

COMDATA AI LOMERA Platform

Remove manual work from freight operations — without changing your systems.

SHORT VERSION · TRADE-SHOW & LEAVE-BEHIND

THE PROBLEM

Logistics still runs on manual work

Despite modern ERP and TMS systems, most freight operations are still driven by emails, EDI messages, PDFs and Excel files. Manual data entry, validation and exception handling consume 30–50% of operational time — causing errors, delays and a ceiling on growth without adding headcount.

THE SOLUTION

An intelligent AI layer above your existing systems

COMDATA AI LOMERA Platform sits above your current ERP and TMS — automating email-, EDI- and document-driven logistics processes. It integrates with existing ERP and TMS systems via APIs, MCP or EDI interfaces. No migration, no replacement, no disruption.

MODULE

MODULE COMDATA AI Booking

End-to-end freight booking automation — 24/7.

- ✓ **Accepts requests** via web chat, voice-to-text, or email
- ✓ **Extracts, validates & enriches** all shipment data automatically
- ✓ **Calculates routes and costs** in real time
- ✓ **DCSA compliance & DG checks** multilingual, fully auditable
- ✓ **Delivers structured bookings** directly into your ERP/TMS via API — no re-keying

OPERATIONS DASHBOARD

Full visibility into every transaction.

Audit log · Exception queue & management · Processing statistics · System configuration
Everything the platform processes is traceable, reviewable and actionable — in one place.

WHAT YOU GAIN

Faster bookings & response times	Fewer errors & exceptions	More volume, same headcount	GDPR-native, auditable
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COMDATA AI LOMERA Platform

Remove manual work from freight operations — without changing your systems.

FULL VERSION · SALES CONVERSATION & EMAIL
ATTACHMENT

1. THE MARKET PROBLEM

Manual work is the biggest cost in logistics operations

Most logistics companies have invested in modern ERP and TMS software — yet the day-to-day reality is still driven by:

- Booking requests and status updates received by email or EDI
- PDFs, Excel files and attachments that must be re-keyed by hand
- Legacy EDI infrastructure that is costly to maintain and extend
- Manual validation, exception handling and error correction

30–50% of operational time is consumed by manual data processing.

The result: errors, delays, slow response to customers, and a hard ceiling on growth — you can only scale volume by adding headcount.

2. THE PLATFORM

COMDATA AI LOMERA Platform

COMDATA AI LOMERA Platform is a modular, multi-tenant SaaS platform that acts as an intelligent AI layer above your existing ERP and TMS. It automates the communication-driven workflows that your current systems were never designed to handle.

The platform integrates with existing ERP and TMS systems via APIs, MCP or EDI interfaces — no migration, no vendor lock-in, no disruption to existing processes.

How it works

Input channels	AI engine	Output to your ERP/TMS
Email · EDI · PDF · Excel · Web chat · Voice-to-text · API / MCP	Extraction · Validation · Enrichment · Confidence scoring · Full audit trail	Structured, ERP-ready data delivered via secure API or EDI — no re-keying

Human-in-the-loop by design.

Every AI action is transparent and auditable. Confidence scoring surfaces exceptions for human review — so your team stays in control of the process, not buried in it.

3. FIRST PRODUCTION MODULE

MODULE COMDATA AI Booking*End-to-end freight booking automation. Live 24/7.*

- ✓ **Accepts booking requests** via web-based chat interface, voice-to-text, or email
- ✓ **Extracts and validates** all shipment data — origin, destination, cargo type, weight, dimensions
- ✓ **Enriches data** fills gaps, resolves ambiguities and normalises values to ERP-ready format
- ✓ **Calculates routes and costs** in real time based on your rate structures
- ✓ **DCSA compliance & DG checks** built-in, multilingual, fully auditable
- ✓ **Delivers structured bookings** as JSON or EDI directly into your ERP/TMS via API — no re-keying

COMDATA AI Booking is the first of a growing module library. Further automation modules — track & trace, document processing, ETA management, invoice validation — are on the roadmap.

4. OPERATIONS DASHBOARD**Full visibility into everything the platform processes**

Every transaction processed by the platform is visible, traceable and manageable through the built-in Operations Dashboard:

Audit log	A complete, immutable record of every message received, every AI action taken, and every output delivered. Supports GDPR accountability and quality reviews.
Exception queue	All items where confidence scoring fell below threshold are flagged and queued for human review — with full context and a one-click resolution workflow.
Exception management	Operators can review, correct, approve or reject exceptions directly in the dashboard. Corrections feed back into the AI to improve future processing.
Statistics & reporting	Volume throughput, processing times, error rates, exception rates and booking outcomes — at platform level, by module, or by integration.
Configuration	Manage integration settings, validation rules, routing logic, user access and notification preferences without developer involvement.

5. WHAT YOU GAIN**Measurable operational improvements — from day one**

Faster response times	Booking requests handled around the clock, without queuing for a human operator.
Fewer errors	Automated extraction, validation and enrichment eliminates manual keying mistakes and their downstream consequences.

Lower cost per booking	Less manual processing means lower cost without reducing throughput.
Scalable without hiring	Handle growing volumes without proportional headcount growth.
GDPR-native & auditable	Every action is logged, traceable and compliant. Full audit trail out of the box.
Minimal implementation risk	No system replacement. Works above your existing software from day one.

Ready to reduce manual work?

Request a demo · