

omyn

Improving every care journey

Bonjour INTERSECTION



We are **omyn**

ANATOMY OF A MESS

ANATOMY OF A MESS

A *STORM* is reshaping
our healthcare landscape.



ANATOMY OF A MESS

HR *HURRICANE*



ANATOMY OF A MESS

HR *HURRICANE* FINANCIAL *PRESSURE*



ANATOMY OF A MESS

HR *HURRICANE*

FINANCIAL *PRESSURE*

REGULATORY *LIGHTNING*



ANATOMY OF A MESS

HR *HURRICANE*

FINANCIAL *PRESSURE*

REGULATORY *LIGHTNING*

SOVREIGNTY *WINDS*



ANATOMY OF A MESS

HR *HURRICANE*

FINANCIAL *PRESSURE*

REGULATORY *LIGHTNING*

SOVREIGNTY *WINDS*

SENSOR DATA *TSUNAMI*



ANATOMY OF A HOPE

ANATOMY OF A HOPE

AI
with great promise comes great responsibility



BACK TO REALITY

USE CASE

Hôpital privé du Confluent
Groupe Vivalto Santé
Nantes, France

Optimize ambulatory
spaces and flows.



&

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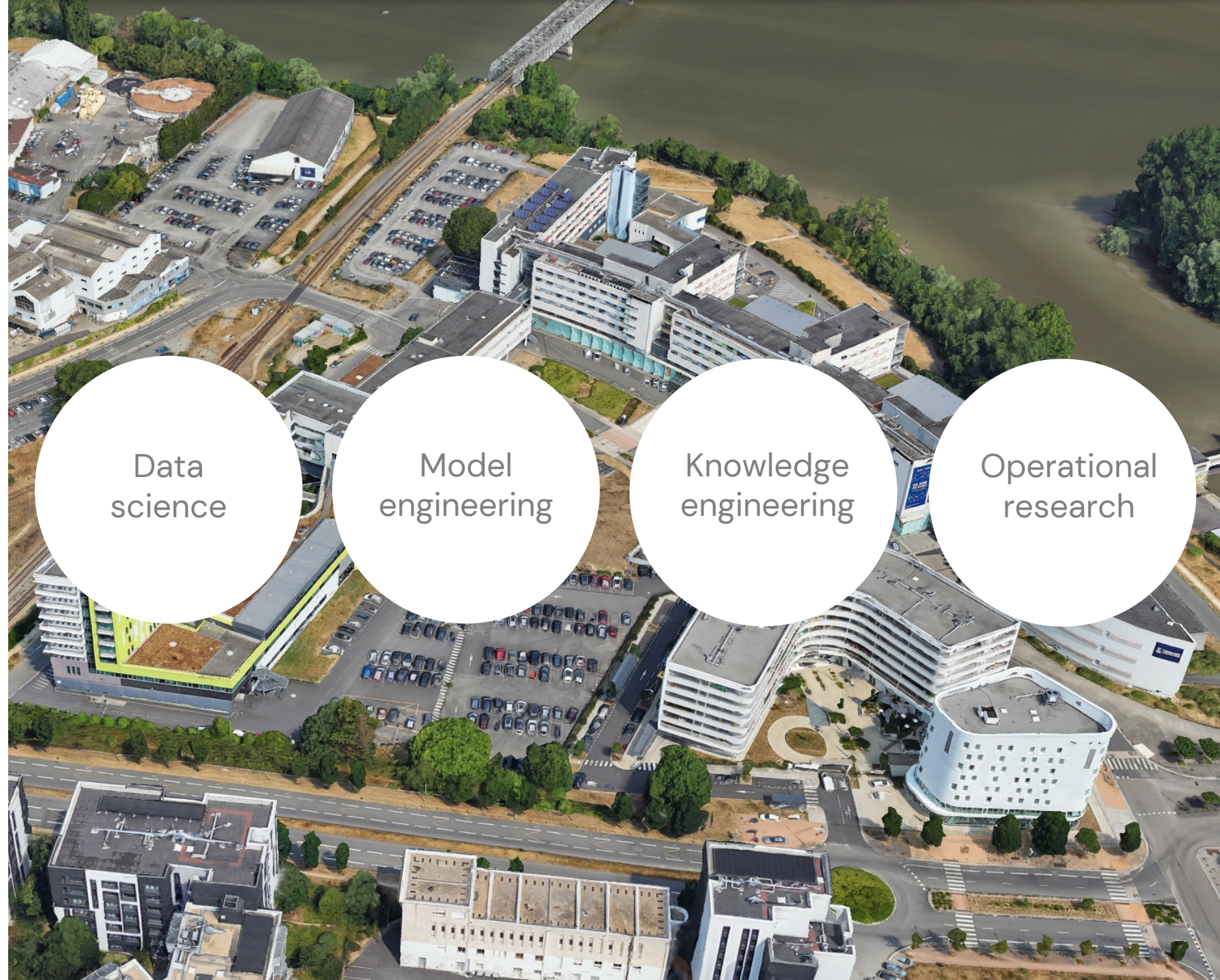


USE CASE

Hôpital privé du Confluent
Groupe Vivalto Santé
Nantes, France

Optimize ambulatory
spaces and flows
through **organizational
engineering**.

omyn.ai



USE CASE

Hôpital privé du Confluent
Groupe Vivalto Santé
Nantes, France

AS-IS:

3 surgical departments operate in the building A:

- Digestive surgery
- Ophtalmology
- Hand surgery

We're working with the design team to implement reality-first AI to simulate patient flows in care areas.



