

Architettura IT orientata alle API

Agenda

1

Sfide / Why

2

**API Solution
Architecture**

3

**API Architecture
for Enterprise
Layers**

4

**API Portfolio
Architecture**

5

**API Platform
Architecture**



1

Sfide - Why



**Nuovi Prodotti
e Servizi
(time-to-market)**



**Multicanalità
e flessibilità**



**Ecosistema
di Partner**



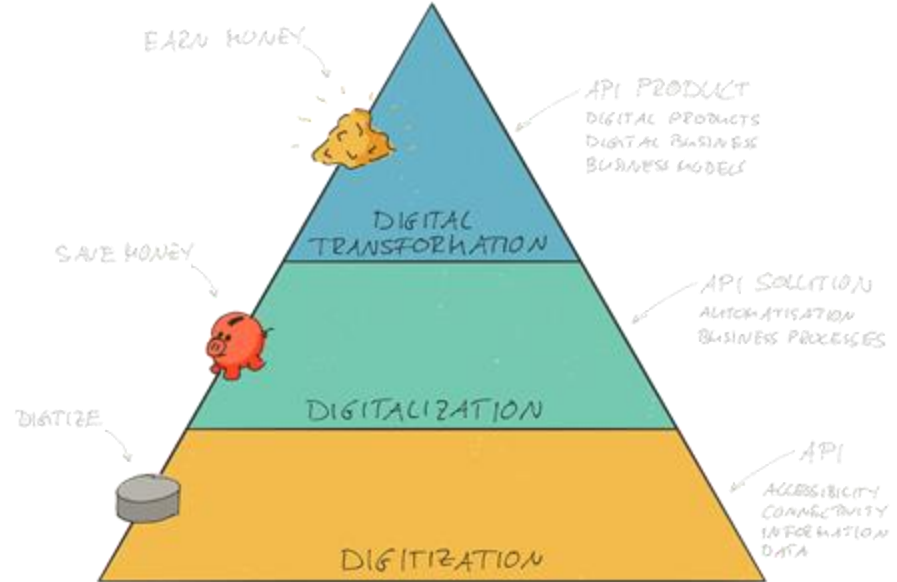
**Nuovi modelli
di Business**



**Digital
Transformation**

1

API in relazione con la Digital Transformation



(**) Medium.com - What is Digital Transformation, Digitalization, and Digitization - **Amancio Bouza**

