



Zoppas: governare le performance produttive con Liferay IoT Experience

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#RedHatOSD



Zoppas Industries

Heating Element Technologies

SIPA

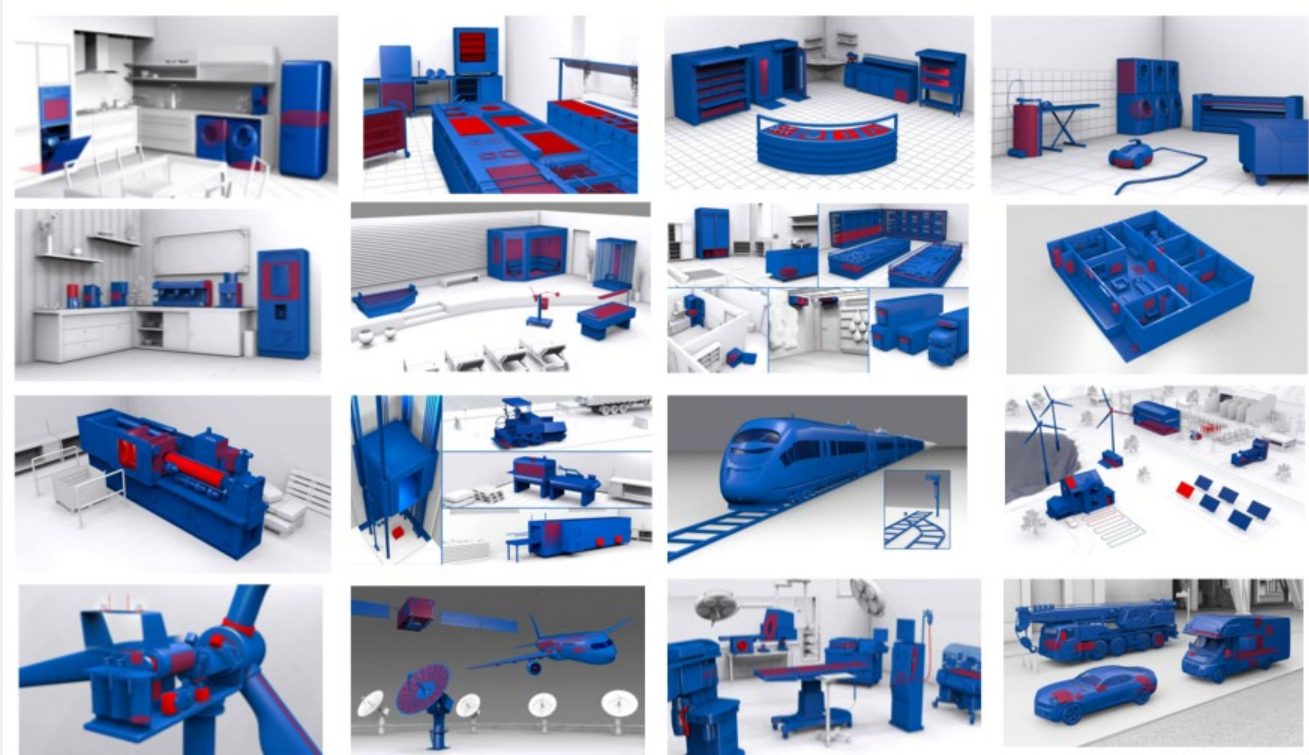


HEADQUARTER



ZOPPAS INDUSTRIES Heating Element Technologies

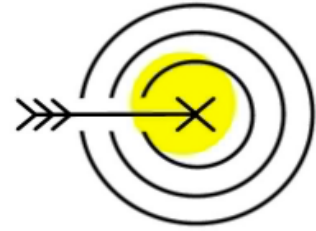
PRODUCTS & APPLICATIONS



SIPA, lo specialista del PET. Soluzioni per il packaging dalla A alla Z.