USE CASE

Hôpital privé du Confluent
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Nantes, France

AS - IS :

Daily throughput **124 patients**

Surface area **859 m2**

Circulation distance **246 m**



USE CASE

Hôpital privé du Confluent
Groupe Vivalto Santé
Nantes, France

TARGET :

Daily throughput **188 patients**
+ 52%

Surface area **802 m2**
+ 52%

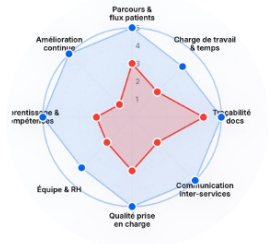
Circulation distance **246 m**
- 27%



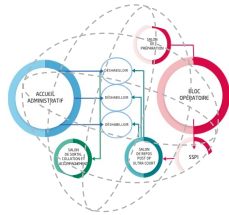
How can we unleash the potential of AI within the operating reality of hospitals?

Adapt, deploy and facilitate adoption

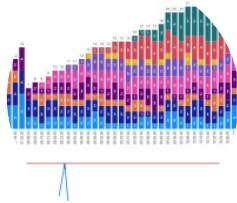
Implementation phases:



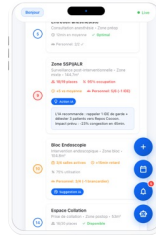
0
Audit



1
Context mining



2
Flow modeling



3
Adoption



Proven Hospital Expertise

- Demonstrated success at Hôpital Privé du Confluent (Nantes)
- **23% reduction** in congestion risks
- **18% improvement** in average stay duration for ambulatory surgery

Unique Market Solution

- Only AI integrating deep **spatial understanding** (partner **AIA Life Designers**)
- **Real-time geolocation** via innovative IoT bracelets
- **Predictive** capabilities up to **3 weeks**

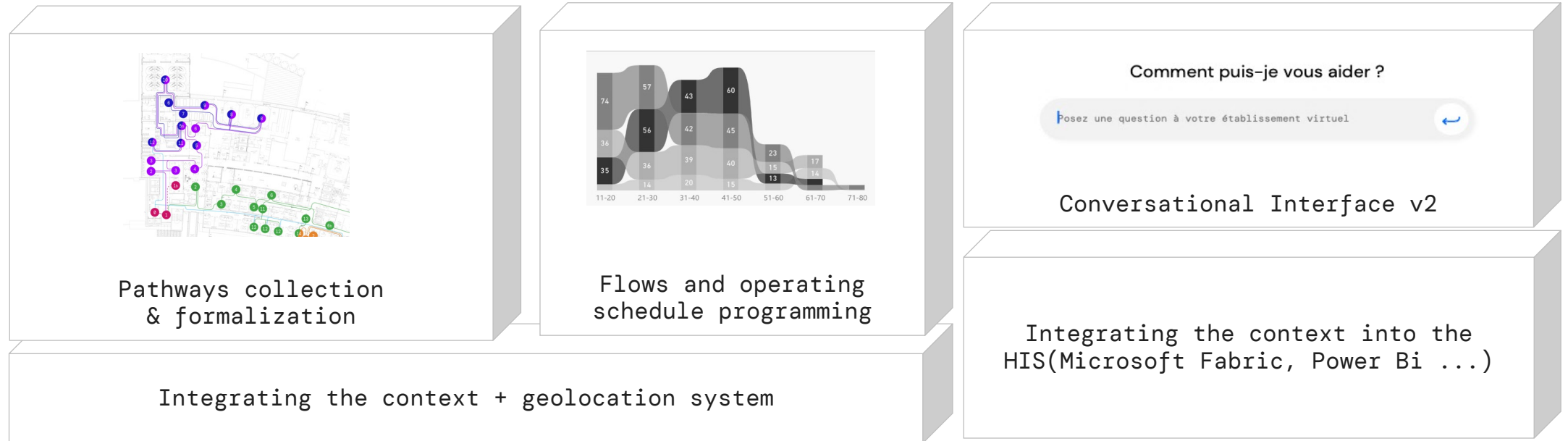
Sovereign and Ethical Technology

- **100% European** solution
- Native **GDPR, EHDS** and **EU AI Act** compliance
- Your data never leaves your premises

Lightweight Deployment and Adoption

- **3-month** installation
- Collaborative approach with your teams
- Reduced data quality costs through geolocation system

Deployment example





Supervise

Bonjour

● Live

5

Entretien anesthésiste
Consultation anesthésie • Zone préop
⌚ 12min en moyenne ✓ Optimal
👤 Personnel: 2/2 ✓

9

Zone SSPI/ALR
Surveillance post-interventionnelle • Zone mixte • 144.7m²
🛋 18/19 places % 95% occupation
⌚ +5 vs moyenne 👤 Personnel: 5/6 (-1 IDE)
Action IA

L'IA recommande : rappeler 1 IDE de garde + déléster 3 patients vers Repos Cocoon.
Impact prévu : -23% congestion en 45min.

