



Verborix

Verborix Strategic Capabilities Portfolio

Transforming physical environments
into actionable digital ecosystems.

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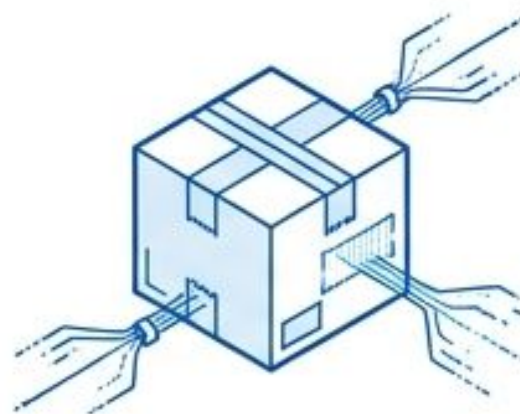


Retail & FMCG

Core Focus: Close the gap between physical-store reality and enterprise systems.

Featured Solutions

Ambiware (physical-to-digital intelligence middleware) and Sentinel AI (store video intelligence).



Logistics & Warehousing

Core Focus: Automate physical product measurement, inbound/outbound control, and movement visibility in high-throughput environments.

Featured Solutions

Sentinel AI (loading-dock intelligence) and AI Volume Mapping.



Smart Mobility & Road Safety

Core Focus: Convert road video and sensor streams into structured traffic data, enforcement evidence, and coordinated response.