Top 10 Strategic Technology Trends for 2018



Intelligent



AI Foundations



Intelligent Apps and Analytics



Intelligent Things

Digital



Digital Twins



Cloud to the Edge



Conversational Platform



Immersive Experience



Mesh



Blockchain

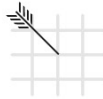


Event-Driven

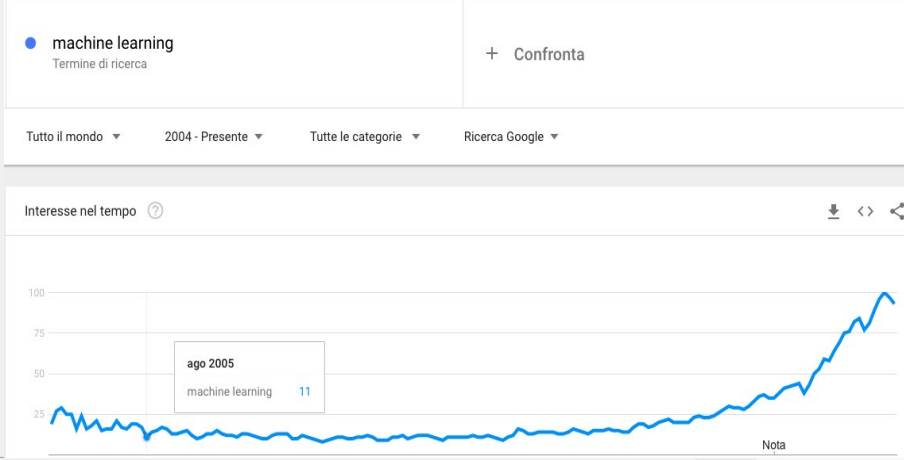
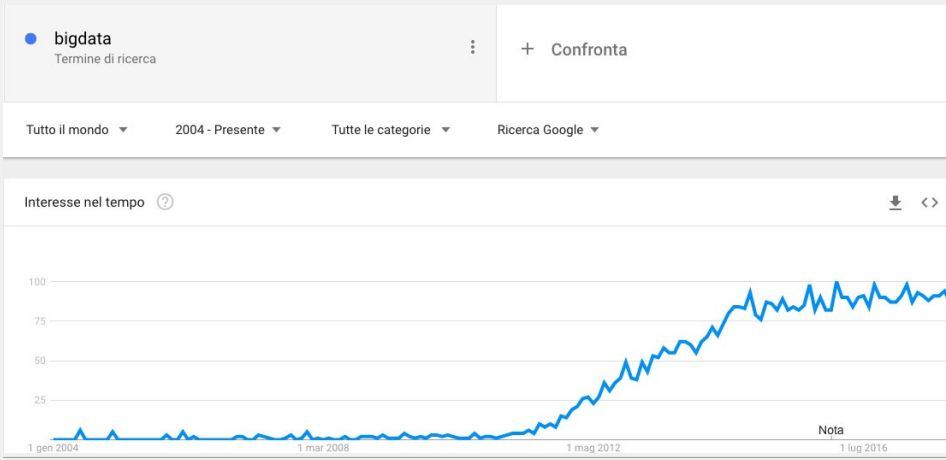
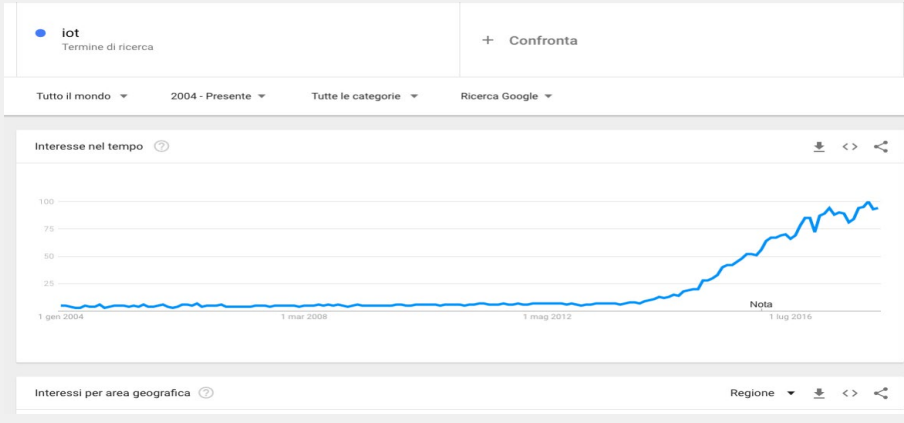
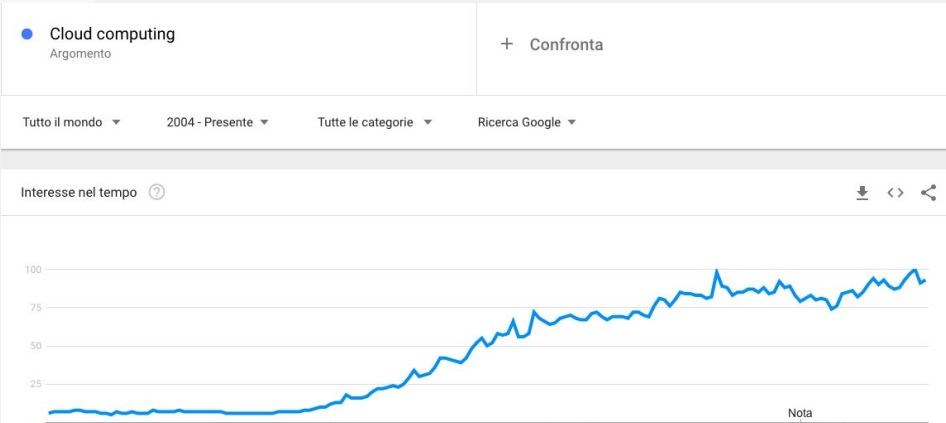


Continuous Adaptive Risk and Trust

Gartner



ENABLING TRENDS & RELATED SKILLS

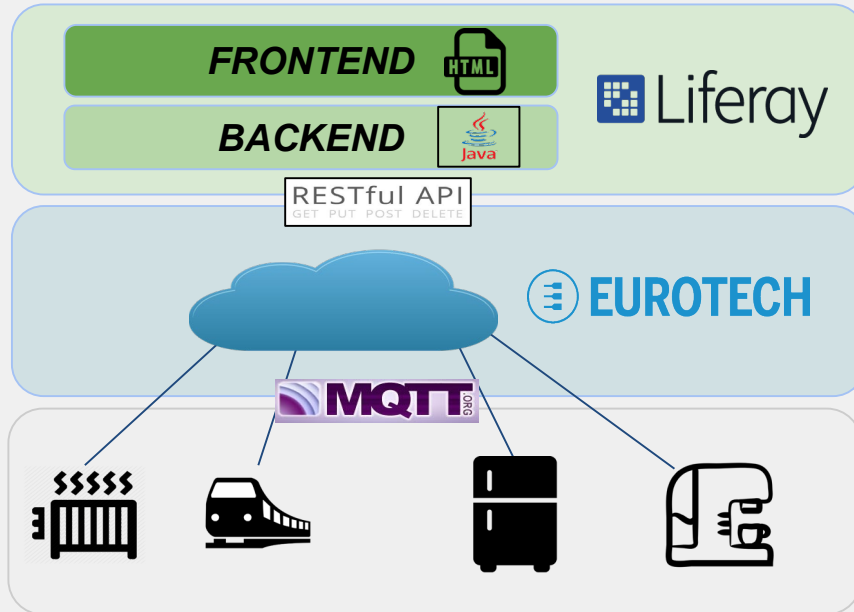


SERVICE PARTNER
PLATINUM



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*Server Side generated
Front-end,
Data elaboration,
Account and
Authentication*

*Broker MQTT,
Bigdata repository
REST API interface,
Device authentication*

*Connected things with
MQTT protocol*

OBIETTIVO DOPPIO, SVILUPPO PRODOTTO E CRESCITA SKILL



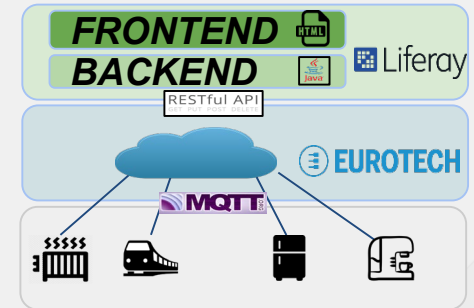
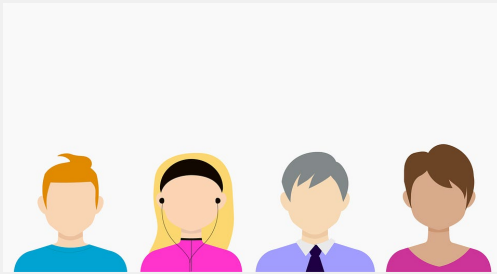
CONNETTENDO