10

Bloc Endoscopie
Intervention endoscopique • Zone bloc • 104.8m²
🛋 3/4 salles actives ⌚ +15min retard
% 75% utilisation
👤 Personnel: 3/4 (-1 brancardier)
Suggestion IA

14

Espace Collation
Prise de collation • Zone postop • 53m²
🛋 18/30 places ✓ Disponible

+

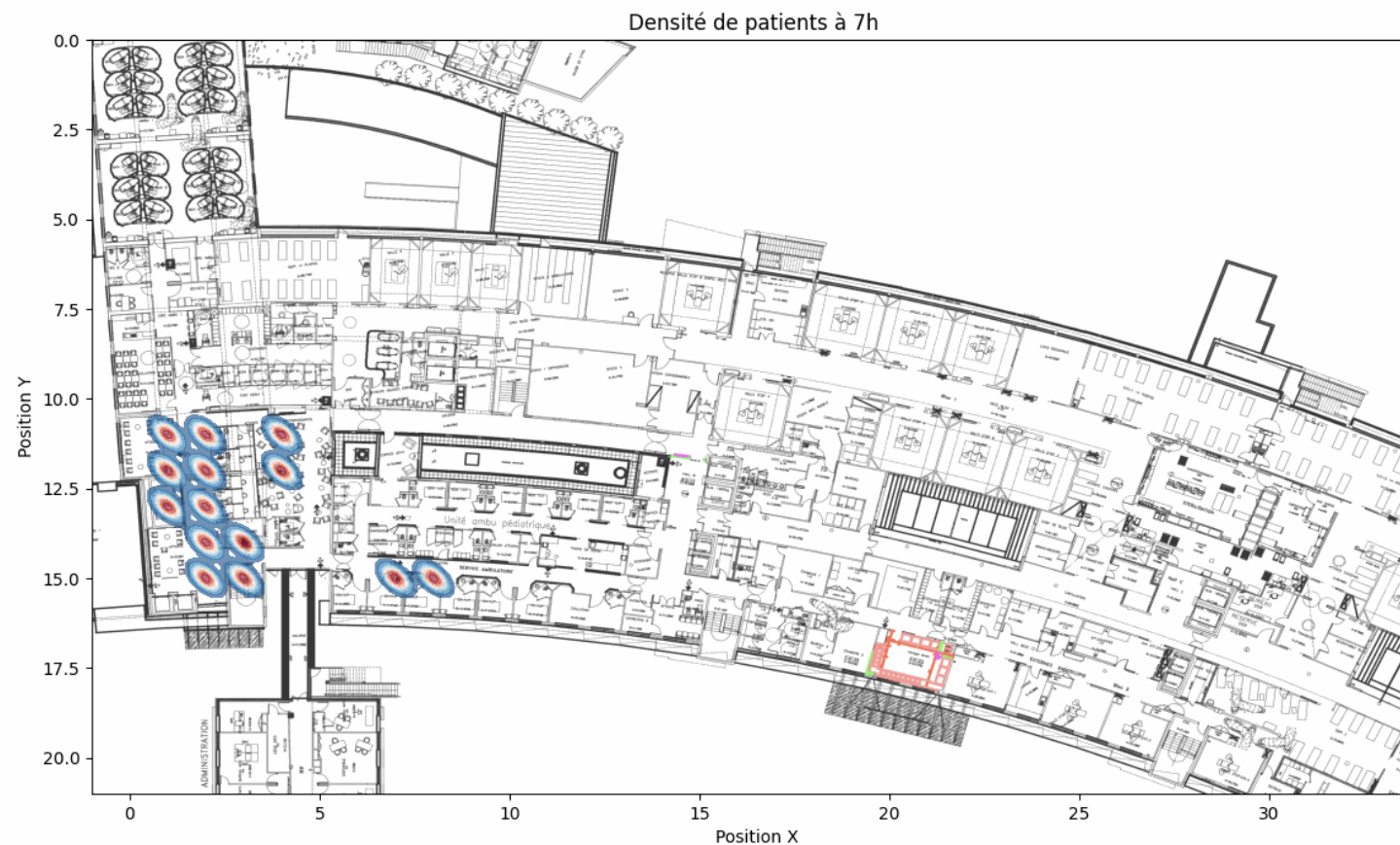
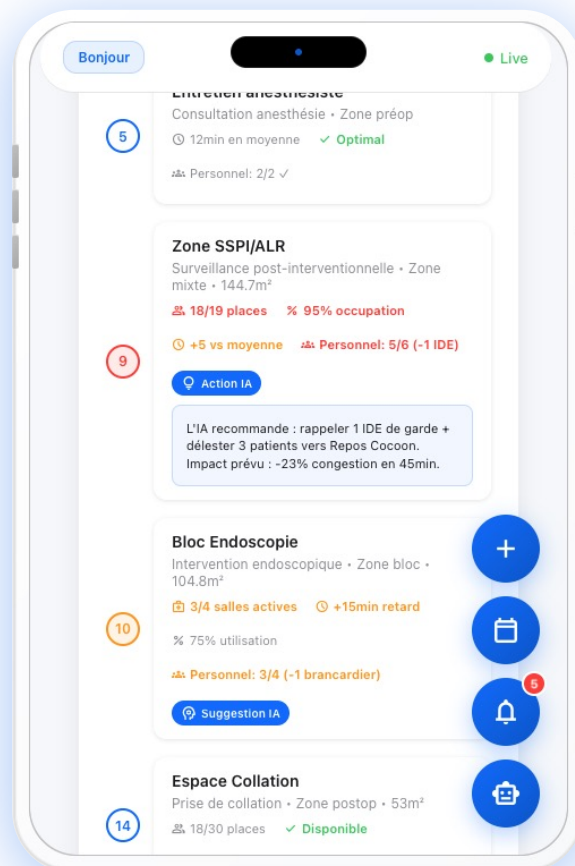
📅

