



# Szybka integracja aplikacji poprzez Rest Api oraz usługi Data As Service

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Cloud Data Integration Architect

# Agenda 1

1 Informatica Cloud Application Integration - wprowadzenie

2 Przypadki użycia CAI

3 Live Demo

4 Q&A

# Pioneering the Intelligent Data Management Cloud

ANY  
DATA



MULTI  
CLOUD



BATCH, REAL-TIME  
& STREAMING



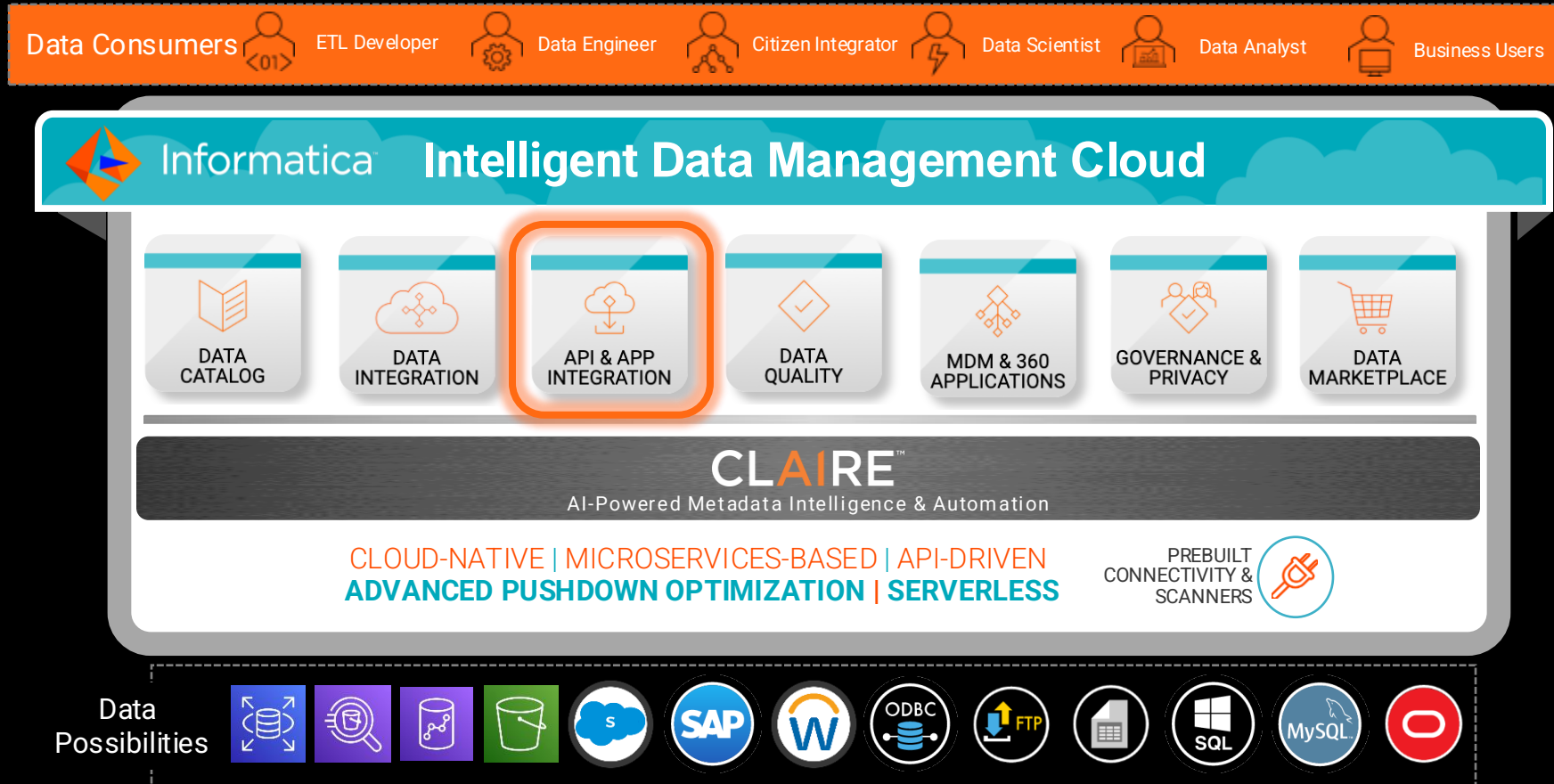
ANY  
DATA USER



# Informativa<sup>®</sup>

# Informatica Intelligent Data Management Cloud

Manage, govern and unify your data on a single platform