Connecting your devices, understanding your business

Digital Skills
Cross Functional
Partner Ecosystem

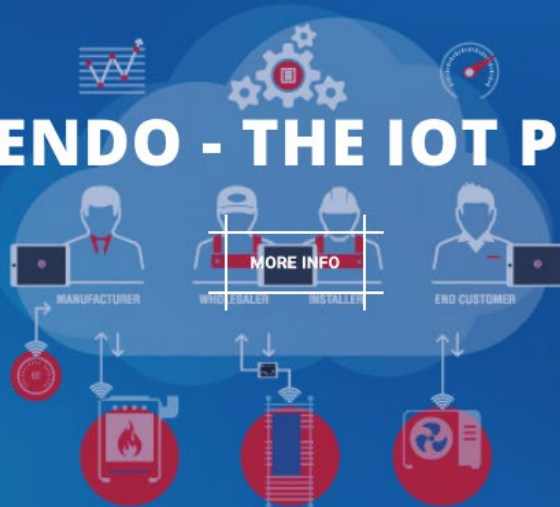


IOT Platform



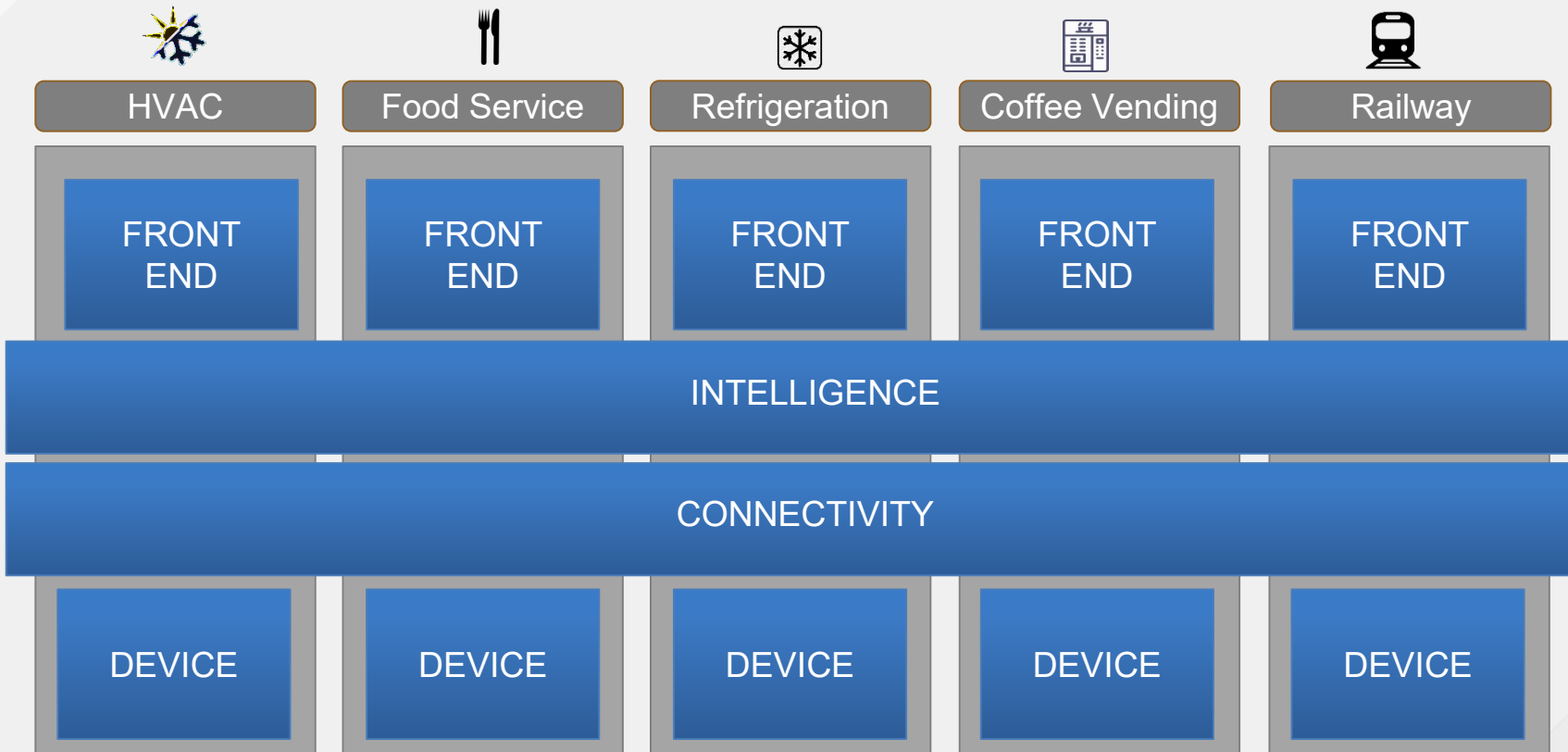


CONNETTENDO - THE IOT PLATFORM



ZOPPAS INDUSTRIES LAUNCHES CONNETTENDO IOT PLATFORM AT MCE INTERNATIONAL EXPO

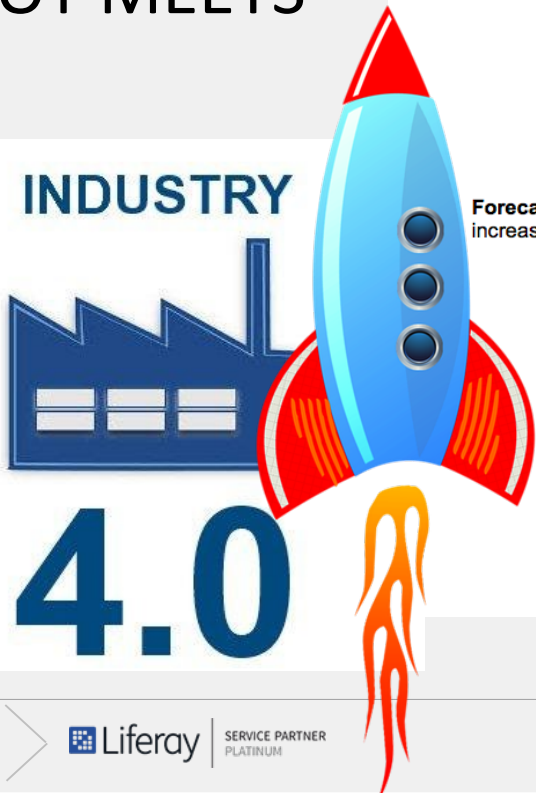
BUSINESS VERTICALS



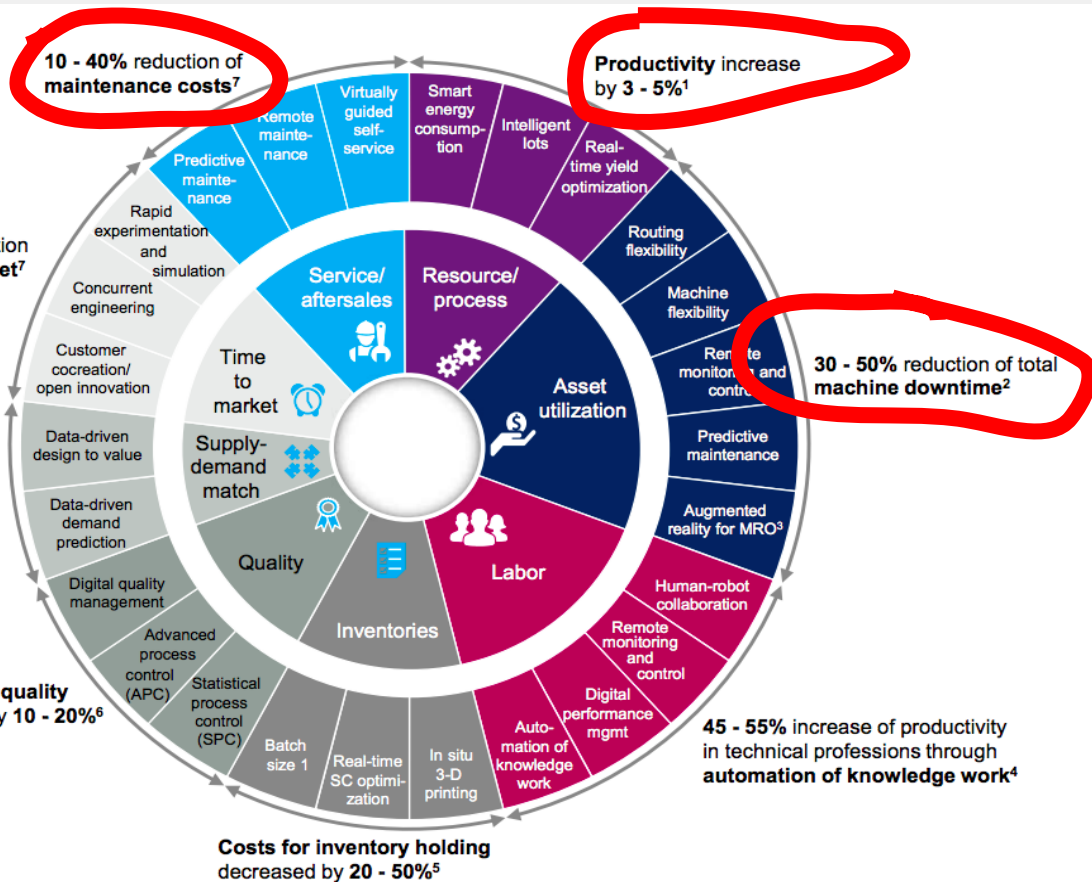
IOT MEETS

INDUSTRY

4.0



Forecasting accuracy increased to 85+⁵





Linea NPL72

Map / ZIR - IRCA / Linea