🔔

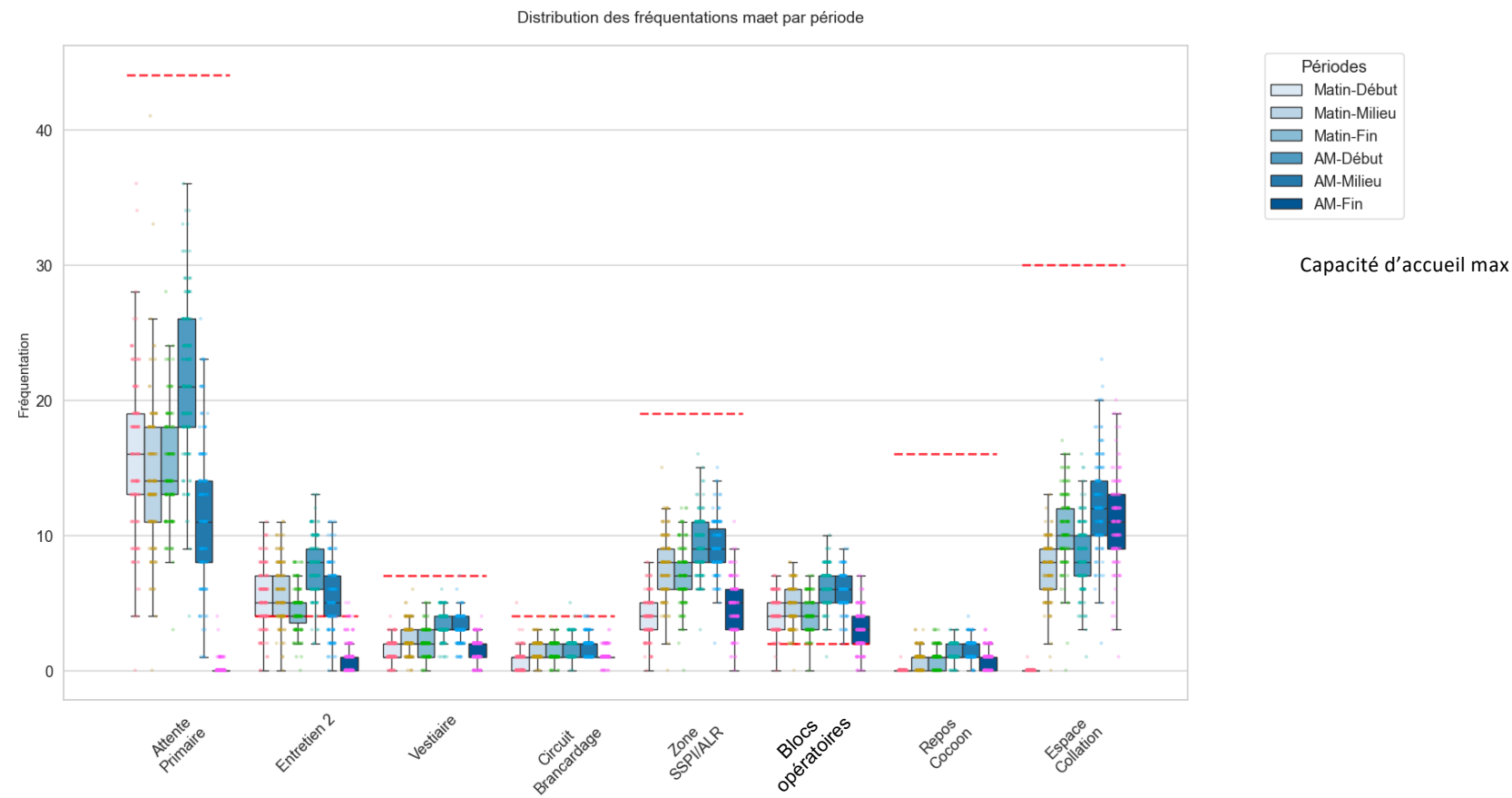
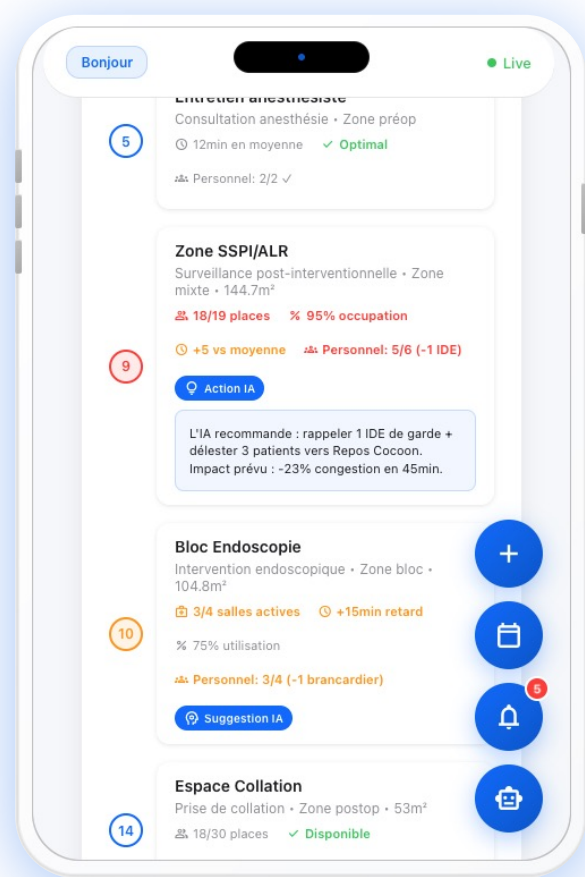
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Supervise



