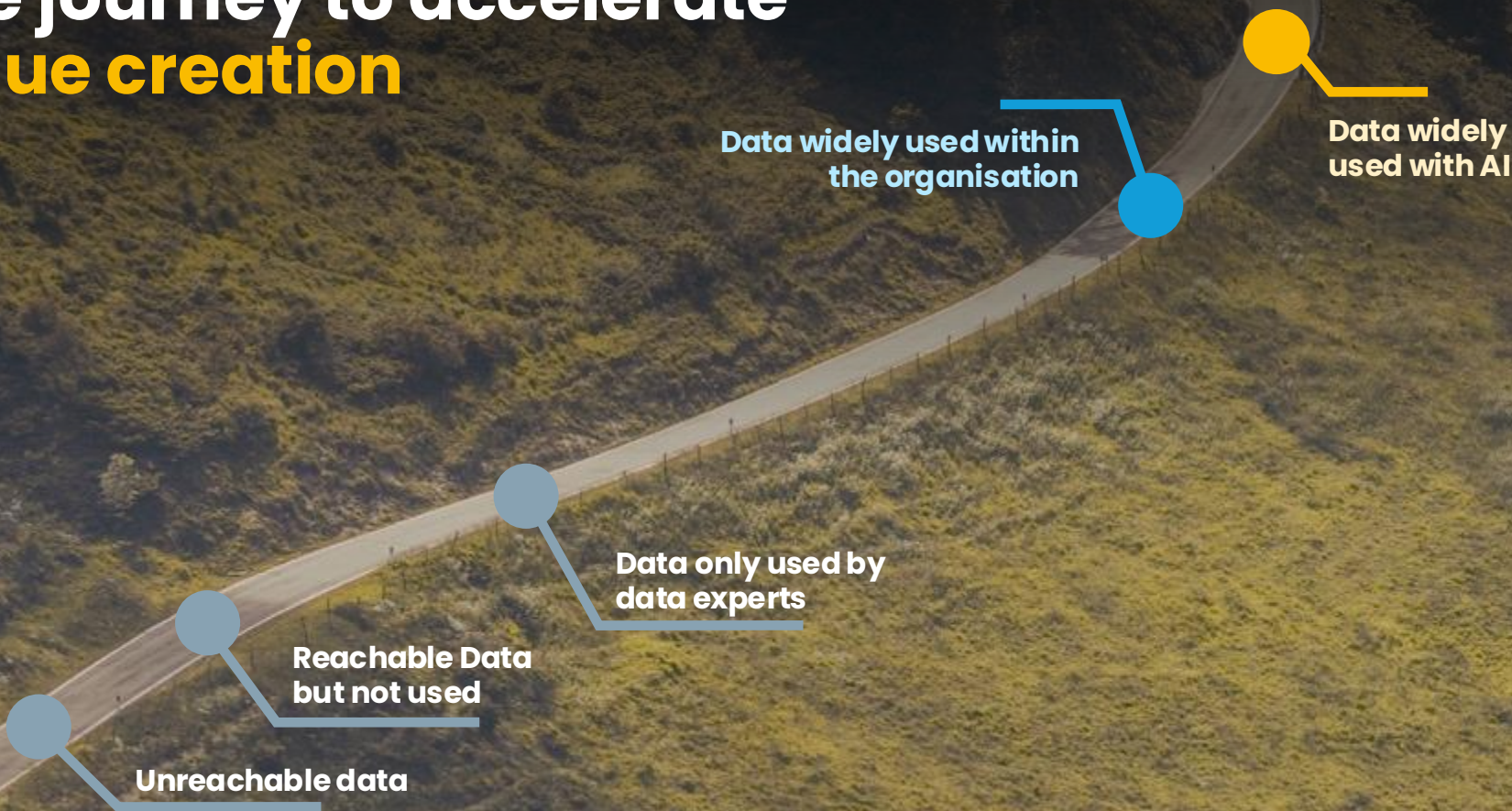




Optimistik

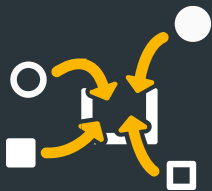
Data at the core
of every plant,
every team,
every operation

The journey to accelerate value creation



Situation

Companies underuse data and miss opportunities...



Finding #1
**Data not easily
accessible**

Spread across many systems
Uncaptured “paper” data
Hard to get in real time



Finding #2
**Data poorly
organized**

No context (assets, events, traceability...)
Hard to merge heterogeneous sources
Teams work in silos



Finding #3
**Data used by few
people**

OT, IT experts overloaded
Hard to combine data and process expertise
Poor UX/UI in existing tools

Our **All-in-One** Solution

For Manufacturing Performance Intelligence

Capture Data

OT Systems

IT Systems

IoT Systems

Open Data

Manual Input

Organize Information



Data Exchange



Data Contextualization and Storage with ontology



Time Series Data



Event Context



Traceability Context



Asset Context



Genealogy Context



Vectorial Data

Capture Knowledge Extract Insights



Dashboarding and Reporting



Advanced Analytics Apps



Integrated Business Apps



AI and Python Deployment Tools



AI Powered Industrial Assistant



Data Exploration Assistant

Deliver Performance



Productivity



Raw Material Yield



6 sigma and Process Control



Asset Performance



Energy Efficiency



Compliance



Product Quality



Water Consumption



Management and Communication



Environmental Footprint





Integrated Apps for a wide range of users



Field operators and technicians,
engineers, management, data experts...

...from Production, Process, Maintenance,
QHSE, Operational Excellence...



Dashboarding and Reporting



Integrated Business Apps

All Business Apps available
as module in Dashboarding
and Reporting



OEE and
Production Loss



Shift Logbook and
Instructions



Statistical Process
Control



Forms



Animated
Synoptics



Advanced Analytics Tools

Guided workflow to answer
common troubleshooting
and improvement
questions.

**Influence and
optimization analysis**

Comparison analysis

**Common cause of failure
analysis**

**Statistical Process
Control and Capability
analysis**



AI deployment Tools

Python code deployment
tools with full lifecycle
management for an infinite
range of use cases.



Data Exploration Assistant

Python based data
processing powered by LLM
technology and leveraging
the data contextualization to
accelerate data exploration.



Apps to enable AI for a wide range of users



Advanced Analytics Tools

Operational AI Guided workflows

AI-powered industrial assistant helps answer typical questions (troubleshooting, comparison, influence, optimization) within structured workflows.



Production Technicians,
Production and Process
Engineer, Operational
Excellence team...



Data Exploration Assistant

Exploration AI LLM-assisted analysis

Data Exploration Assistant: Python-based processing powered by LLM technology, leveraging contextualization to accelerate exploration.



Engineers, Data analyst,
Operational Excellence
team...



AI deployment Tools

Production-grade Python Model deployment

Python code deployment tools with lifecycle management to operationalize models (predictive maintenance, quality, optimization, real-time recommendation...).



Data scientist and
advanced users



A proven **Business Value** Verified Value Delivery study

Through customer interviews and market research, Verdantix concluded that Optimistik's industrial data management, analytics & AI solution has the following financial and strategic impacts.

Strategic benefits



C-Suite

Centralized analytics accelerate digital transformation and growth.



Plant Manager

Data-driven decisions boost productivity and operational resilience.



Engineer/Data Scientist

Faster AI deployment drives predictive insights and performance gains.



Technician

Better insights boost operator consistency and first-time fix rates.

Financial benefits



384%

Return on Investment (ROI)
over 3 years



\$10.9M

Net Present Value (NPV)
over 3 years



\$17.8M

Total Benefits
over 3 years

Based on a model organization in Process Manufacturing with 10000 employees, \$4B revenue, 25 sites located in the US. Verified Value Delivery study for Optimistik by Verdantix - 2025.



Fast and Wide adoption

Context-first solution

Ontology and governed KPIs align teams on definitions and audit changes over time.

Autonomy for faster time-to-value

Users configure analytics and apps themselves thanks to the no-code approach— less dependency on scarce IT, OT or Data experts.

Unique environment shared by all

Supports operational users, analysts and data scientists within the same environment and contextualized foundation.

Edge-to-cloud data exchange

Secure, reliable ingestion across OT/IT/IoT standards, tightly integrated with OIAalytics.

Head of the Industry 4.0 Clay Product Manufacturing

« Starting with a proof of concept in 2022, we reached full deployment in early 2024 and **scaled to 11 sites within a year**, integrating external data sources and managing over 10 million data points daily with a lean two-person team »

Operations Manager Chemical Manufacturing

«The real payoff comes from scale. Once the data foundation was in place, **every now use case from quality to maintenance delivered faster returns and measurable savings** »

IT Product Line Manager Mining & Metals

« Adoption was quick once people saw its value. **The platform is intuitive and open to everyone**, not only data scientists. Data democratization has been key to engagement across the company »

A wide recognition within the industry

ADISSEO
A BENTLEY COMPANY

AxelOne

edf

PdL

SNCZ
S. A. DE INVESTIMENTOS

ADM

Axens

Elkem

PdV

SOPREMA

AFYREN

Berry

eramET

PEARL
Infrastructure Capital

STELIA

alteo
SMART ALUMINUM

biowanze

ETRIA
Your Digital Global Partner

PRODEVAL
THE PRODEVAL TECHNOLOGIES

SULO

Applexion
liquid purification

BISCUIT
INTERNATIONAL

HRS

Refresco

TERREAL

Aij
AJINOMOTO

BRIDOR

MECAWARE
Realizing the better future

SANOFI

TotEnergies

