



Leverage data to simplify inventory management

01

Vekia,
genesis of an
expert solution

Our genesis.

2009

2011

2017

Today

Creation of Vekia

Realization of consulting missions and recommendations to the CODIR around ML & AI technologies

Vekia becomes an *on-premise* **software publisher**

Forecasting & Replenishment Automation Modules

Launch of Vekia's **SaaS offering** around the Azure platform

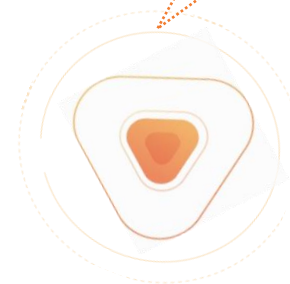
Forecasting & Replenishment Automation Modules

Probabilistic forecasts

Deploying the Azure platform for a growing number of sites and users

ARS
APS

4th generation



Highlight : Manuel Davy.



Studied engineering
PhD In Signal Processing



Researcher in
Machine Learning
Bayesian statistics
Signal Processing



Founder & CEO
Cloud software platform for
demand forecasting and
replenishment

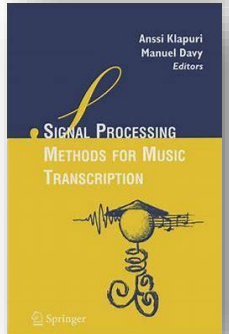


Manuel Davy
CEO - Founder

Leader at Cité de l'IA
70 compagnies



Author of
1 book
6 book chapters
100+ scientific papers



Teacher

Enterprise Artificial
AI in Industry, companies a

Manuel DAVY, Ph.D.

Lecture at ESILV
March 2022

Global vision.



Manuel Davy
Founder & CEO



Fabien Fouissard
Chief Customer Success
Officer & Alliances



Julien Maillard
Chief Technical Officer



Charlotte Lesage
Chief Marketing Officer



Noel Charpentier
Customer Success Manager



Johann Robette
Customer Success Manager



Benoit Raoult
PreSales Specialist



Vincent Knab
Delivery & Services
Director



Thibault Devred
Dev Ops Director



Alexandre Gerussi
Lab Director



Et tous nos experts

Our customers.

Mr.Bricolage



okaïdi



jacadi

BUT

PROFESSIONNEL
EUGENE PERMA
Paris



celio*



02

Vekia, a fast and
efficient solution

Vekia, a fast
and efficient
solution

Description 

A big data solution.

7 800 billion

calculations of forecasts and
replenishment action per year

150 billion

inventory management
decisions



€ 100 billion

turnover generated by our customers
via our forecast calculations and
inventory replenishment

+100 To data integrated

+11 billion

lines per day

A 100% SaaS solution.



Security & reliability

- Secured environments, hosted in Europe
- Multi-Authentication & Dedicated tenant
- Duplication & Redundancy / data backups
- Blue-Green Deployment



Performance & Infrastructure

- 24/7 availability
- Worldwide availability
- Horizontal scalability
- SaaS with Microsoft Azure ecosystem



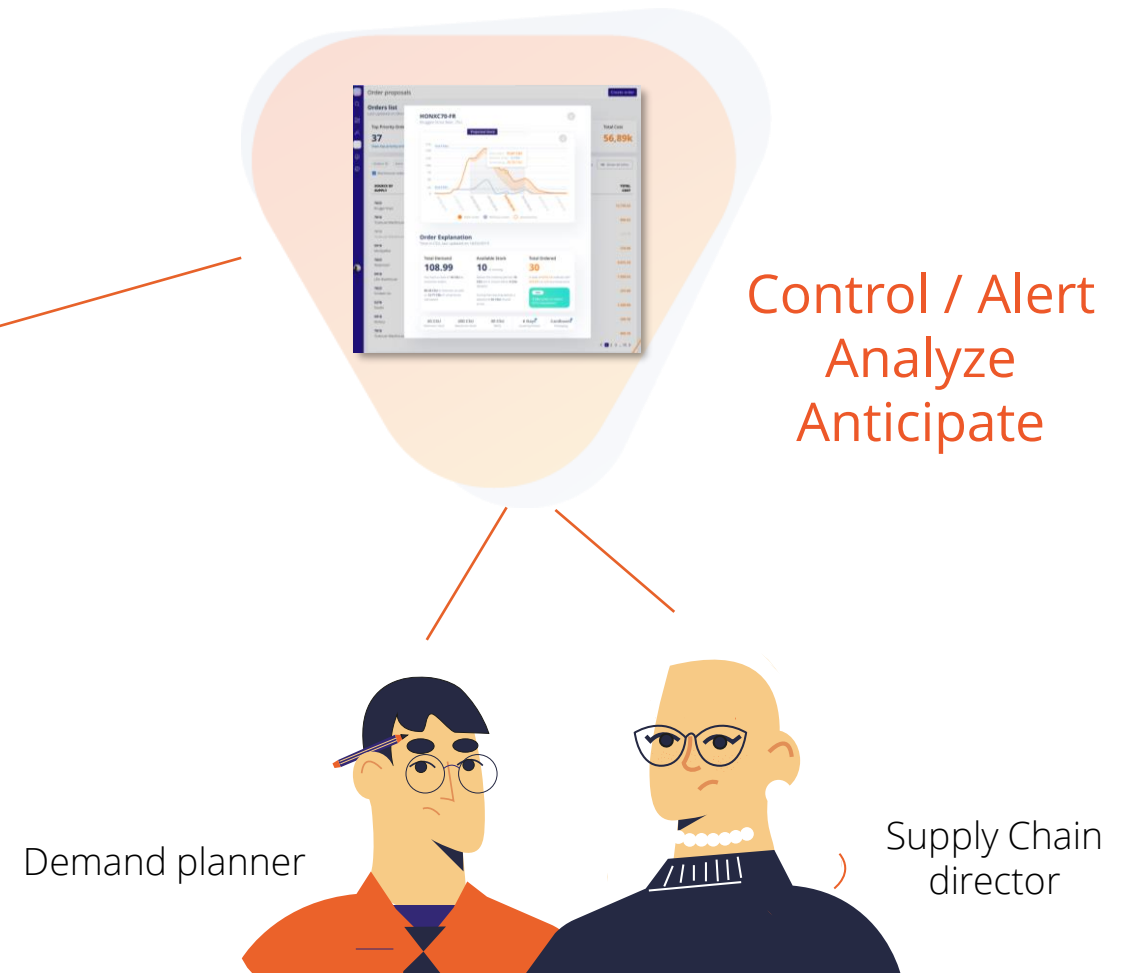
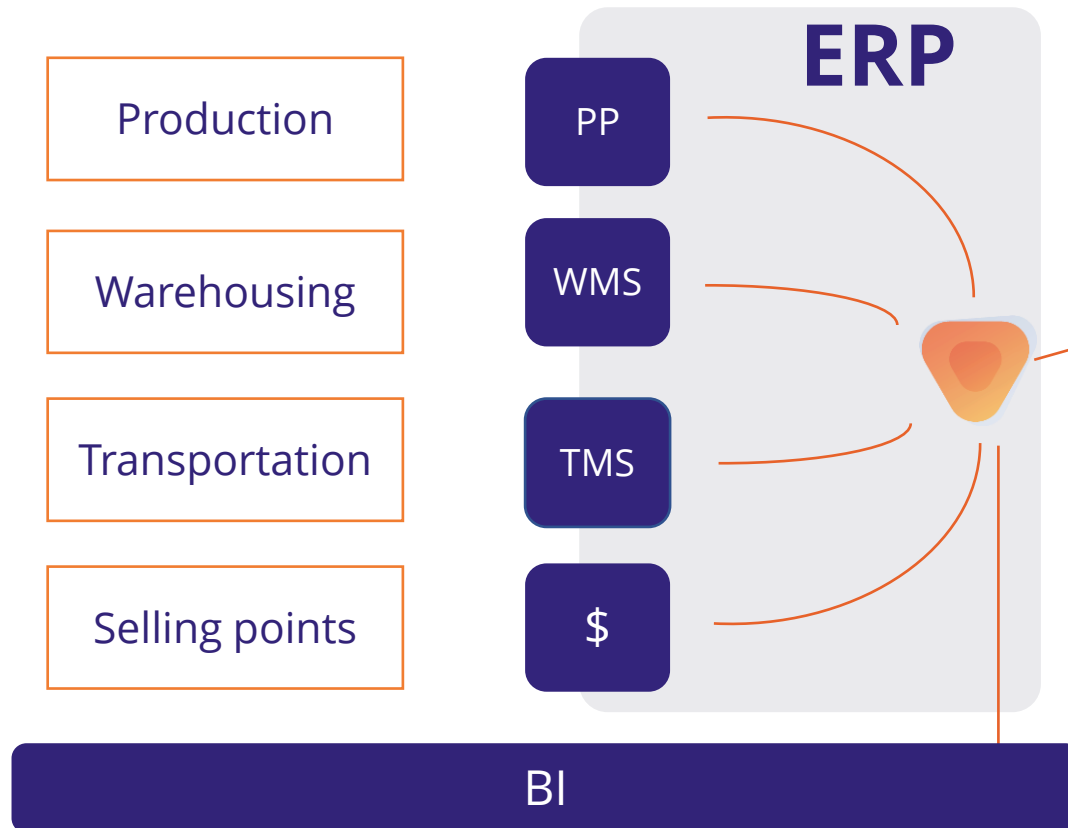
Services

- Dedicated support team & Customer Success
- Continuous improvement of performance
- Software updates
- Supervision

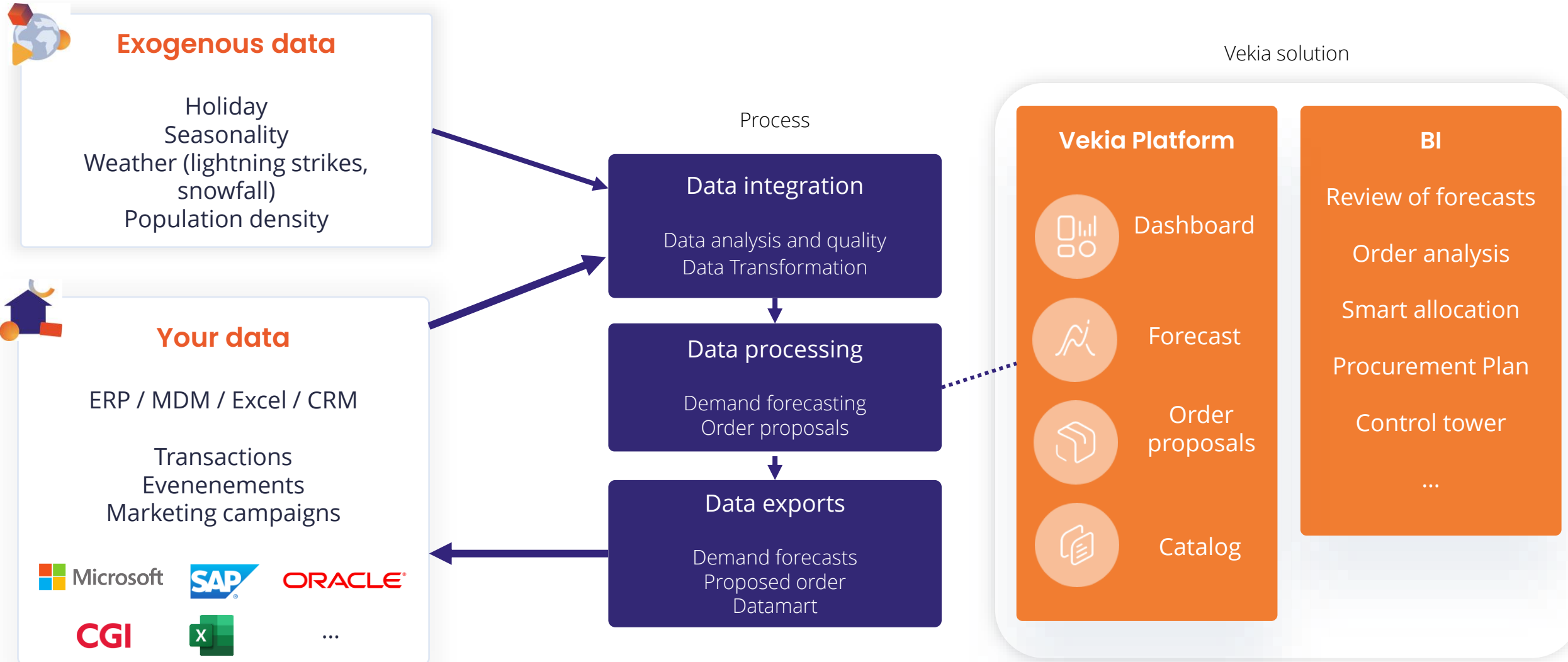
Where Vekia makes the difference.

"Classic" IT system of a Supply Chain

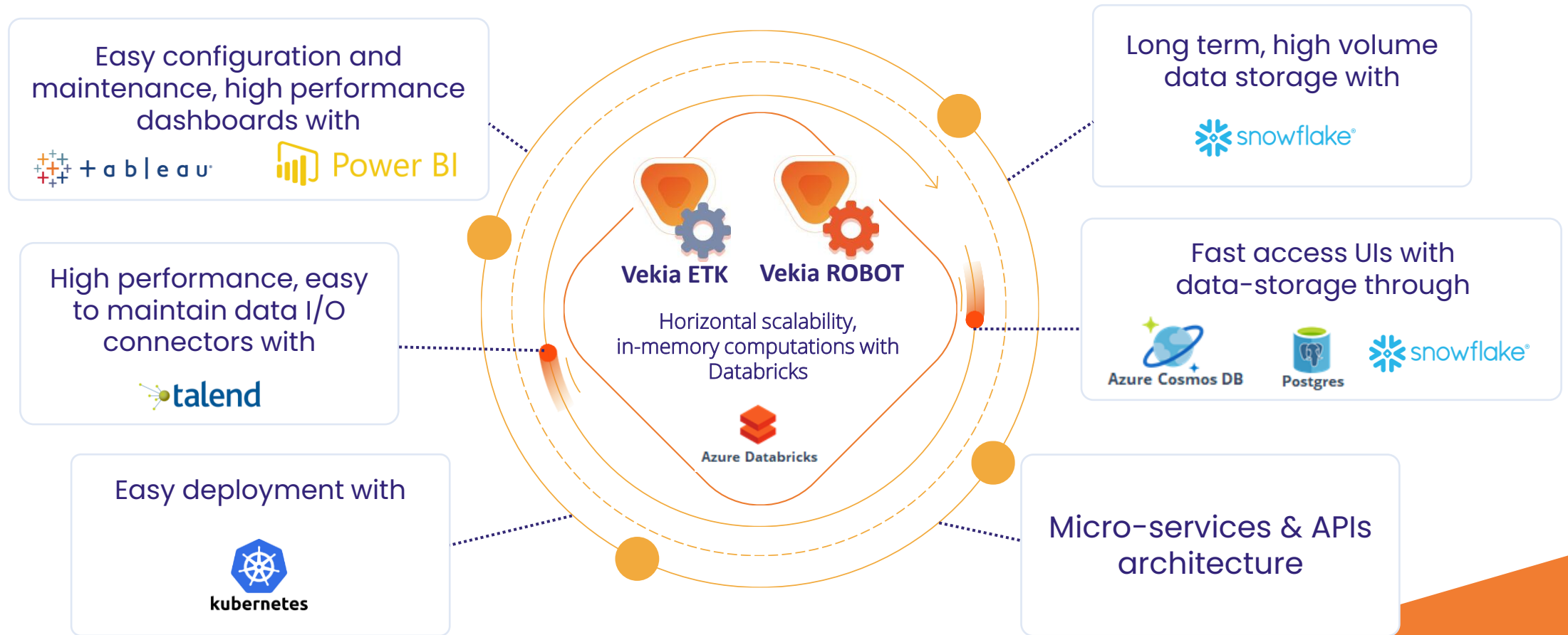
APS powered by VEKIA



Principles of integration.



A "best of breed" approach.



Vekia, a fast
and efficient
solution

**Use-case
& UI / UX**



1. Data integration: automated history cleaning
2. Multi-level and multi-horizon forecast aggregation
3. High performance automatic replenishment
4. Control tower: the cockpit of your supply chain
5. Anticipated management of stock shortages
6. Reduce and optimize inventory levels globally
7. Manage multiple orders in advance and optimize truck/container filling
8. Anticipate and manage marketing campaigns and cannibalization effects
9. Identify and manage stock transfers and exchanges between sites
10. Prepare the launch stock of a new article (coldstart)
11. Forecast and adjust the logistics workforce
12. Detect stock data errors; suspect stocks
13. Optimize upstream supply performance
14. Forecast load and associated resources: transportation / packaging / etc.
15. Manage and utilize repackaged product inventory
16. Improve S&OP process performance
17. Manage end-to-end inventory on multiple levels
18. Optimize procurement of perishable products
19. Convert sell-in sell-out sales

Order proposals.

Your order proposals

- Order management
- Order creation
- Explanation of the order
- Dynamic safety stock

Consideration of constraint

- Logistics
- Physical
- Ecological
- Monetary

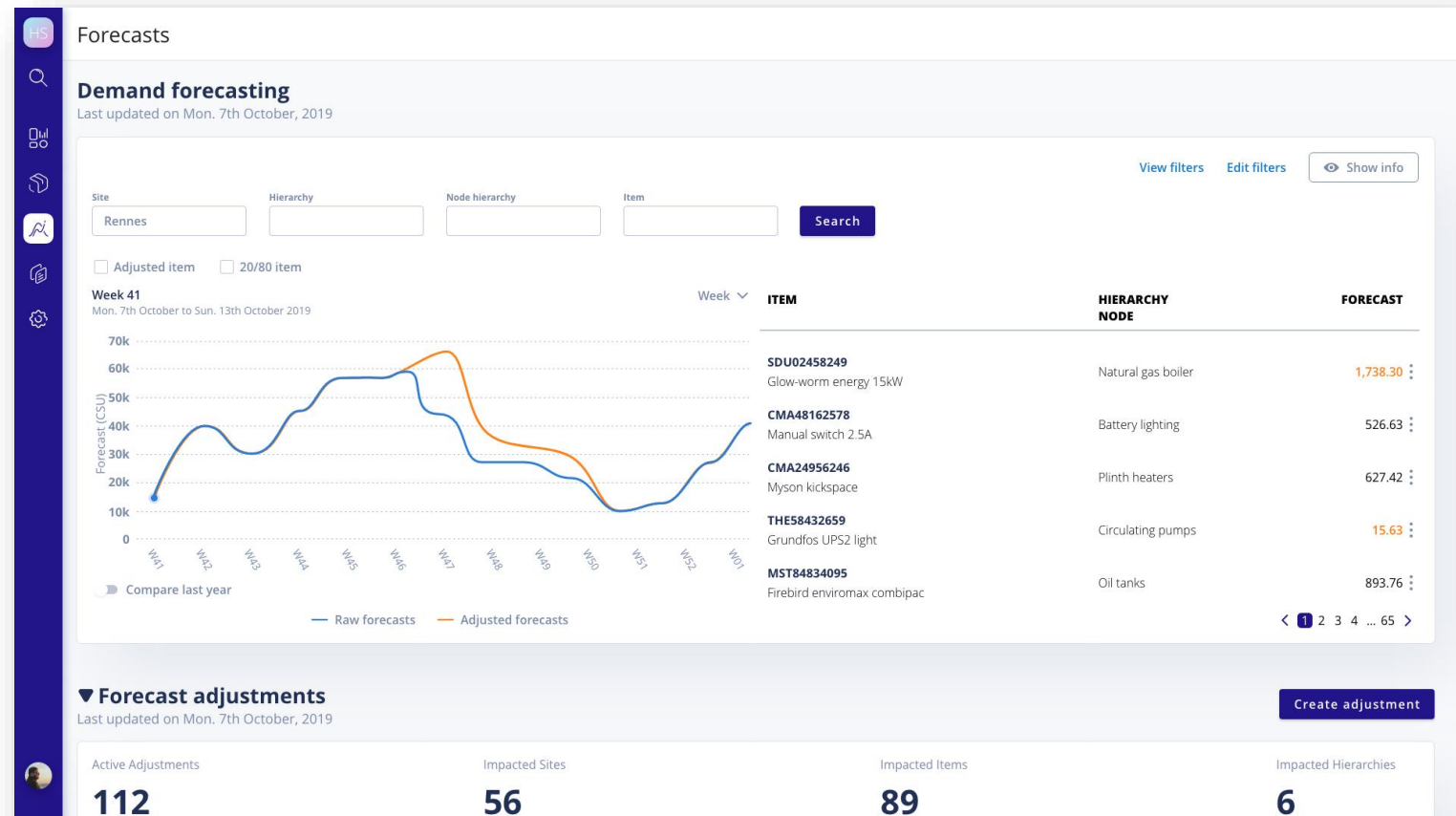


Demand forecasts.