Supervise



Supervise

HOSPITAL ENTERPRISE DESIGN

An EDGY Milky Way Hospital Map

Bonjour

● Live

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+

📅

🔔

🏠

Patient

Brand

Experience

Product

Architecture

Organisation

Identity

Source

Cooperate people + AI

Design

Learn

Operate

Organise

Wait Times Reduction

Patient Experience Journey Enhancement

Quality of care

Patient Safety

Pain control

Comfort improvement

Learn the good skills

Learn the skill well

Design the right solutions

Build the solutions well

Continuous Innovation

Conduite de l'innovation

Maintenance

Logistique hospitalière

Architecture hospitalière

Relations with supervisory authorities

Administration and Governance

Financial and budgetary management

Logistic training

Clinical research

Medical discharge correspondence

Enhanced Recovery After Surgery

Monitoring vital signs

Early detection of complications

Operating room hygiene

Operating room logistics

Surgery

Intensive care anesthesia

Outpatient care

Soft wake-up

Dressing in street clothes

Snack

Collection of outgoing correspondence

Leaving the hospital

Transport de retour à domicile

Leaving the operating room

Surgical procedure

Anaesthesia

Entering the operating room

Dressing in block uniform

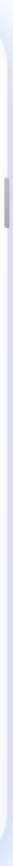
Medical questionnaire

Administrative questionnaire

Admission to outpatient surgery

Hospital welcome

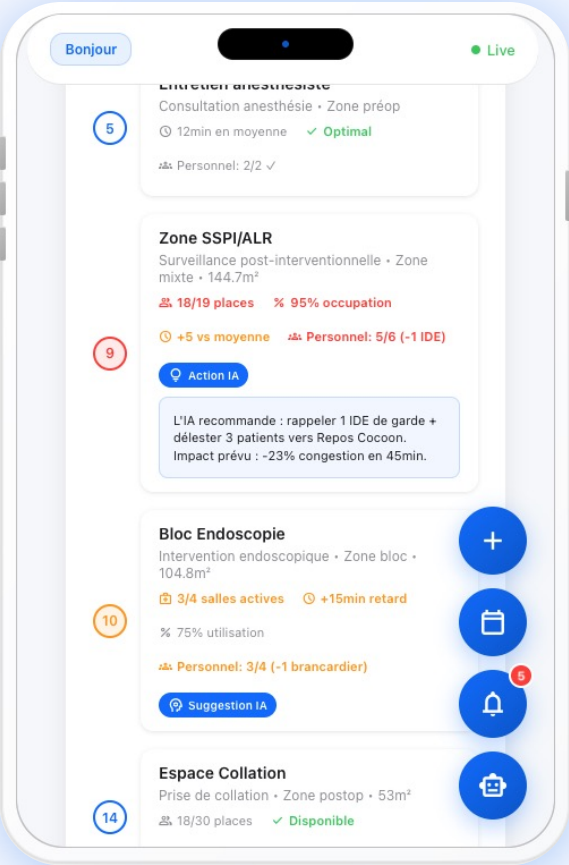
Hope-hospital transit



An EDGY Milky Way Hospital Map

SOLUTION

Supervise



Hôpital Privé du Confluent

Cadre de Santé - UCA

14:25 • Jour normal

Système opérationnel

DÉMO

156

Patients présents

+18 vs moyenne (138)

87%

Occupation globale

Moyenne jour normal: 75%

2 zones critiques

20/27

Personnel présent

Optimal: 24

3 postes vacants

12

Alertes actives

5 critiques, 7 warnings

78%

Précision prédictive

vs simulation de 8h

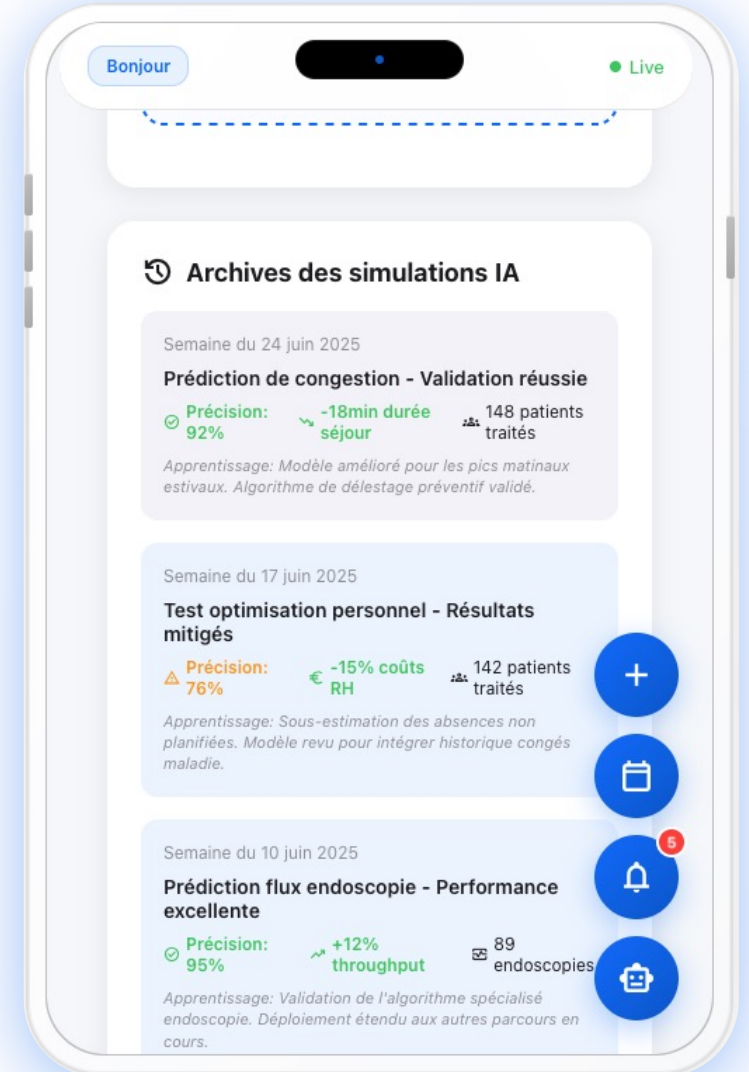
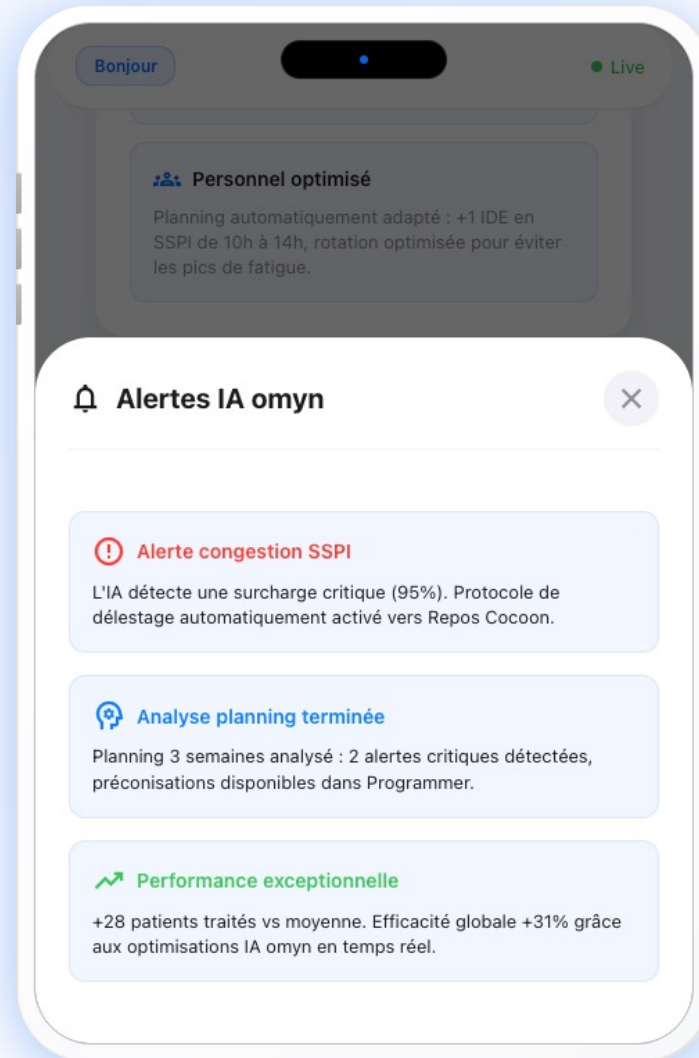
-22% d'écart

Écart prédictif important détecté

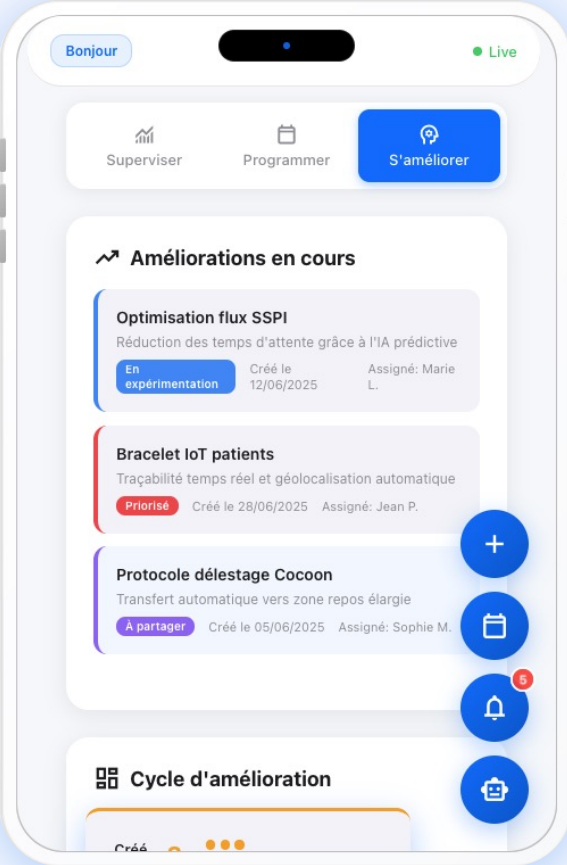
La simulation de ce matin prévoyait 125 patients à 14h, nous en avons actuellement 156 (+24%). Les zones SSPI et Endoscopie sont plus impactées que prévu. Recommandation : analyser les causes pour améliorer le modèle.

Analyser l'écart

Program



Improve



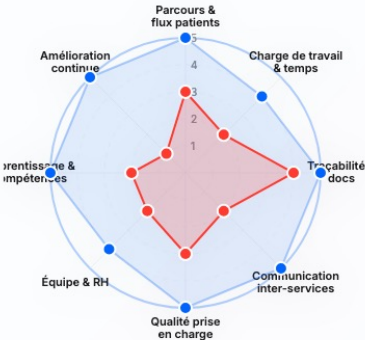
Diagnostic de Maturité - Établissement Hospitalier

Évaluation complète de votre transformation digitale et de la performance des équipes

Maturité des Équipes de Soins

Évaluation des 8 dimensions clés de performance

● Niveau actuel ● Objectif 6 mois



Maturité du Système d'Information

Diagnostic des 6 domaines SI stratégiques

● Niveau actuel ● Objectif 18 mois



Indicateurs Clés de l'Établissement

3.2/5
Score Équipes

1.8/6
Maturité SI

+42%
Rotation patients

-31%
Temps d'attente

89%
Précision IA

12
Actions prioritaires

Omyn Trusted Hospital AI Fabric

Deep contextualization

Assimilates your terminology, regulatory constraints, patient pathways, and spatial configurations to create THE context of your establishment.

Hospital Knowledge Graph

Construction Progressive construction of a data model that connects: physical spaces, equipment, workflows, staff, and patients.

Spatial and Temporal Modeling

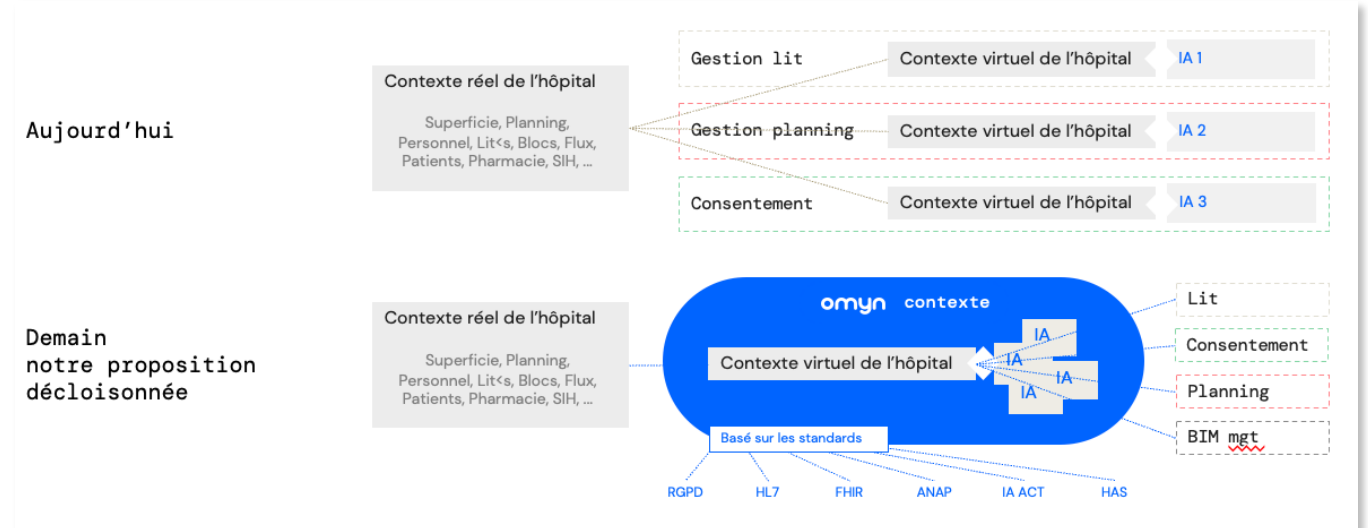
Understanding of spaces and flows, enabling simulation and optimization based on your establishment's ground reality.