ARKEMA

SOMERLUX

NEOTISS
Next Performance Tissue

SAVENCIA
FRAGRANCE & CARE

Trédi
local global solutions

ARMOR
FOODS - FIBERS - POLYMER - SPECIALTIES

DANONE
ONE PLANET - ONE HEALTH

orano

SECANIM
SABIA

Ugitech



Chemical Industry



**Mining, Metallurgy
and Materials**



Food and Beverage



**Pharma
and Biotech**



**Energy, Utilities
and Environment**

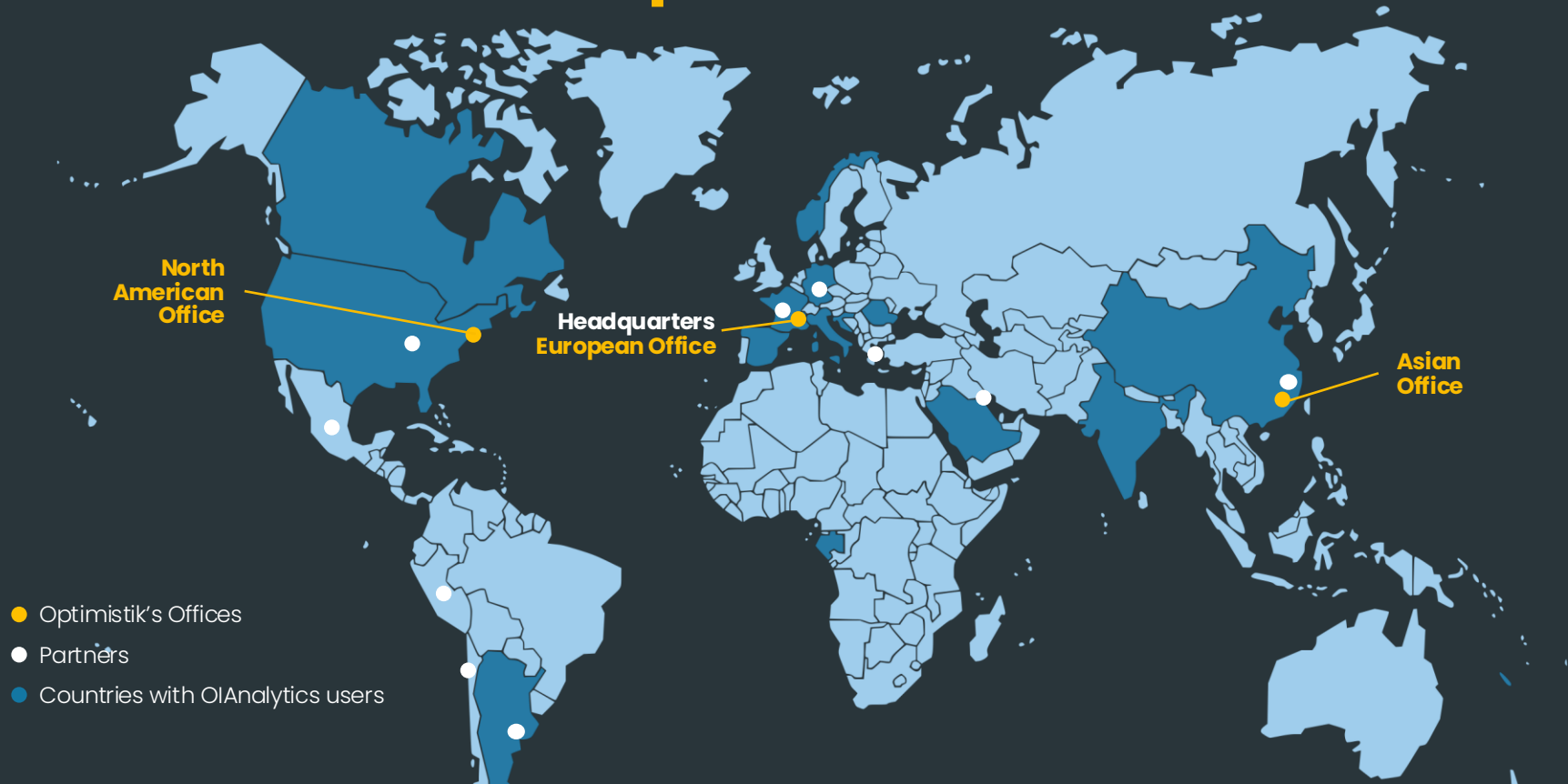


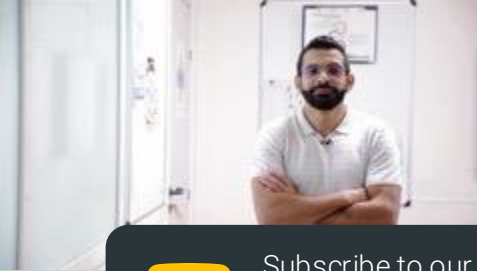
Pulp and Paper



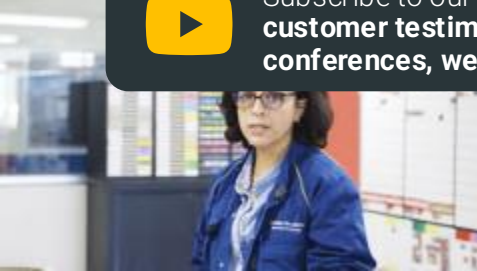
Oil and Gas

A **global presence** and a wide **network of partners**





 Subscribe to our YouTube Channel for
**customer testimonies, podcast,
conferences, webinars...**



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Manufacturing Operational Performance Intelligence
All-in-One Data Platform



Data Exchange

Connect a wide range of systems and sources...

OT Systems

Supervision

SCADA

Historian

...

IT Systems

ERP

MES

CMMS

LIMS

Database

Files

...

IoT Systems

Broker

Network Server

...

Open Data

Energy prices

Weather

...

Manual Input

Forms

Chek-list

Logbook

...

...using native capabilities



Edge Data Exchange
(OIbus)



Direct API Exchange



File Exchange
(sFTP, S3, Blob...)