Featured Solutions

AI Violation Detection, e-Challan Workflows, and AI Parking Allocation.

Scaling intelligence across complex, regulated, and mission-critical industries



Aviation

Digitize and integrate safety-critical airline workflows, flight procedure development, and operational support services.



Manufacturing & Industry 4.0

Make machine states, safety events, and legacy IIoT production losses visible in real time.



Facilities & Data Centers

Data Center Infrastructure Management (DCIM) and 24x7 proactive command center support for commercial infrastructure.



Healthcare

Image-based disease prediction and custom low-power BLE health and safety wearables.



Agriculture

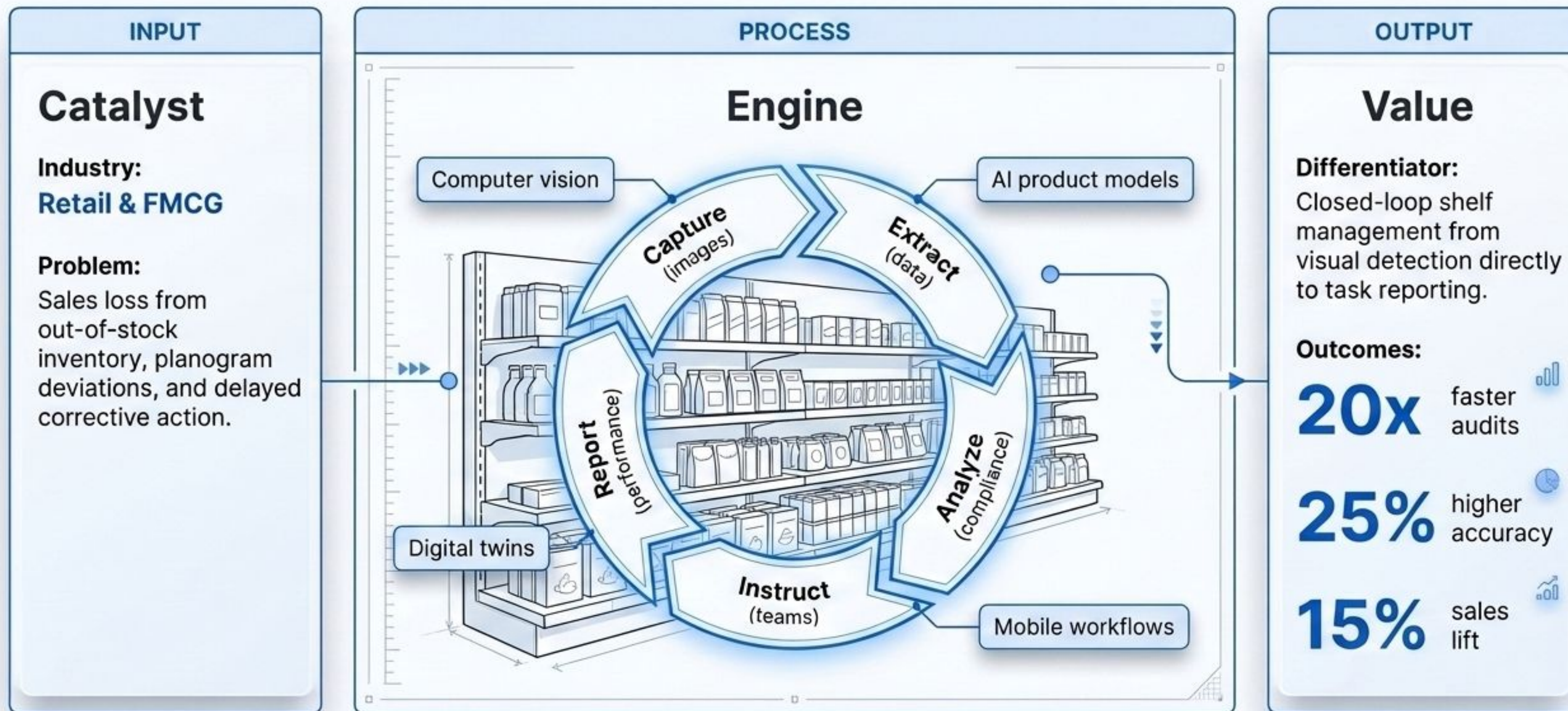
Custom sensing, IoT development, and remote pump automation for site-specific agricultural needs.



Security & Enterprise AI

AI-driven document scanning, knowledge access, cybersecurity, and embedded physical asset security.

Digital Shelf Analytics



— Deep Product Profiler

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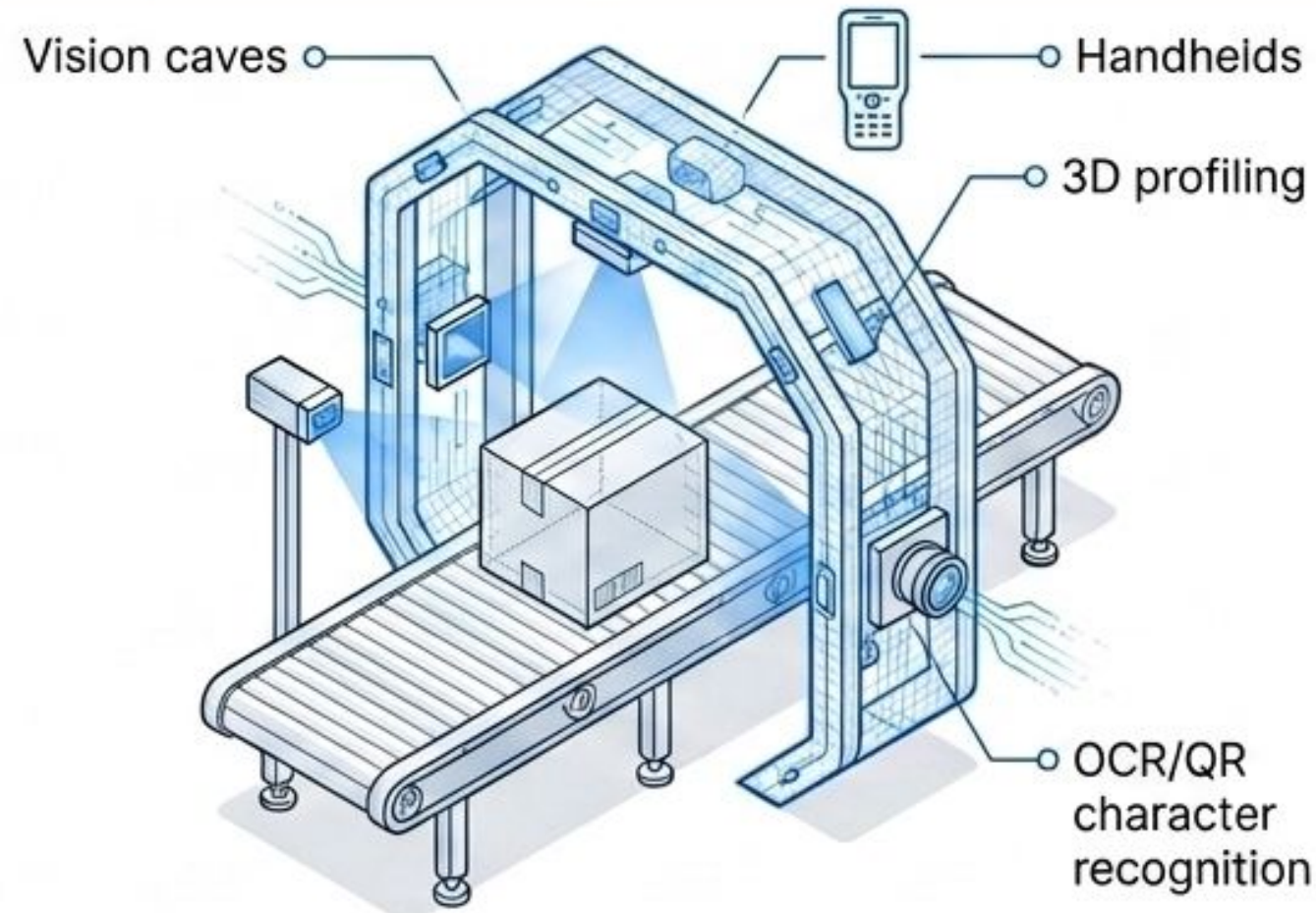
The Catalyst

Industry: **Logistics & Warehousing**

Problem: Manual measurement errors and inbound/outbound delays.

PROCESS

Engine



Operating model:

Captures packages, instantly measures 3D dimensions/weight, and reads identifiers.

OUTPUT

The Value

Differentiator: Low-touch platform combining measurement, identity, and damage assessment in one station.

Outcomes:

7x
velocity increase



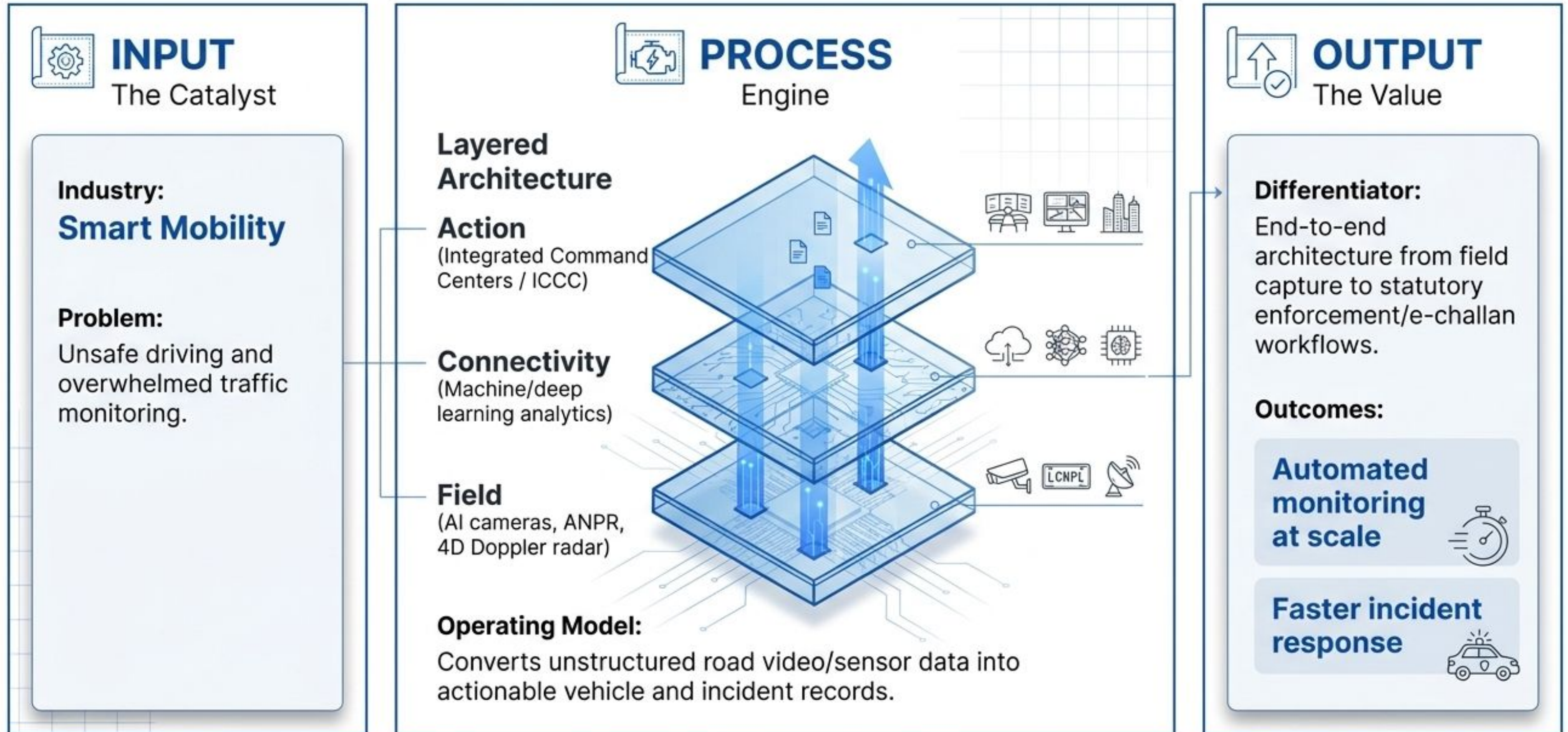
30%
fewer disputes



15%
lower handling cost



Integrated Traffic Management System (ITMS)



Integrated Airline Operations Solution

INPUT

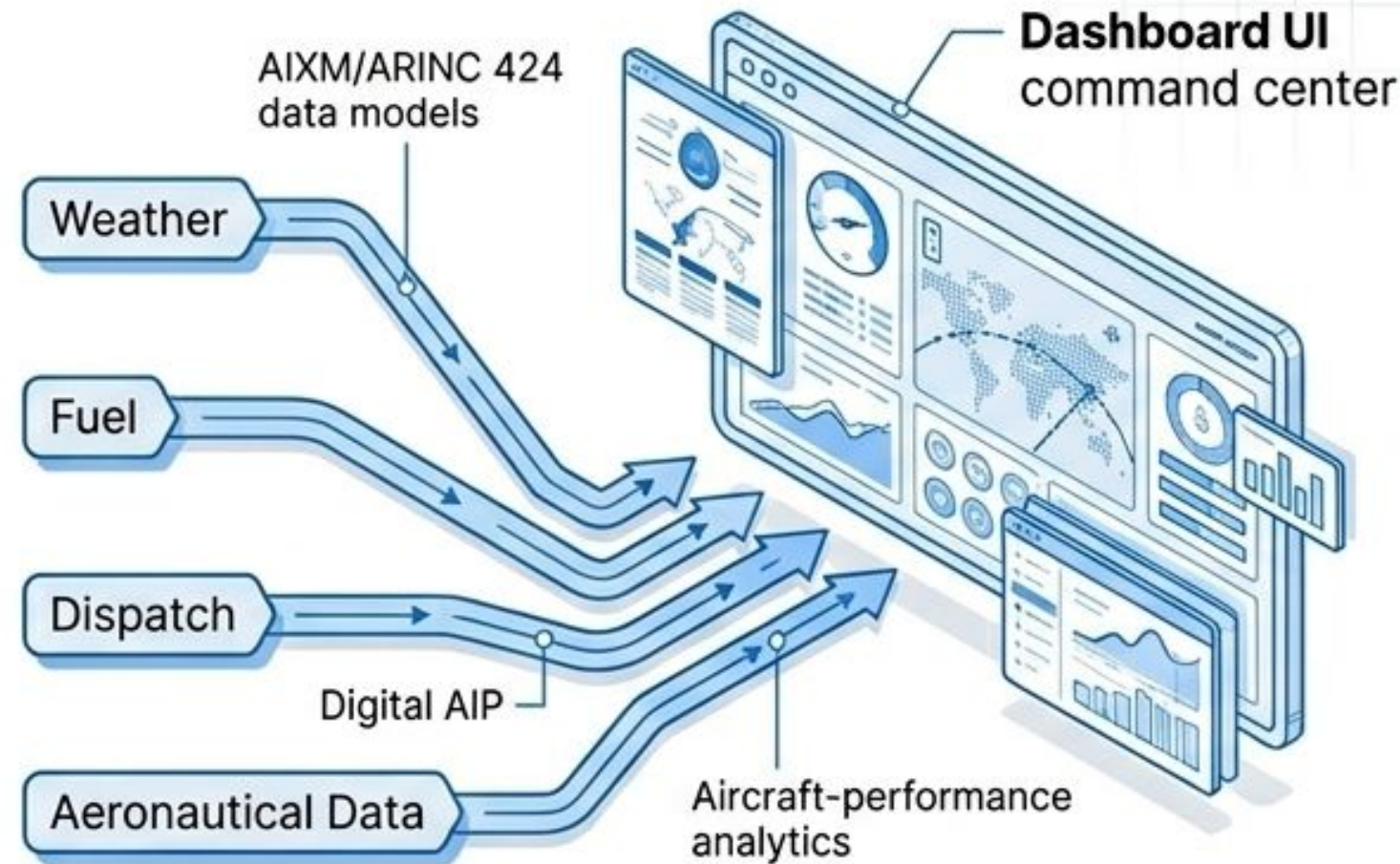
The Catalyst

Industry:
Aviation

Problem:
Siloed systems and paper-heavy manual processes limiting safety/optimization.

PROCESS

Engine



Operating Model:

Integrates aeronautical data, weather, dispatch, and fuel into a unified cockpit/dashboard.

OUTPUT

The Value

Differentiator:
Domain-specific integration built strictly around safety compliance and operational intelligence.

Outcomes:

Improved coordination



Reduced manual error



Optimized fuel decisions



Machine Monitor – CNC/OEE Intelligence

INPUT

The Catalyst

Industry:
Manufacturing
(Industry 4.0)

Problem:
Manual production logs hiding downtime causes and quality losses.

PROCESS

Engine



Operating Model:
Acquires automated controller data and merges it with operator root-cause inputs for live OEE status.

OUTPUT

The Value

Differentiator:
Uniquely combines objective machine evidence with human-entered operational context.

 **Automated shift reporting**

 **Faster corrective action on shop floors**

Facility-Pro / BAS+ — Integrated Infrastructure Management

INPUT

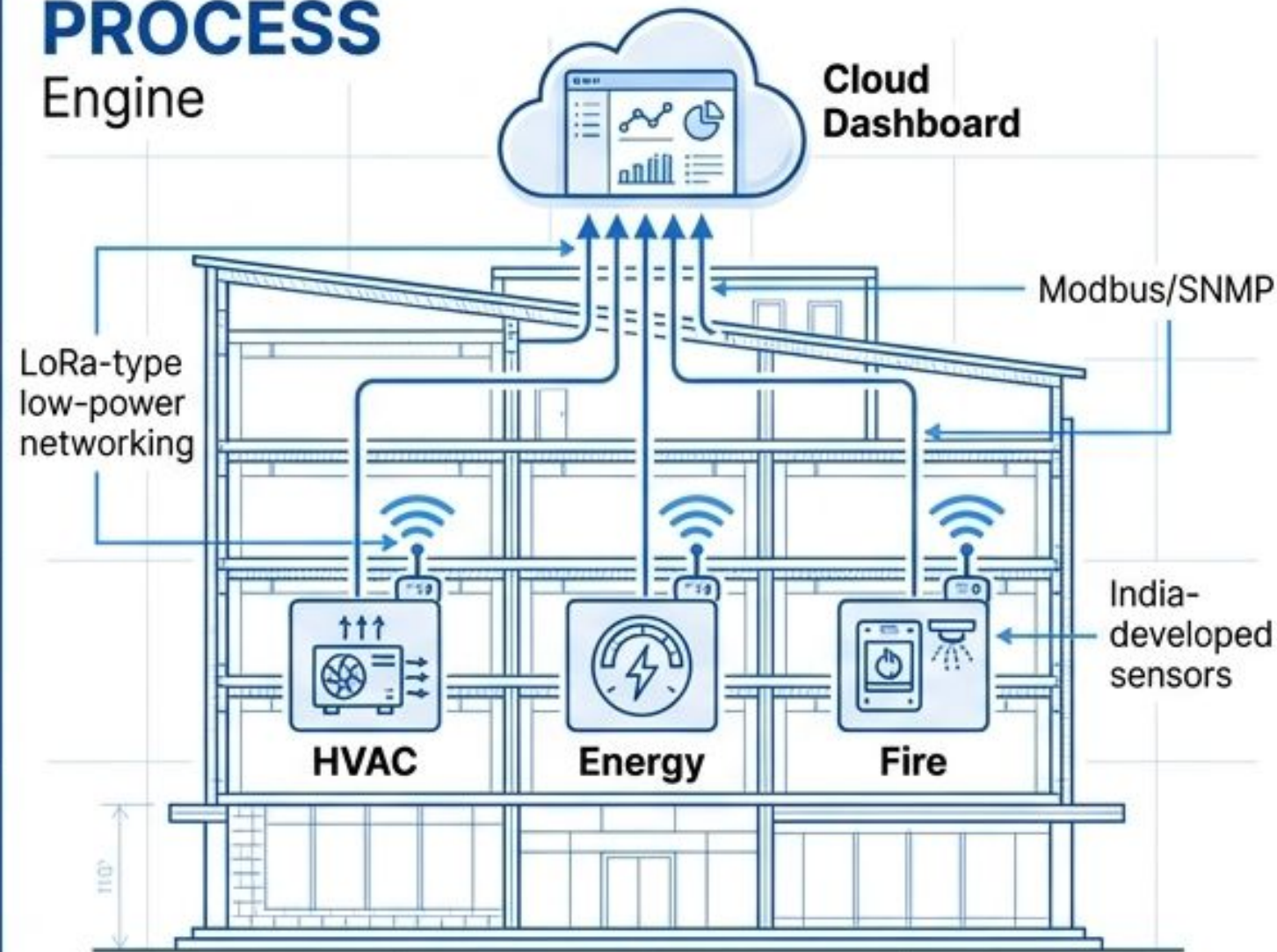
The Catalyst

Industry:
**Facilities, Data
Centers & Pharma**

Problem:
High energy/manpower
costs due to disconnected
building systems.

PROCESS

Engine



Operating Model:

Wireless gateways transmit equipment data
seamlessly to unified cloud dashboards.

OUTPUT

The Value

Differentiator:

Retrofit-first approach
designed for deep integration
with existing legacy building
infrastructure.