# Cloud Application Integration

## Start Event

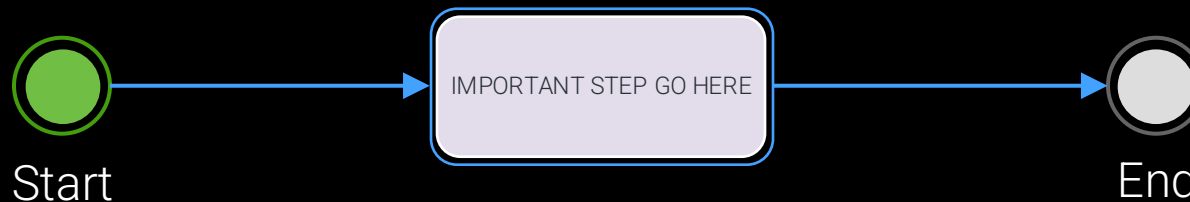
- Dequeue Message
- File Event / Read
- HTTPS request
- Salesforce OBM

## Business Logic

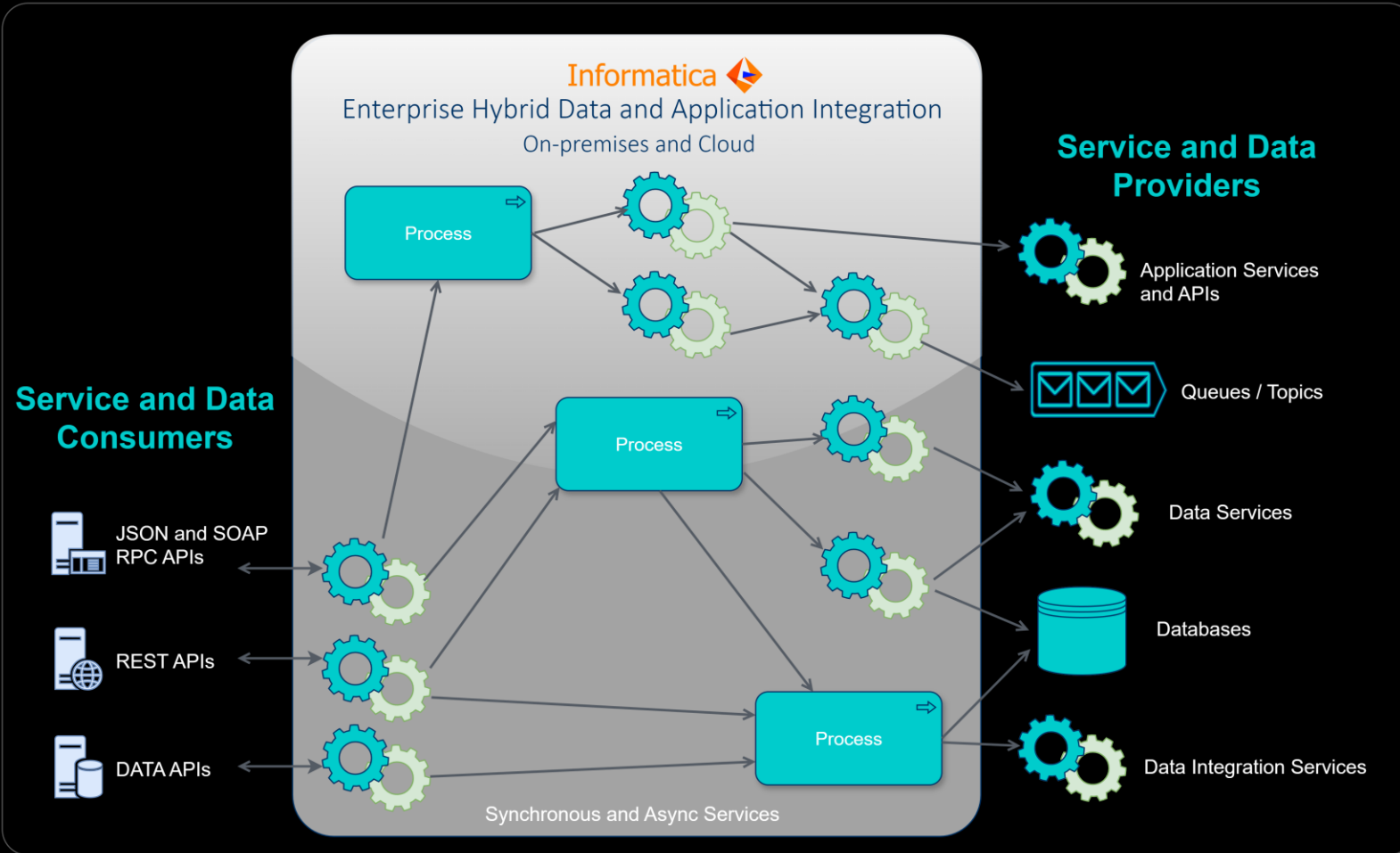
- Call another API
- Call subprocess
- Decision logic / loop
- Read/write to DB

