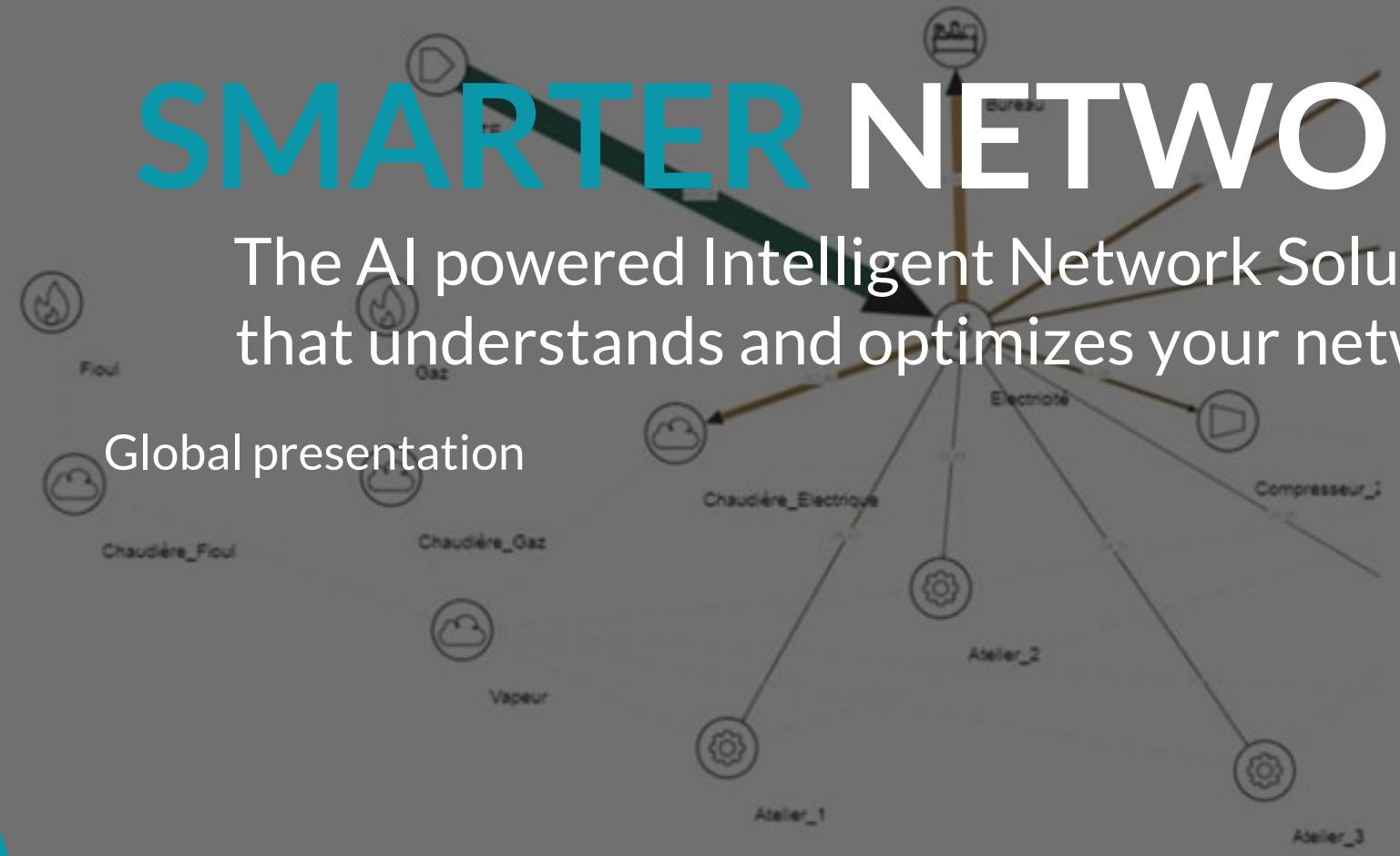# SMARTER NETWORKS

The AI powered Intelligent Network Solution©
that understands and optimizes your networks

Global presentation

DCbrain – Real time optimization Software for networks managers

Our clients : complex networks managers

Utilities / Energy, Manufacturing, Supply Chain

- District Heating Networks
- Distribution / Transmission of Gaz, Electricity, Fluids, Fiber
- Logistic Flows and Stock optimization

USE CASES

- Demand forecast and optimal mix for production, storage and distribution
- Create and compare scenarios for network planning and operations
- Asset usage and life-cycle optimization
- Prescriptive real-time anomaly detection

TECHNOLOGY : the INeS Platform

- A software solution combining Digital twin modelization (graphe databases) and AI algorythm to predict, model and optimize networks.
- This software acts as a Smart Layer on top of your current IT tools.

ROI < 6 Months

EXAMPLES :

8% decrease
Of heating production Opex costs for a large manufacturer in 2018

+2,5M € saved
On Capex for investment in a distribution center for a logistic specialist in 2019

THE TEAM : 30 PEOPLE, including 10 Data Scientists

Arnaud de Moissac
CEO

Benjamin de Buttet
COO

Pedro Machado
CTO

REFERENCES

Technological partners

Challenges

Digitalize or die

Demanding customers (Prosumers)

Complex and rapidly evolving networks

Limited business value from BI tool

Growing constraints (regulatory, CO2, CAPEX, OPEX)

The key to success:
Digitization of core processes

- 25%
Operating cost

+15%
clients served with existing assets

+10%
Average Revenue increase

DCbrain

DCbrain overview
The Intelligent Network Solution that understands and optimizes networks in real time

- ✓ DCbrain is a European AI B2B SaaS software vendor that supports network companies creating more value from their networks.

- ✓ DCbrain has developed an AI real time solution dedicated to networks and flows to address a 5B$ global market opportunity.

- ✓ Our solution is field proven and used by tier1 companies.

- ✓ The team includes top talents and seasoned managers.

- ✓ Our solution has received multiple awards.

DCbrain – Confidential

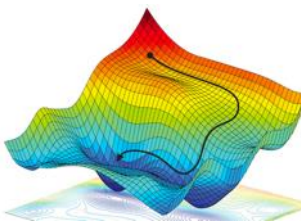# DCbrain : at the heart of the AI revolution

Key technology

Smart high-volume data ingestion

Smart Digital network twin

Distributed forecast and anomaly detection
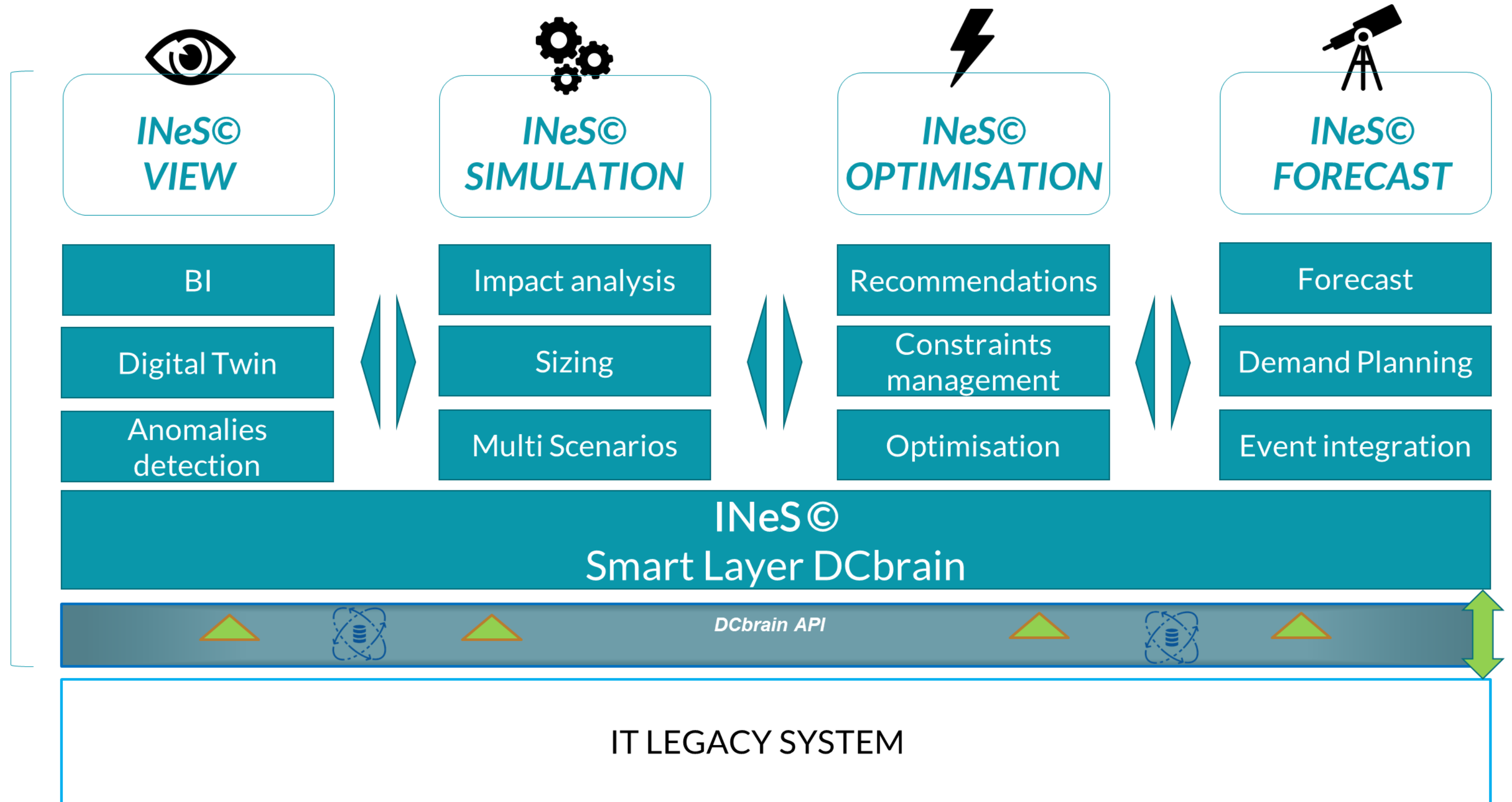
Complex optimization

Academic Partners

david
données et algorithmes
pour une ville intelligente et durable

UNIVERSITÉ DE VERSAILLES
ST-QUENTIN-YVELINES
université PARIS-SACLAY

TELECOM
ParisTech

Awards

VIVA
TECHNOLOGY
RATP
Best Startup

AI PARIS
2017
Best AI Technology

INVESTISSEMENTS
D'AVENIR
**Funded R&D project
MarvinZero**

Our Product (INeS): a smart layer that empowers your network

DCbrain

INeS© VIEW
- BI
- Digital Twin
- Anomalies detection

INeS© SIMULATION
- Impact analysis
- Sizing
- Multi Scenarios

INeS© OPTIMISATION
- Recommendations
- Constraints management
- Optimisation

INeS© FORECAST
- Forecast
- Demand Planning
- Event integration

INeS©
Smart Layer DCbrain

DCbrain API

IT LEGACY SYSTEM

Product : deployed customers and proven ROI in 3 verticals

Utilities

GRDF

Biogaz simulation
- 900 Man Days per year

Supply Chain

STEF

Transport Optimization
- 20M€ in transportation cost per year

Industries

DAHER

Industrial Warehouses Optimization
- 2,5M€ in CAPEX

And also :

TERĒGA

ENEDIS
L'ÉLECTRICITÉ EN RÉSEAU

GRTgaz

dalkia
GROUPE EDF

RĒGAZ
BORDEAUX

GROUPE Casino

Cdiscount
VOUS ÊTES PLUS RICHE QUE VOUS NE LE CROYEZ

DANONE

LafargeHolcim

TOTAL

orano

DCbrain
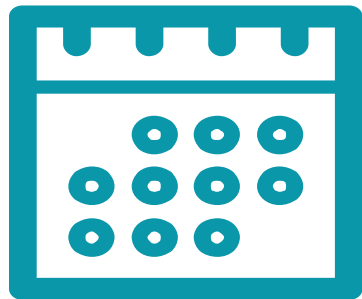
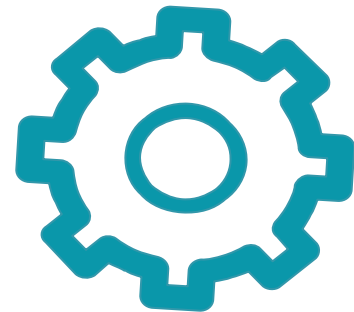# Business model: annual license

Software provider through annual licenses

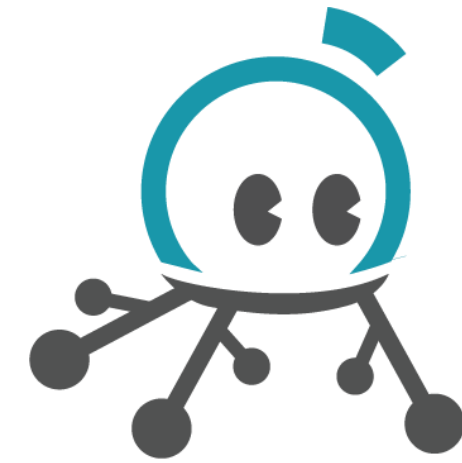Depending on network size and functionalities, the average licence is between 20k€ and 150k€ per year.

IT Integration needed to deploy the software

Delivery between 30 Mandays and 300 Mandays.

Cloud based software

Cloud Agnostic : AWS, Azure, OVH, Google or on premise, depending on clients needs.

DCbrain

Thank you!

Benjamin de Buttet – COO

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www.dcbrain.com