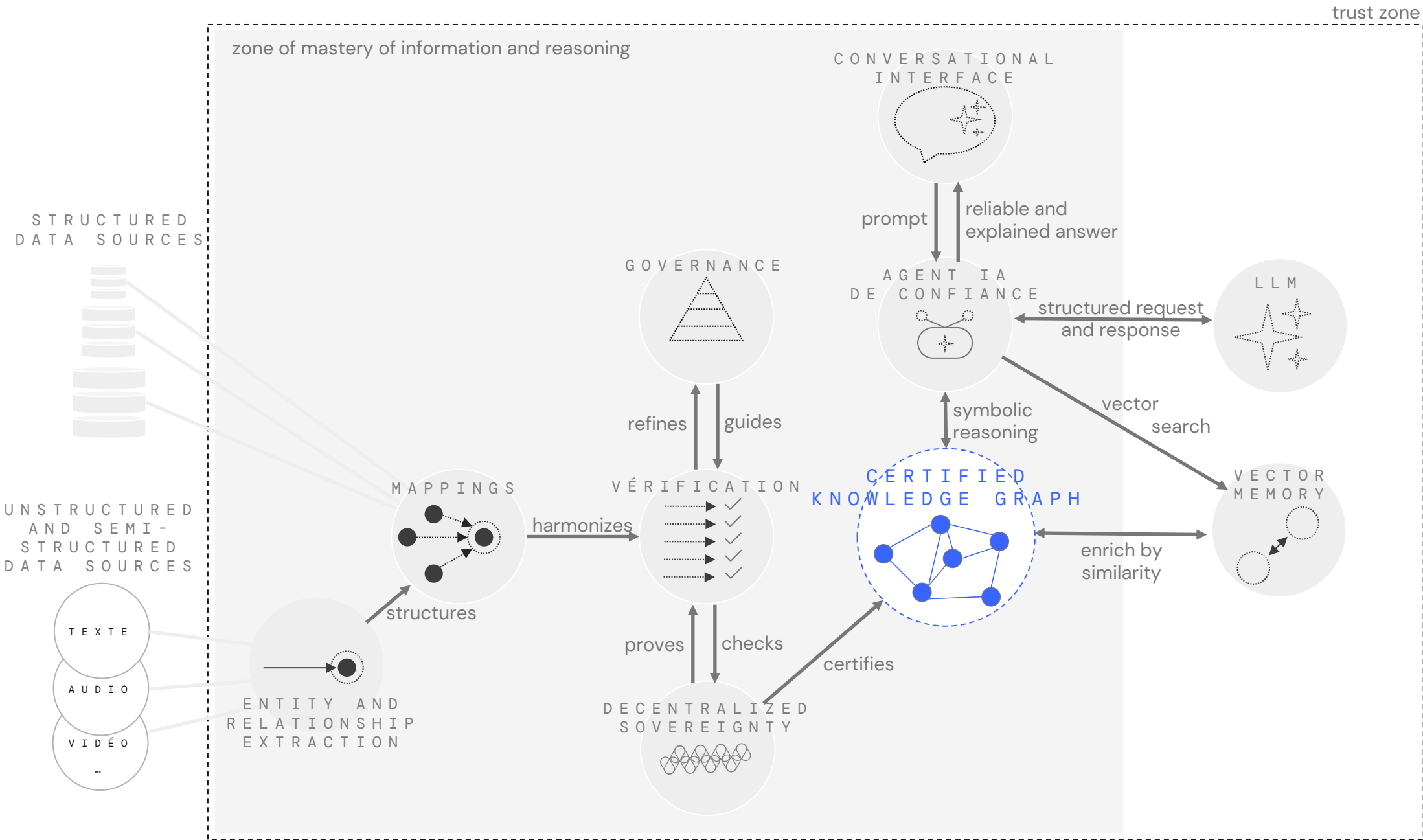
Local and Secure Processing

All sensitive data remains in your environment, ensuring complete confidentiality and sovereignty over your information.

Facilitated interoperability

Seamless connection with existing systems (HIS, PMIS, EPR, etc.) without complex developments or risky migrations.





— MERCI

Contact



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Our partners