## End Event

- Enqueue Message
- Write Files
- HTTPS response
- Throw Error



# Informatica Intelligence API Platform



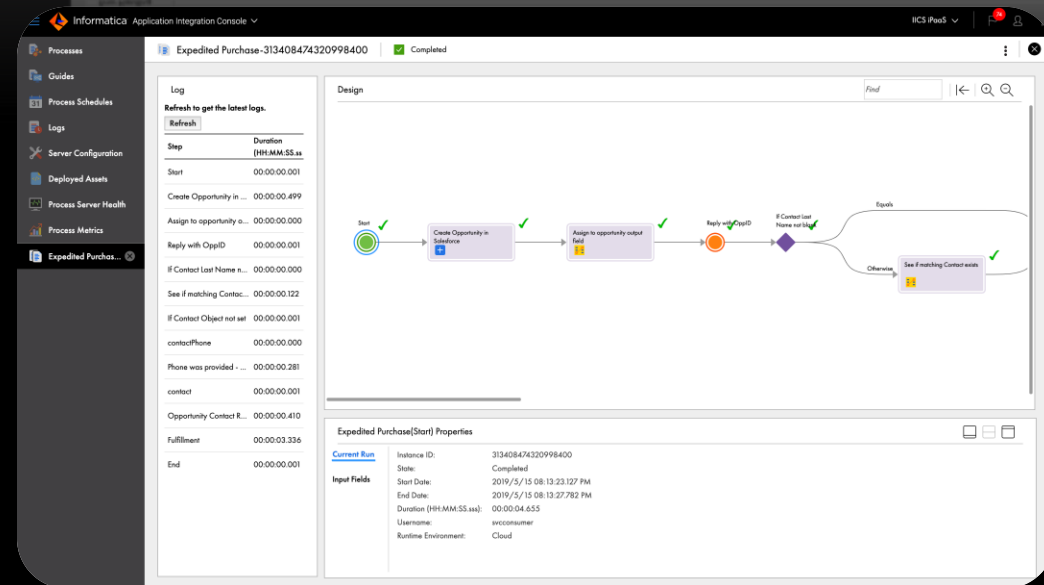
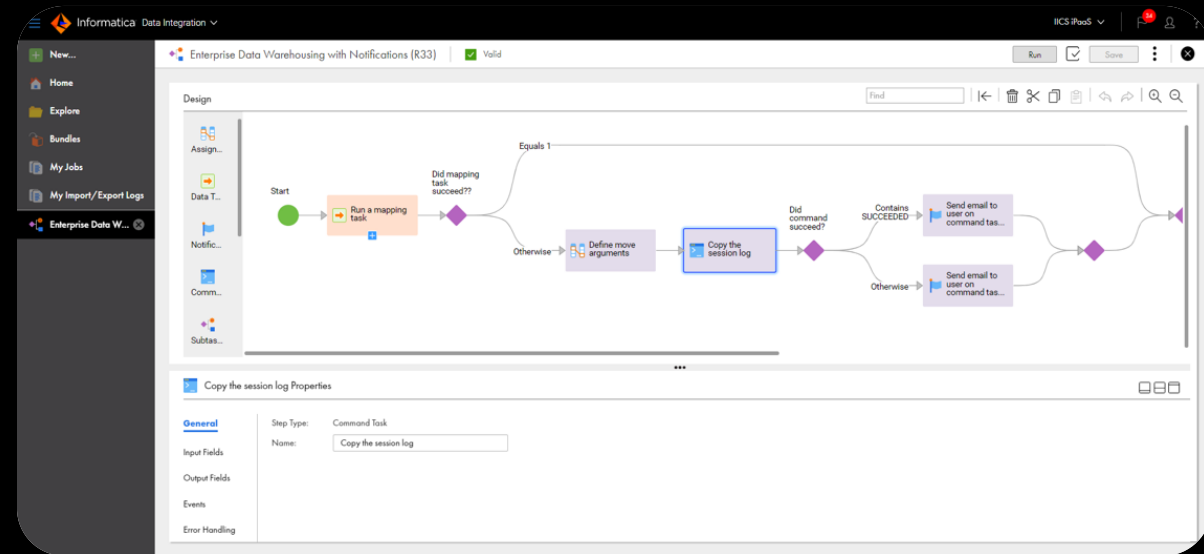
- ✓ Hybrydowa (On-premise lub/i Cloud) platforma zarządzająca szeroko pojętą integracją danych
- ✓ Umożliwia tworzenie procesów integracyjnych przy zastosowaniu techniki Low Code / Codeless
- ✓ Bogaty zestaw konektorów zapewnia realizację dowolnych scenariuszy integracyjnych