Laminatoio di formazione 68478



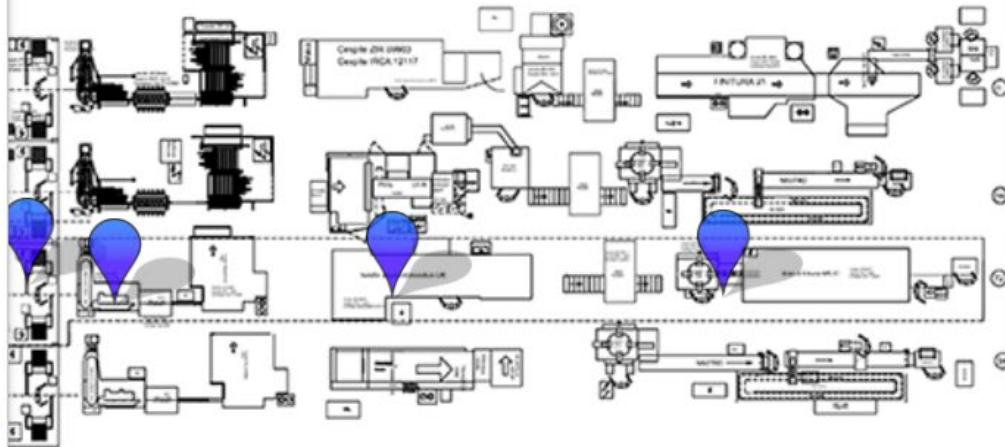
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WORKING

ODL: **1001057338** Good: **16**

Meters OK: **2500** Scraps: **0**

Dashboard



WRAP UP

IOT strategic view for Zoppas Industries

Industry 4.0 enabled by IOT the way for Production excellence

Skills are key, cross function, scarce, disperse. (do partnership)

Investment requested are High and results not always fully clear

Let's do a Project in steps "AGILE Helps"

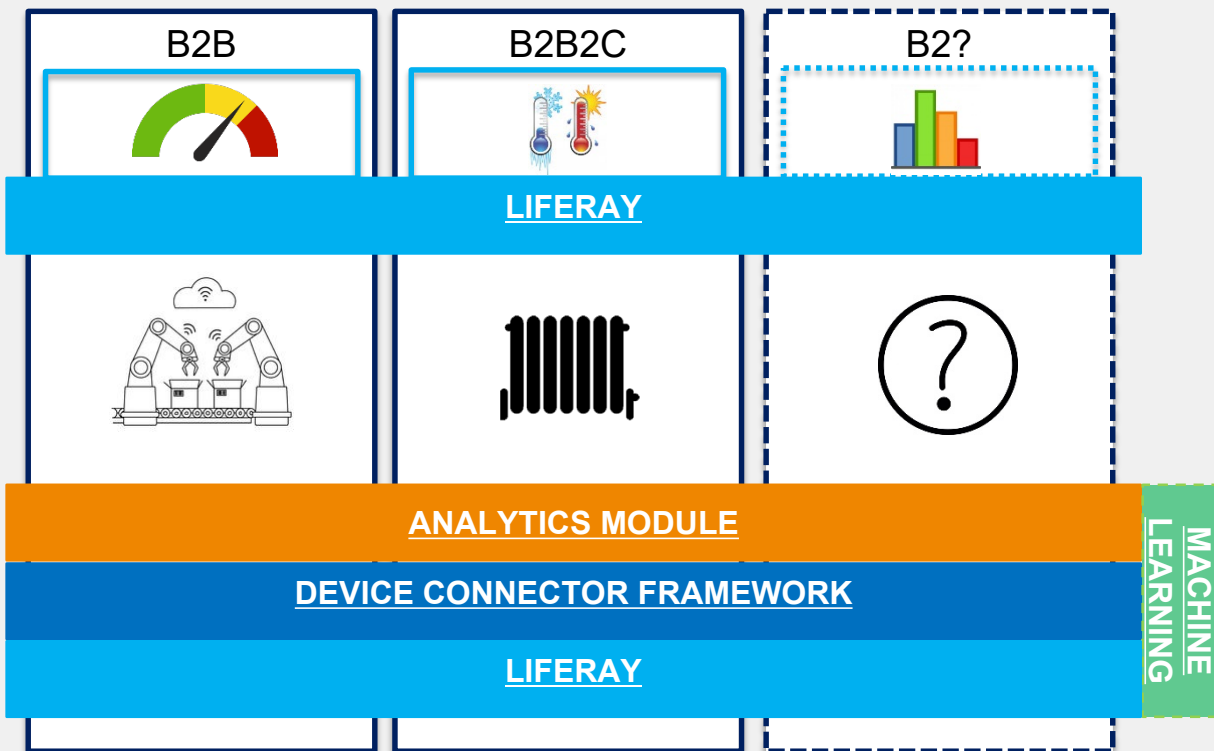


LIFERAY IOT EXPERIENCE - VISION

E' una piattaforma general purpose nata con l'obiettivo di facilitare le attività di analisi del dato.

- Fornire informazioni semplici
- Fornire informazioni complesse
- Correlare i dati con sistemi terzi
- Correlare i dati con il mondo esterno
- Fornire delle analisi predittive alle aziende

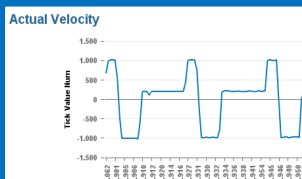
LIFERAY IOT EXPERIENCE - VERTICALS



LIFERAY IOT EXPERIENCE – ANALYTICS LAYER

ANALITICHE DI BASE & ANALITICHE AGGREGATE

METRICHE
SEMPLICI ED
AGGREGATE



DATI DI CONTESTO

- ERP
- CONTEXT DB
- LEGACY SYSTEMS
- ...