Outcomes:

25% 
energy/manpower savings

20% 
maintenance savings

Enterprise AI & Core IT Services



INPUT

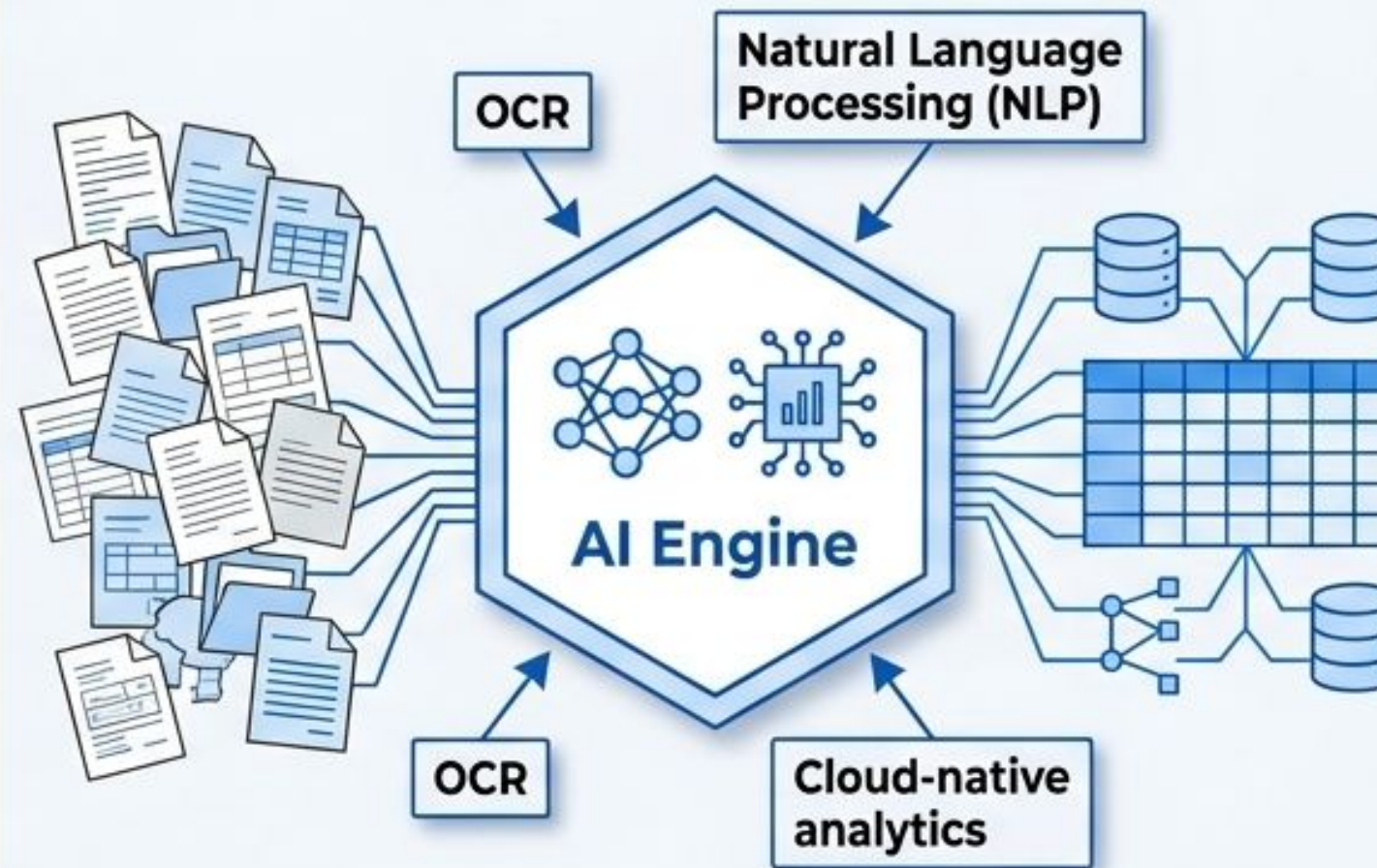
The Catalyst

Industry: Enterprise / Banking / Government

Problem: Data silos and slow manual information extraction/document processing.

PROCESS

Engine



Operating Model: Uses AI to automate document scanning, intelligent Q&A, and predictive analytics.

OUTPUT

The Value

Differentiator: Holistic cross-industry service combining deep data extraction with proactive cybersecurity.

Outcomes:



Higher data accuracy



Shorter processing time



Resilient digital infrastructure