# Application Integration

API-based real-time app integration across partners & customers

Easily design, create & publish APIs integrating cloud apps

Automate business processes that span applications



# Cloud Application Integration

## Multi Protocol API-based Integration Capabilities

Orchestration, Processes and Guided Workflow

### API Provider

SOAP, REST/XML, JSON, OData

### API Consumption

Service Connector: SOAP, REST/XML, REST/JSON

SQL Data and Stored Procedures: Data Access Service

Java API: POJO

Salesforce: Apex Services

### Connectivity

Forms-based Connector: Service Connector

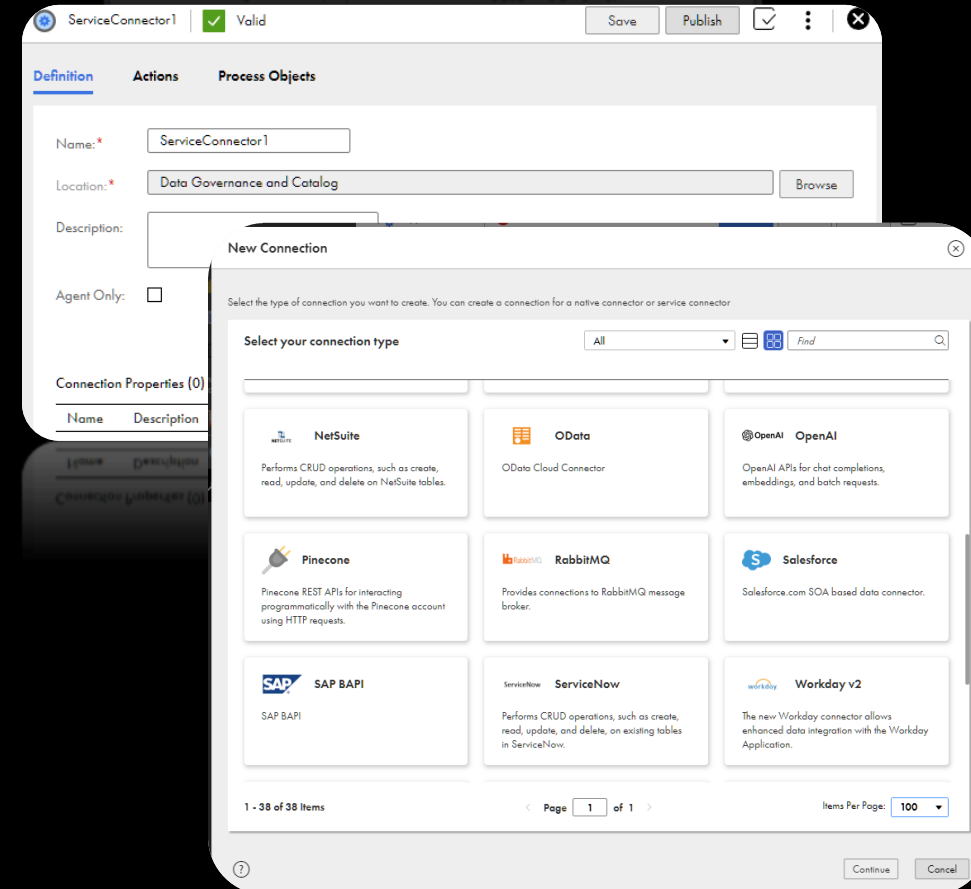
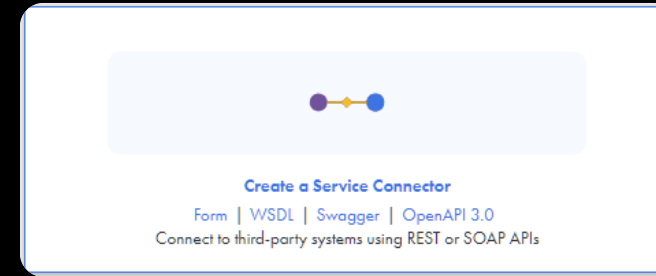
JDBC, OData, SAP Table Reader, SAP BAPI, Workday and NetSuite

### Messaging

JMS, AMQP, Azure Message Bus, AWS SNS/SQS

### File Content Listeners

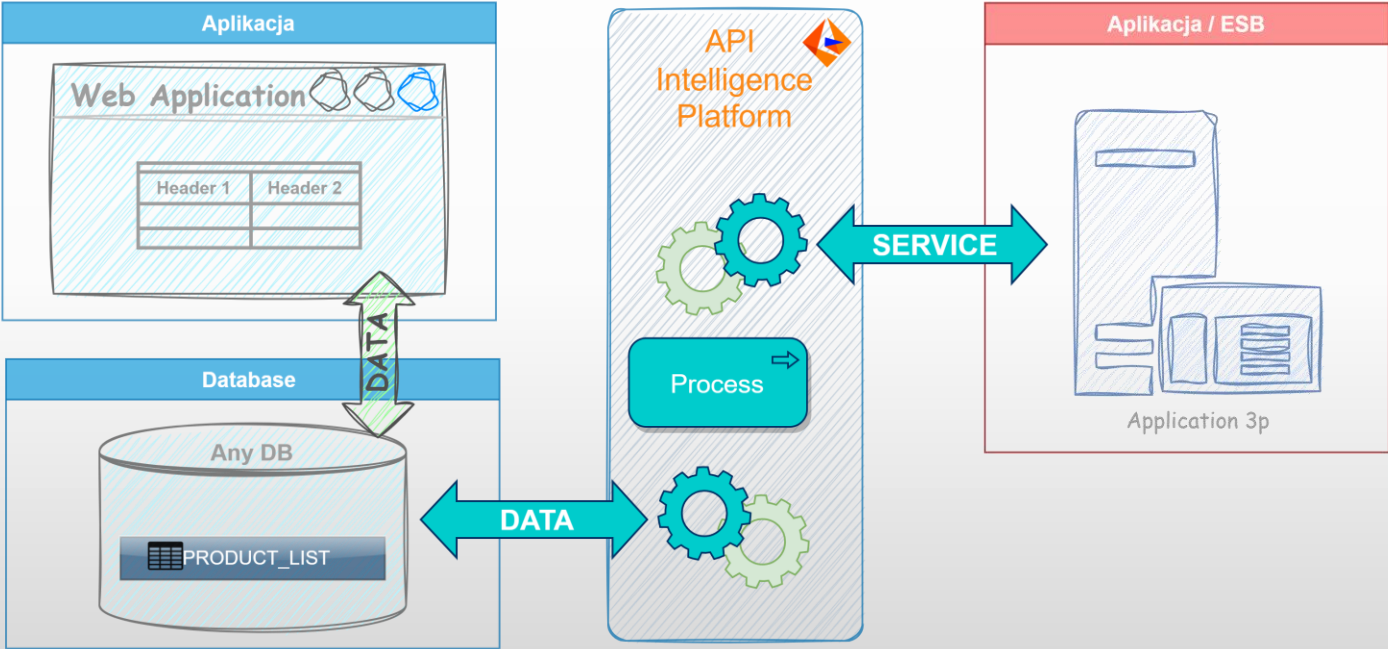
File system, S3, FTP/s





# Prezentacja przykładów użycia

# Odczyt i zapis do baz danych jako usługa



Dane jako usługa

# Odczyt i zapis do baz danych jako usługa

The screenshot displays the Informatica Application Integration Designer interface. The main workspace shows a process flow starting with a 'Start' node, followed by a 'Product Select' task, a 'Result and Response' task, and an 'End' node. A 'Database' component is connected to the 'Product Select' task, and an 'Intelligence Platform' component is connected to the 'Result and Response' task. The 'Intelligence Platform' component contains a 'Products-DaaS' service with three methods: 'Insert\_Product', 'Update\_product', and 'Select\_Product'. The 'Product Select' task is configured with the following properties:

- ✓ **Service Name**: Connector-DB
- ✓ **Service Type**: Process, System Service
- ✓ **Binding**: Rest, Soap, Event
- ✓ **Allowed Groups**: None
- ✓ **Action**: Method provided by

The 'Result and Response' task is configured with the following properties:

- ✓ **Name**: „Field A = Rows”
- ✓ **Assignments**: Select, Update, Insert

The 'Database' component is configured with the following properties:

- ✓ **Database**: Any DB
- ✓ **Table**: PRODUCT\_LIST

The 'Intelligence Platform' component is configured with the following properties:

- ✓ **Service Name**: Products-DaaS
- ✓ **Connector-DB**: Connector-DB
- ✓ **Methods**: Insert\_Product, Update\_product, Select\_Product

# Odczyt i zapis do baz danych jako usługa

The screenshot displays the Informatica Application Integration Designer interface. The main workspace shows a process flow starting with a 'Start' node, followed by a 'Product Select' service, which is connected to a 'Database' component containing an 'Any DB' with a 'PRODUCT\_LIST' table. A 'Service' palette on the left contains various actions like 'Assign...', 'Service', 'Subpro...', 'Human...', 'Create', and 'Receive'. A 'Products-DaaS' configuration window is open, showing a list of actions and their SQL bindings.