DATI DI CAMPO



BUSINESS INTELLIGENCE

ANALISI BI



DATI DI CONTESTO



DATI DI CAMPO



ANALISI PREDITTIVA

ALGORITMI
PREDITTIVI



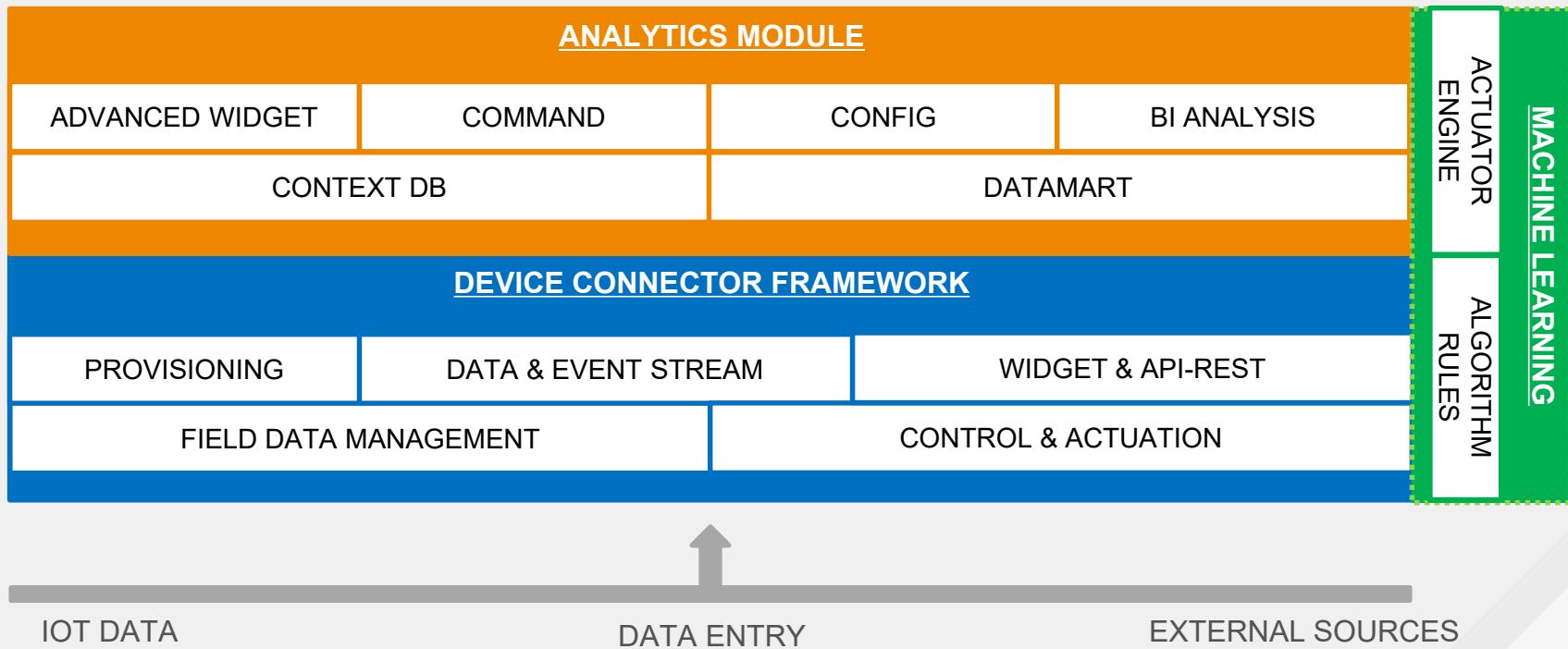
DATI DI CONTESTO



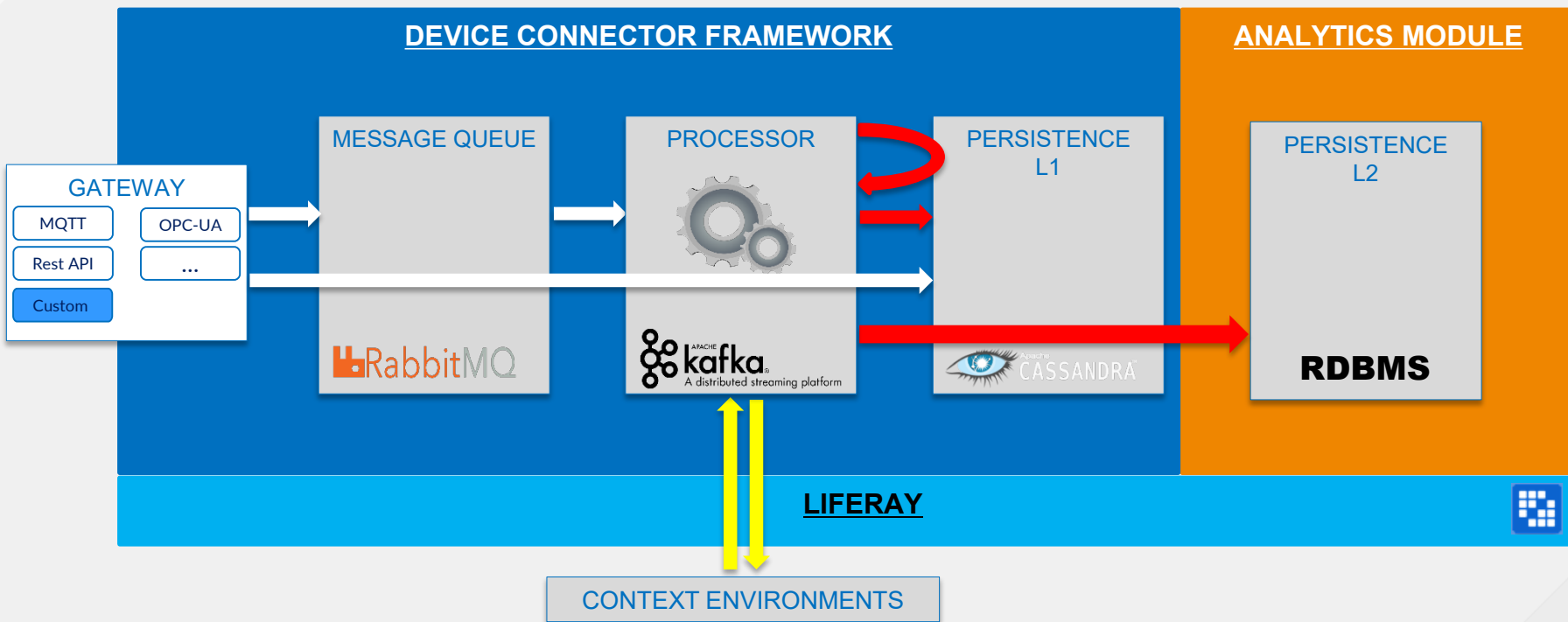
DATI DI CAMPO



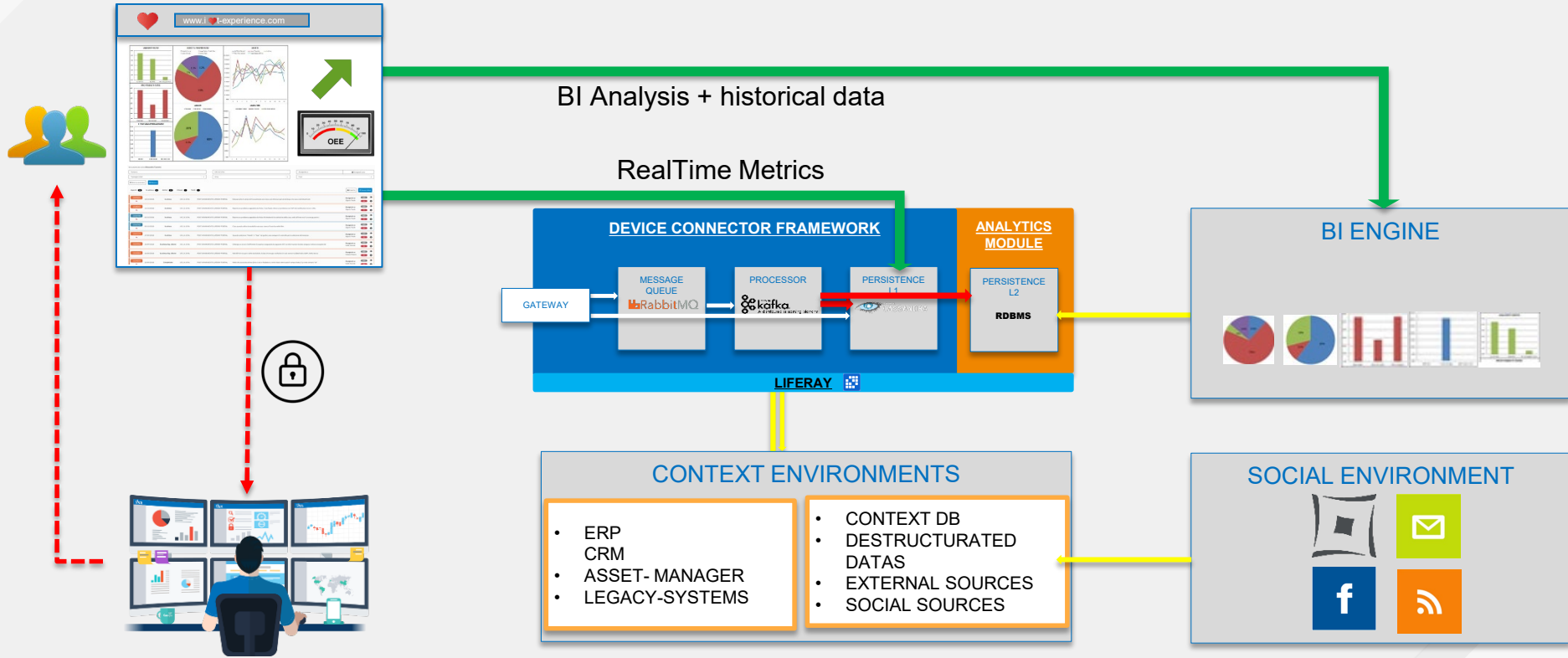
LIFERAY IOT EXPERIENCE - LAYERS



LIFERAY IOT EXPERIENCE - FLOW



LIFERAY IOT EXPERIENCE - FLOW



LIFERAY IOT EXPERIENCE - KEYWORDS

- LIFERAY IOT EXPERIENCE É UNA PIATTAFORMA CHE UTILIZZA PRODOTTI OPEN SOURCE
- LIFERAY IOT EXPERIENCE É UNA PIATTAFORMA GENERAL PURPOSE
- LIFERAY IOT EXPERIENCE PUO' ESSERE IMPLEMENTATA IN **QUALSIASI ARCHITETTURA**
 1. *PUÒ ESSERE EROGATA IN MODALITÀ DEDICATA/MULTITENANCY*
 2. *ON PREMISES/CLOUD*
 3. *VIRTUAL MACHINE/CONTAINER*
 4. *FRUIZIONE MODULI IN MODALITA STANDARD/AS A SERVICE*
- IMPLEMENTAZIONE MODULARE (Karaf)
- SCALABILITA VERTICALE/ORIZZONTALE
- FACILMENTE INTEGRABILE CON SISTEMI TERZI



GRAZIE PER L'ATTENZIONE

ALVISE FONTANA – ZOPPAS INDUSTRIES IT & INNOVATION ADVISOR
ALESSANDRO FAVRETTO – SMC DIGITAL TRANSFORMATION MANAGER



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