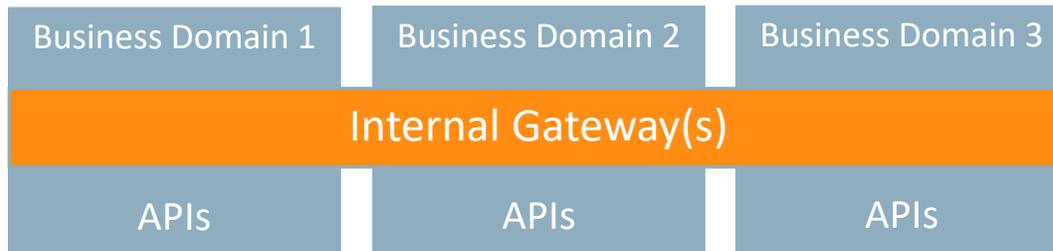
Complexity



# Groupwide architecture backing an API Strategy



Inbound API Gateway(s)

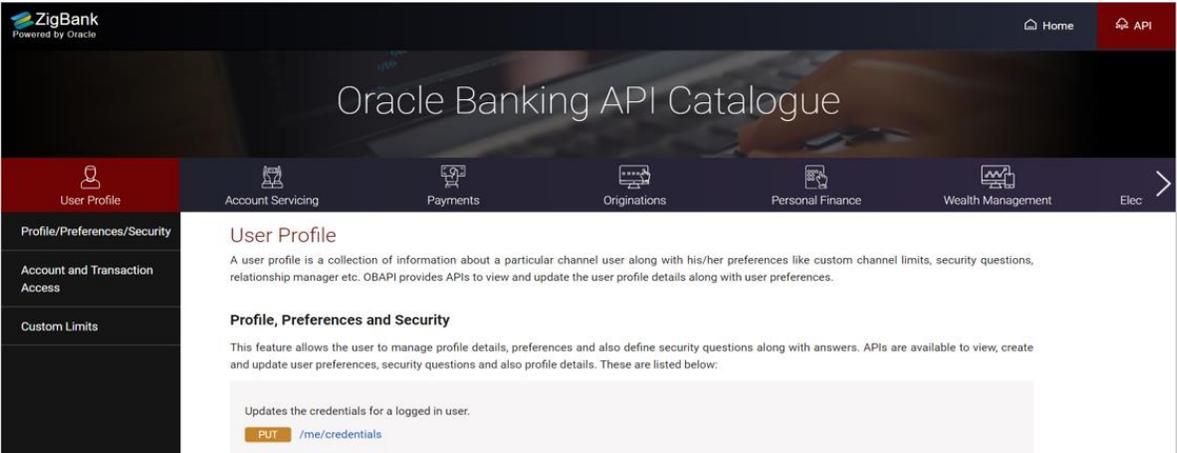


Outbound API Gateway(s)



- Inbound
  - Exposing bank's APIs
- Outbound
  - Consuming external APIs
- Internal
  - Internal APIs for enterprise usage