**Products-DaaS** Valid

Definition Actions Process Objects

▼ Actions (4)

Action Name	Action Type	Description
Insert_Product	General	Dodaj nowy produkt do bazy
Update_Product	General	Aktualizacja produktu w bazie
Select_Product	General	Pobierz jeden produkt na podstawie kodu
List_Products	General	Pobierz listę produktów dla danego typu

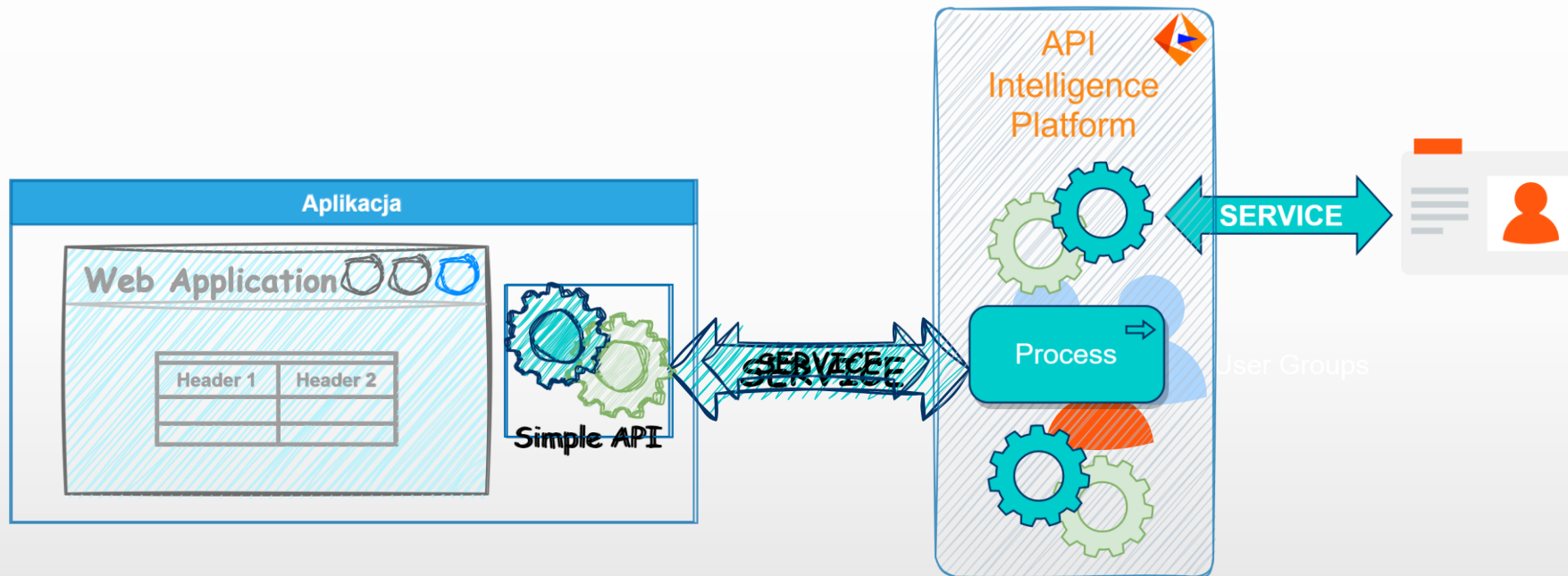
Action Input SQL Binding Output Test Results

SQL (1)