2

API Solution Architecture



2

API Solution Architecture



**Enterprise /
Integration**



**Cloud / Headless
Systems**



**Smart TV / Alexa /
new Devices**



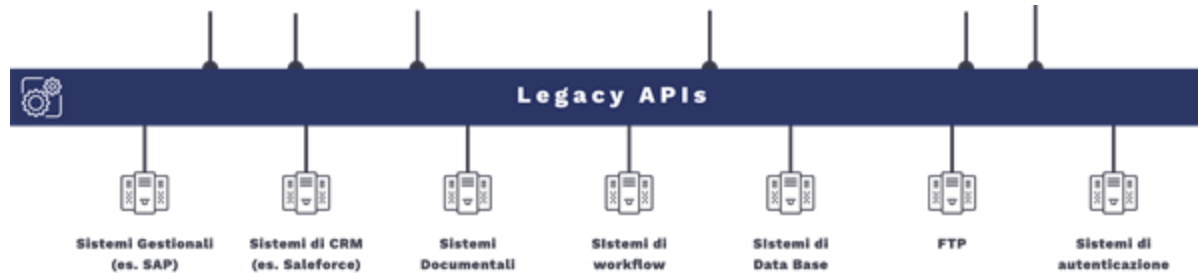
IOT

3

API Architecture for Enterprise Layers

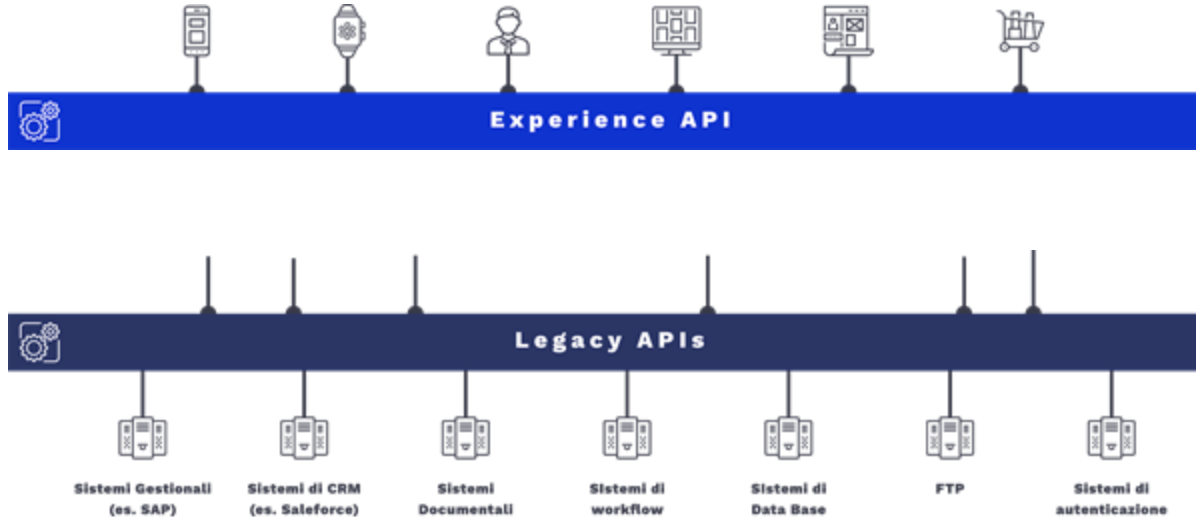
API Architecture for Enterprise Layers

3

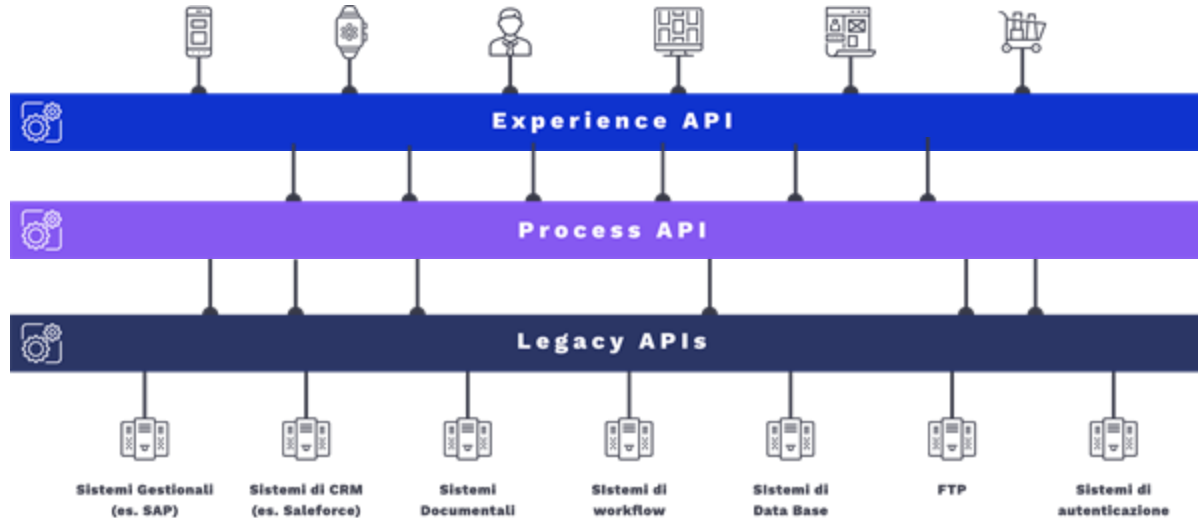


API Architecture for Enterprise Layers

3



API Architecture for Enterprise Layers



4

API Portfolio Architecture

API as a PRODUCT

4

API Portfolio Architecture

API as a PRODUCT

API Stakeholders

- **API Provider**

- a. Product Manager
- b. API Architect

- **API Customer**

- **API Consumer**

(developer)

4

API Portfolio Architecture

API as a PRODUCT

API Portfolio Design Requirements

- **Approach**

“Inside OUT”

vs “Outside IN”

- **Consistency**

- **Reuse**

- **API Evolution:**

change management
and versioning

5

API Platform Architecture

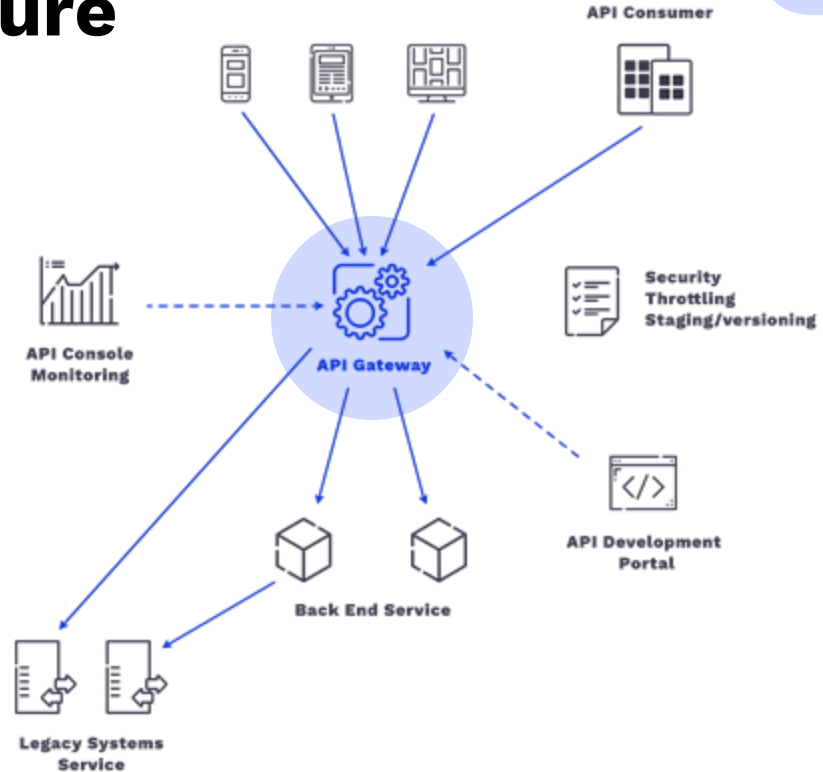
API Management

5

API Platform Architecture

API Management

- Run Time Platform (API gateway)
- Development Portal
- Configuration console
- Monitoring console
- (Billing management)



Recap

API Architecture dal punto di vista:

- Delle **soluzioni**
- Dei **layer applicativi**,
nel contesto Enterprise
- Del **portfolio delle API**
- Dei **sistemi di API Management**

**Digital
Transformation**

è

API Driven

Grazie

Paolo Quaglia