# Multi-Entity Platform to Derive Operational Efficiencies

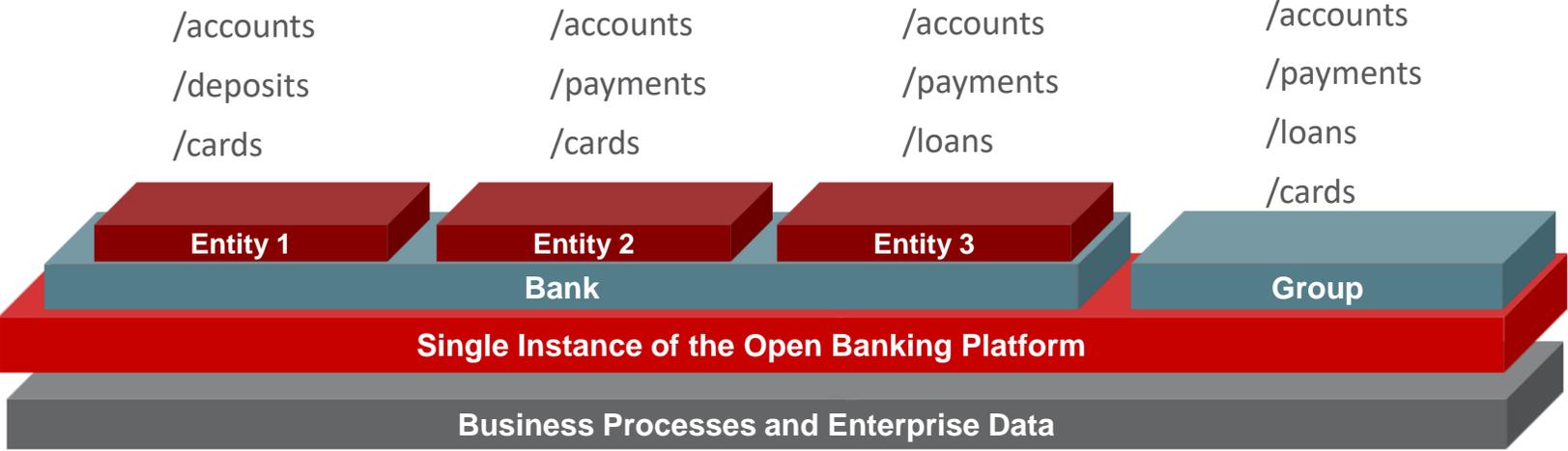


### Benefits to the Ecosystem Partner

- Everything in one place
- Easily scalable

### Benefits to the Bank

- Lower TCO
- Higher Efficiency
- Single point of administration



# Accelerate Open Banking with Oracle Banking APIs



Digital Experience



Business Partners



Corporate Applications



Developers

API Gateway / API Management / API Discovery / API Documentation

Open API Platform

## Oracle Banking APIs

Authentication	Authorization	Consent Management	Access Controls	Limits
MFA Rules	Approval Rules	Audit Logs	Access Point Management	Extension Toolkit

Accessibility of Data & Business Services



## Product Processors

Deposits | Lending | Payments | Cards | FX | Virtual Accounts | Trade Finance | Liquidity Management | Collections | Pricing | Revenue Management & Billing

# What does the platform deliver



- Business APIs
- Administration APIs
- Consent APIs
- Applicable scopes
- Demographic attributes
- Scope to Transaction(s) mapping via Roles
- Consent ID (Access Point + User + Scope + Transaction(s))
- Register/Delete Consent
- Applicable limits by Transaction / Transaction Group
- Linked to Access Point and User
- MFA related attributes
- Hook points for rule creation
- Mobile token, OTP
- Authentication
- Authorization and token management

## Potential Open Banking Use Cases

- Account Aggregation **C** **R**
- Personal Financial Insights **R**
- Payments from other banks **C** **R**
- Product recommendations **R**
- Aggregation of AP/AR **C** information
- Liquidity Gap reporting **C**
- Cash flow forecasting **C**
- Credit/Financing/FX offers **C**

**C** Commercial/Business **R** Retail/Consumer

# 'Deploy & Extend' as opposed to 'Build' is Faster and Cost Efficient

*The comparative cost effort to deploy an out of the box Open Banking Platform is much lower than building grounds up*

	Deploy & Extend	Build
API Repository	Available out of the box	<ul style="list-style-type: none"> <li>- Grounds up build (mostly from SOAP APIs into REST)</li> <li>- Limitations in back end services will necessitate further build</li> </ul>
Partner onboarding & customer journey flows (selective)	Pre-orchestrated flows	<ul style="list-style-type: none"> <li>- Effort to orchestrate flows</li> </ul>
Granular level consent management	Available out of the box	<ul style="list-style-type: none"> <li>- Effort to build</li> </ul>
Partner privileges, transaction controls etc....	Available as configurations	<ul style="list-style-type: none"> <li>- Effort to build on technology platforms</li> </ul>
Time to Market	Deploy and Test	<ul style="list-style-type: none"> <li>- Takes longer due to custom build</li> </ul>
Impact on Run the Bank	Isolates existing setup	<ul style="list-style-type: none"> <li>- Higher risk of impact on current operations</li> </ul>

# Key aspects of Oracle's Open Banking Platform that accelerates implementation of your API Strategy

**Ready APIs**

**Ready Documentation**

**Pre-built Flows**

**Ready Consent Module**

**Stand-alone and  
components based**

**Insulated from Existing  
Systems**

**& Open Banking Experience & Expertise**

# Integrated Cloud

## Applications & Platform Services

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