Integrated
Form App



Integrated Shift
Logbook App



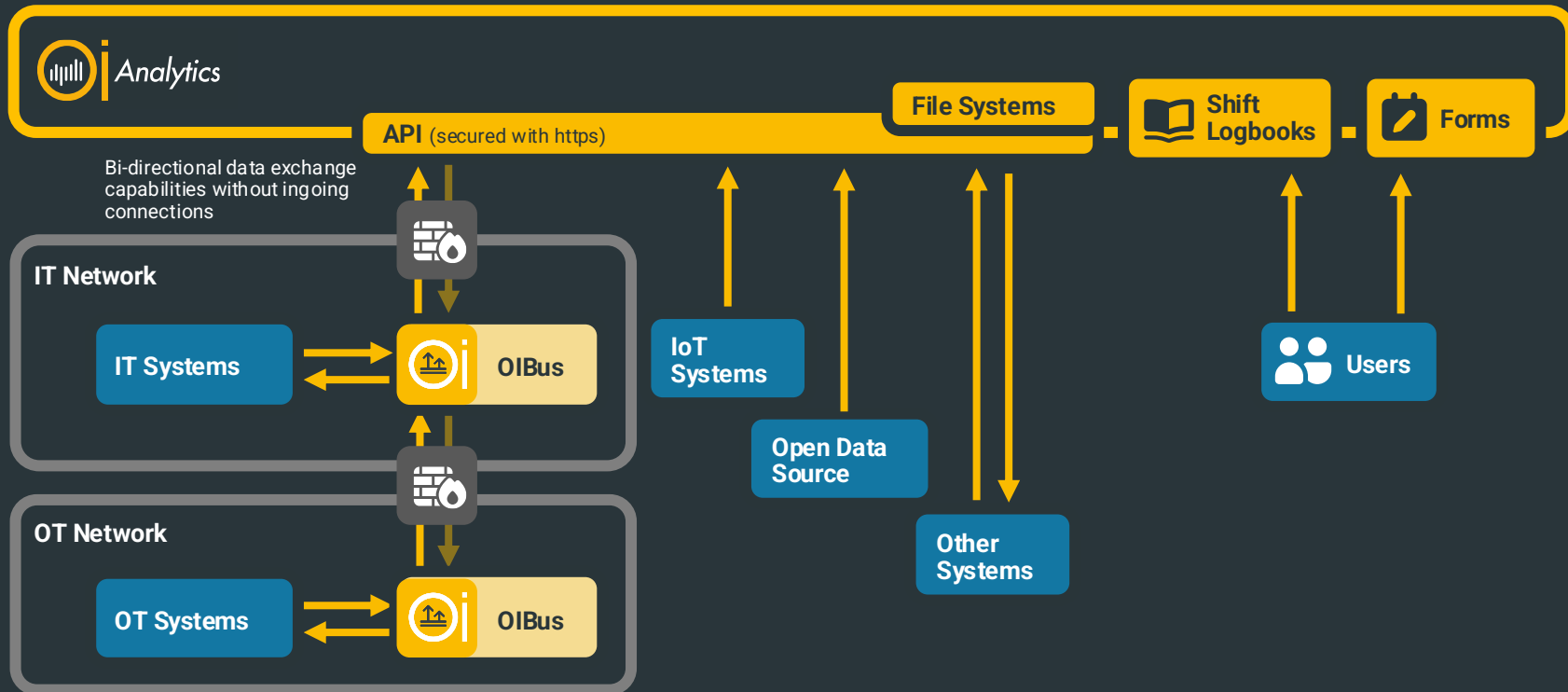
Bus

Edge Data Exchange

- Multiple sources simultaneously.
- Tight integration with OIAnalytics for data connections supervision.
- Supports several IT, OT and IoT standards (OPC, OPCUA, ModBus, MQTT TwinCat ADS, API, SQL, Files...).
- Secure and reliable .
(cache, encryption, compression...)



Data Exchange Architecture





Contextualization Engine

Your
heterogenous
and unstructured
Data

Data Pre-Processing

To make your data fit
the solution standard
Data models.

Data Storage and Structuration

Standard Data models
to structure your Data



Time Series
Data



Event Context
and Data



Traceability
Context and Data



Genealogy
Context



Assets
Context



Vectorial
Data

By design native
integration with all
the solutions Apps



Data Aggregation and Processing

To combine different
types of Data and
Context together.



AI
deployment Tools



Advanced
Analytics Tools



Integrated
Business Apps



Dashboarding
and Reporting



Alerting and
Notification



Scalability

OIAalytics is the first Industrial Data Platform designed natively as a Cloud based SaaS solution.

It leverages a wide range of technologies to offer a fully transparent scalability.



Auto-scaling



Serverless Computing



Distributed Architecture



Hyperscale Infrastructure



Transparent Upgrades



Immediate new features rollout



Automated Monitoring



Secured multi-site backup





“Optimistik provides a process-focused data lake, KPI dashboards, and intuitive visualization tools tailored for agile decision making.

Optimistik represent a newer generation of platforms designed post-2000, prioritizing flexibility, user accessibility, and advanced analytics.

ARC Champions Radar: Industrial Data Platforms - ARC INSIGHT - October 9, 2025 - By Thomas Menze

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“A context-first data model with rich user interface (UI) and visualization capabilities

*...strong KPI governance is reflected in the vendor’s **3.0/3.0 score for KPI tracking** and benchmarking, which helps teams align on definitions and audit changes over time.*

“Foundational elements for production optimization and quality management.

*Optimistik demonstrates a structured, analytics-driven approach, to identify key process parameters, deviations and common causes of defects in **batch or continuous production**.*

Verdantix, Green Quadrant, Industrial AI Analytics Software (2025)

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