- Machine Learning / Deep Learning Algorithms
- Data quality and analysis
- Daily forecasts
- Adjusted forecasts

Taking into account

- Sales history
- Exogenous data
- Out of stock



Catalog.

- Article sheet
- Entity sheet
- Delivery schedule
- Stock & deliveries
- Conditions of purchase

HS

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VEK59000812 • Boiler haunt XRT

Information

20/80

Active

Characteristics

Dimensions & Attributes

Source of Supply

Able to supply item

Item ID

VEK59000812

Name

Boiler haunt XRT

Weight

25.500 kg

Volume

No data

EAN

501234567890

Hierarchy

Natural gas boiler

Range

5000

Attributes

Stainless steel, 1 round, germ resistant

Creation

Mon. 18th May, 2019

End of life

Tue. 20th April, 2025

Packagings

Unit, Box, Pallet

SUPPLIER	MOQ	ITEM LIFE PERIOD
5278 Daxter	60	May 18, 2019 April 20, 2025
5910 Lille Warehouse	0	May 18, 2019 April 20, 2025

< 1 2 3 >

Stocks & Deliveries

Total in CSU, last updated on Mon. 7th October, 2019

In stock

3,620

57% are in warehouses

In transit

560

50 are delayed

Warehouses

Stores

Site

SITE	IN STOCK	IN TRANSIT	DELAYED	COVERING DAYS
5910 Lille Warehouse	72	30	0	5 days
7810 Toulouse Warehouse	120	90	0	12 days
6739 Nantes	5	0	30	3 days

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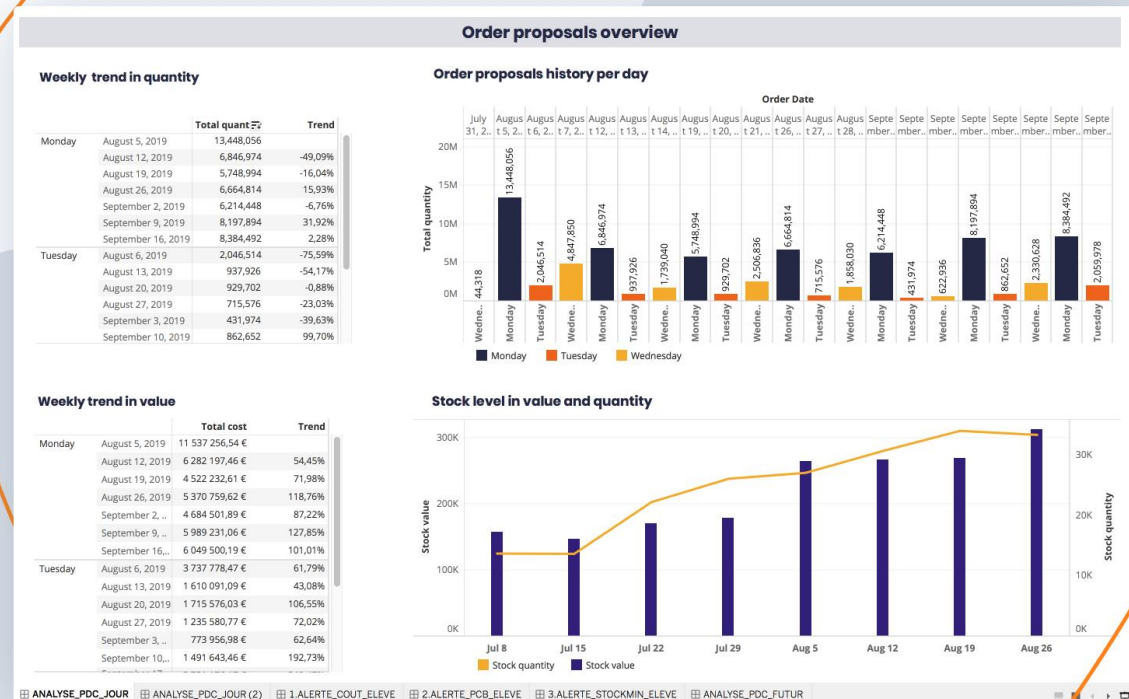
Business Intelligence.

The cockpit of your supply chain with an overview of

- Your supplies
- Performance of the Vekia solution
- Stock level by entity
- Production projection

Focus on alerts and exceptions

- Quantity or value of orders
- Out-of-stock items
- Safety Stock Levels





vekia.fr/en