

— PRODUCT OVERVIEW · HANDWRITING & FORM DIGITIZATION

# Handwriting stays, manual data entry disappears.

At most companies, wherever there is paper, there is also manual data entry: someone opens the completed form, delivery note or handwritten worksheet and manually enters the data into the system. Omni's AI-powered Handwriting & Form Digitization eliminates this manual step.

Handwritten and printed documents become structured, validated data. From handwriting recognition (ICR/HTR) and form structure understanding (IDP) to confidence-based human review and validation — directly into enterprise systems.

handwriting

OCR + ICR/HTR

structured data

IDP, not a text file

validated

confidence + human review

integrated

directly into enterprise systems

## 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 Analytics** — 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)

## From handwriting and forms to data — not just OCR

Structured, usable data is created from handwritten and printed documents — performing three roles at once.

### 1 Reads

Recognition of printed text (OCR) and handwriting (ICR/HTR) — extending automated reading to handwritten content.

### 2 Understands the structure

Not just the text: also the meaning of the fields — which one is the name, date, amount or line item (IDP).

### 3 Validates and transfers

Confidence scoring, validation against master data, then structured transfer into the system.

#### IMPORTANT DISTINCTION

Handwriting & Form Digitization is more than simple OCR: it reads not only printed text, but also handwriting (ICR/HTR) and understands the structure of forms (IDP). The result is not a text file, but structured data — with confidence scoring, validation, and direct transfer into enterprise systems. Handwriting stays, manual data entry disappears.

## Three situations where paper creates manual data entry

1

### Paper means data entry

Someone manually enters completed forms and delivery notes — expensive, slow and prone to errors.

2

### Handwriting is beyond OCR

Traditional OCR handles printed text; handwritten fields remain manual.

3

### A text file is not enough

If the result is only text instead of structured data, importing it into the system is still a manual task.

#### BOTTOM LINE

**Manual data entry, slow processing and data-entry errors still cost money today — wherever there is paper, manual work is usually still part of the process.**

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

Most relevant wherever there are large volumes of paper forms completed by hand or in print, and someone still enters the data manually into the system. The decision is typically made by operations and back-office teams.

### COO / Operations

Replacing manual data entry frees up capacity across multiple departments.

### Back Office / Administration

The manual effort of processing forms and delivery notes is the main pain point.

### IT

Structured, validated data ready for direct integration into enterprise systems.

## Where the impact can be measured

### Less manual data entry

Manual data entry disappears — freeing up capacity for higher-value work.

### Faster processing

Paper documents become structured data immediately — instead of days of manual data entry.

### Fewer errors

Validation and confidence scoring identify incorrect data before it enters the system.

## What it does in practice — the key capabilities

### Printed Text (OCR)

Accurate reading of typed and printed documents — invoices, delivery notes and contracts.

### Handwriting Recognition (ICR/HTR)

Reading handwritten fields, notes and worksheets — extending machine reading to handwritten content.

### Form Structure Understanding (IDP)

Not just the text: also the meaning of each field — which one is the name, date, amount or line item.

### Confidence Scoring

Every field receives a confidence score: reliable fields are automatic, uncertain ones go to human review.

### Data validation

Extracted data is validated against master data and business rules — does the supplier exist, is the value correct.

### Integrated Transfer

The result is structured data transferred directly into the company's systems — not a text file.

## Three principles — recognizes handwriting, understands structure, verifies

### 1 Recognizes handwriting

Not just OCR: ICR/HTR also recognizes handwritten fields — where traditional OCR stops.

### 2 Understands field structure

IDP: not just the text, but also the structure — which field is the name, amount or line item.

### 3 Confidence-based human review

Every field receives a confidence score: reliable fields are automatic, uncertain ones go to human review.

#### WHY IT MATTERS

**It reads not only printed text (OCR), but also handwriting (ICR/HTR) and understands form structure (IDP); confidence scoring automatically processes reliable fields and routes uncertain ones to human review — turning paper into reliable, structured data.**

# Proof of expertise

## Core architectural principles

### Recognizes handwriting

Not just OCR: it also recognizes handwritten fields (ICR/HTR), optimized for Hungarian handwriting. Reliability always depends on context.

### Understands form structure

Not just the text: it also understands the meaning of each field (IDP), turning paper into structured, system-ready data.

### Confidence-based human review

Every field receives a confidence score. Reliable fields are processed automatically, uncertain ones are routed to human review.

## What makes HANDWRITING & FORM DIGITIZATION different

### Recognizes handwriting too

Not just printed text: ICR/HTR also recognizes handwritten fields.

### Structured data, not a text file

The result can be imported directly into enterprise systems — no manual processing remains.

### Confidence-based

Reliable fields are automatic, uncertain ones go to human review — no guesswork.

### Validated

Extracted data is validated against master data and business rules — before import.

## ABOUT PRICING — HONESTLY

There is no fixed list price — pricing is project-based and depends on document types, volume and integration complexity. The real question is not the price, but the cost of manual data entry, slow processing and data-entry errors — all of which handwriting-aware, validated document digitization eliminates.



— NEXT STEP

# How long will paper-based processing **remain manual?**

During a 30-minute consultation, we review your forms and show you how paper becomes structured, validated data — without manual data entry. If the solution is not the right fit for your organization, we will tell you honestly.

## Recognizes handwriting

OCR + ICR/HTR for handwritten fields too.

*Proof: works where traditional OCR reaches its limits.*

## Structured data

Recognizes the meaning of each field — not just a text file.

*Proof: ready for direct import into enterprise systems.*

## Validated

Confidence scoring and validation.

*Proof: errors are identified before the data enters the system.*

### WEB

omnit.hu

### SERVICE

Handwriting & Form Digitization ·  
OCR · ICR/HTR · IDP · validation

### COMPLIANCE

ISO 27001 + 9001

[Request a consultation →](#)

