

— PRODUCT OVERVIEW · IMAGE & VIDEO ANALYSIS

The camera sees, **AI understands.**

Most companies already have cameras — on the production line, in the warehouse or across the facility — but 99% of the footage is never reviewed. Omnit builds an AI layer on existing cameras that identifies important objects and events in real time — from monitoring to operational evidence.

The camera sees. The human decides. AI recognizes what is happening — and alerts you when it matters. Not an off-the-shelf camera system: every solution is tuned to a specific task, the company's environment and lighting conditions.

AI layer

built on existing cameras

operational

not just monitoring

context

not a universal model

real-time

instant recognition

An Implementation Partner, Not a Consultancy

We build systems that solve real business problems — tailored to existing operations, sustainable in the long term, for mid-sized and large enterprises. We do not pursue the most fashionable solution; we pursue the best value for money.

Three Pillars, One Partner

AI Factory

Practical AI for enterprise environments: document processing, automation, customer service, image and video analytics, prediction, intelligent search.

Data Solutions

Reliable reporting starts with well-managed data: ETL, BI, master data management, migration, Data Governance.

Custom Development

Business applications, system integrations, process digitization — from frontend to backend, cloud and hybrid.

What Makes Us Different

- **The team that assesses the project also builds it** — from the first workshop to production.
- **We build systems, not disconnected APIs** — frontend, backend, databases, integrations.
- **We start from real operations, not templates.**
- **Modular approach** — complete systems or individual components.
- **We specialize in projects where the challenge is difficult to define.**

KEY MESSAGE

We start with assessment and finish with a working system — and the same team carries the project from the first workshop to production.

Practical AI with Real Business Value — Not Hype

A generic AI subscription is not the same as AI built around a specific business problem, measured and integrated into enterprise operations. We build the latter: complete AI processing pipeline from your data, testing multiple models on the same dataset and selecting the best value-for-money solution.

Core AI Capabilities

- **Document Processing** — invoices, forms, contracts (typically 80% processing time reduction).
- **AI Automation** — replacing repetitive manual processes.
- **Customer Service & Contact Centers** — AI-assisted responses in Hungarian.
- **Image & Video Analysis** — manufacturing and visual quality control, performance measurement.
- **Predictive AI** — quality and behavioral forecasting.
- **Intelligent Search (RAG)** — enterprise knowledge search with source references.

Ready-Made AI Products

- **AI Invoice Posting** — rule-based, audit-ready coding from images and PDFs.
- **AI Conveyor Monitor** — video analytics for operational performance.
- **Intelligent Chatbot** — hallucination-free, RAG-based knowledge assistant.
- **Intelligent Search Engine (RAG)** — answers from documents, not lists.

Every product and service at a glance

AI Factory brings together AI services; Data Solutions creates order in enterprise data; Development builds custom systems. Every engagement starts with a fixed-price assessment.

AI Factory ARTIFICIAL INTELLIGENCE

ENTRY AND LEVELS

AI Opportunity Check

€1,450 • 1 week

★ ENTRY

AI Compass Audit

From €4,950

ADVANCED

AI Pilot

From €7,950

ADVANCED

CAPABILITIES

Document Processing · AI Automation ·
Customer Service & Contact Center · Image & Video
Analysis · Predictive AI · Intelligent Search (RAG) · AI
Agents & Assistants · Customer Behavior Analytics ·
Anomaly Detection · AI Consulting & Training ·
CRM Solutions

READY-MADE SOLUTION

AI Invoice Posting · AI Conveyor Monitor ·
Intelligent Chatbot · Intelligent Search Engine

Data Solutions DATA MANAGEMENT

ENTRY

Data Assessment

From €1,450 • 2–3 weeks

★ ENTRY

CAPABILITIES

Data Preparation & Processing (ETL) · Business
Intelligence & Reporting · Data Cleansing & Validation ·
Master Data Management · Data Migration Management ·
Data Analytics · Oracle & Database Expertise · Specialized
Data Project Management · Data Governance

READY-MADE SOLUTION

CER — Material Master Data Gateway: SAP master
data framework (45 days → 4.5 days)

Custom Development CUSTOM DEVELOPMENT

ENTRY

Solution Concept

From €1,450 • 2–3 weeks

★ ENTRY

CAPABILITIES

UI/UX Design & Business Application Development ·
System Integration · Document & Workflow Management ·
Cloud & Hybrid Solutions · Data Protection & GDPR
Compliance · Handwriting & Form Digitization

READY-MADE SOLUTION

DOCMAN: Enterprise Document Management (Case
Management, QES, Company Gateway)

AI layer on top of existing cameras — from monitoring to operational evidence

The camera feed becomes real-time, reliable and searchable operational evidence — playing three roles at once.

1 Recognizes objects

What it sees in the image: a product, component, vehicle, person, protective equipment or defect in a single frame.

2 Understands events

What is happening: from a sequence of frames it recognizes the process and the change — started, a step was skipped.

3 Provides operational evidence

It highlights the important event, passes it to a human with context — and the recording remains searchable.

IMPORTANT DISTINCTION

This is not a boxed camera system and not a general-purpose "smart camera". We build an AI layer on top of existing cameras and visual sources — every solution is tuned to a specific task, the company's environment and lighting conditions. The system does not make decisions instead of people: it highlights the important event and passes it to a human with context.

Three situations where camera footage remains unused

1

Reviewed after an incident

Monitoring is reactive — by the time someone reviews the footage, the issue has already happened.

2

99% of the footage remains unused

The cameras are there, but almost nobody reviews the footage — the information is lost.

3

Defects found too late

Scrap, congestion and safety risks are identified only when they are already costly.

BOTTOM LINE

Reactive monitoring, defects identified only afterwards and unused camera footage cost money today — 99% of recordings are never reviewed.

Three perspectives, one solution — and where the impact can be measured

The most common application area is industry and manufacturing: quality control, workplace safety and process monitoring. It is most relevant where cameras already exist and visual information is currently unused. The decision is typically made by plant and production management.

Plant / Production Manager

Defects and bottlenecks are only discovered afterwards; scrap and downtime are the main pain points.

Quality / QA Manager

Visual inspection is currently manual and sample-based — real-time verification is the key benefit.

Workplace Safety / Security

Real-time detection of protective equipment, restricted zones and hazardous situations is the key.

Where the change can be measured

Proactive detection

Defects, congestion and risks are identified in real time — not afterwards, when they have already become expensive.

Footage turned into evidence

Previously unused camera footage becomes operational, searchable evidence.

Measurable process

Cycle times, utilization and bottlenecks — decision-support metrics derived from video.

What it does in practice — key capabilities

Object detection

Recognizes products, components, vehicles, people, protective equipment or defects in a single frame.

Event detection

From a sequence of frames, it recognizes the process and the change: started, completed, a step was skipped.

Quality inspection

Visual verification of manufacturing or packaging processes — filtering out defective or incomplete items.

Workplace Safety & Security

Real-time detection of protective equipment, restricted zones and hazardous situations — before an incident occurs.

Process monitoring

Making cycle times, congestion, utilization and bottlenecks visible through video.

Alerts & human handoff

It highlights the important event, passes it to a human with context — and the recording remains searchable.

— THE DIFFERENTIATOR · THE THREE PRINCIPLES

Three principles — built on existing cameras, tuned, human decides

1 Built on existing cameras

Not a boxed camera system: an AI layer built on top of existing cameras and visual sources.

2 Tuned to the task and environment

Every solution is tuned to a specific task, the company's lighting conditions and environment — context-dependent reliability.

3 Alerts, doesn't decide

The system alerts; people decide. It highlights the important event and passes it to a human with context.

WHY IT MATTERS

Reliable visual AI is built on three principles: using existing cameras, a model tuned to the task and environment, and human handoff — the system alerts, the human decides.

Proof of expertise

Core architectural principles

Built on existing cameras

Not a new camera system: an AI layer built on top of existing cameras and other visual sources, leveraging the existing infrastructure.

Tuned to the task and environment

Every solution is tuned to a specific task, the company's environment and lighting conditions — reliability is always context-dependent.

Alerts, doesn't decide

The system recognizes important events and provides the relevant context — the final decision always remains with the human.

What makes IMAGE & VIDEO ANALYSIS different

AI layer on existing cameras

No new hardware — an AI layer built on existing cameras and visual sources.

Not a universal model

Tuned to the task and environment — not a general-purpose "smart camera".

Operational evidence

It does more than monitor: it recognizes important events and provides operational evidence.

Built for industrial environments

Manufacturing, quality and workplace safety — where visual data creates business value.

ABOUT PRICING — HONESTLY

There is no fixed list price — the project cost depends on the number of cameras, the use case and the complexity of the integrations. The real question is not the price, but how much reactive monitoring, late defect detection and unused camera footage cost today — all of which a real-time AI layer turns into operational evidence.

— NEXT STEP

What happens in the footage **while nobody is watching?**

During a 30-minute conversation, we review your existing cameras and the task, then show you which events the AI layer can recognize in real time. If the solution is not the right fit for you, we will tell you that honestly.

Real-time

Recognizes important events in real time.
Proof: from monitoring to operational evidence.

Built on existing cameras

AI layer on existing cameras — not a new camera system.
Proof: tuned to the task and environment.

Human decides

The system alerts; the final decision remains with people.
Proof: with context, fully searchable.

WEB

omnit.hu

SERVICE

Image & Video Analysis · object ·
event · alert

COMPLIANCE

ISO 27001 + 9001

[Request a consultation →](#)