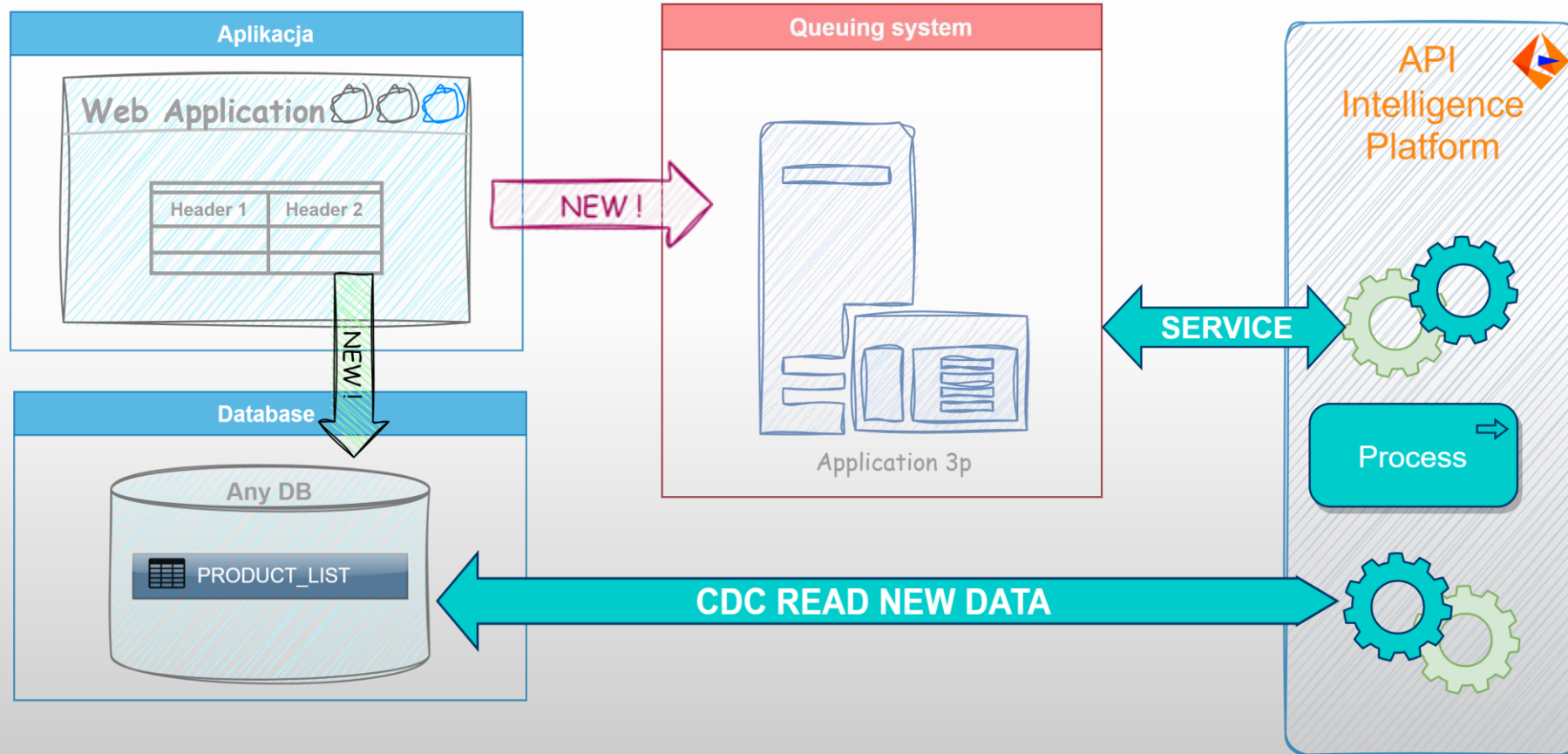
Name	SQL Query	Column Case	Type	Has Result Set	Maximum Rows	Max Wait
SQL Select	select product_name from products where product_code={SP...	Lowercase	Data Manipulat...	<input type="checkbox"/>		

Include Tables: Enter the names of the tables that need to be included in the query response. Use a comma to separate multiple table names. You can use '\*' for pattern matching. products

# Integracja API to API



# Event-Driven API - propagacja danych Master



# Intelligence Cloud Data Platform

## Zalety rozwiązania

- ✓ 30 lat lider na światowym rynku rozwiązań integracji danych
- ✓ Platforma CodeLess / No-Code
- ✓ Szeroki zakres integracji: Bazy danych, Aplikacje – dowolne scenariusze integracji
- ✓ Krótki czas implementacji - 3 do 6 miesięcy (MVP)
- ✓ Wysoka wydajność i skalowanie rozwiązania
- ✓ Elastyczna architektura platformy – On-premise, Hybryda, Cloud, Data Mesh
- ✓ Pełne wsparcie polskiego dostawcy – [Integral Solutions](#)

# Where data & AI come to

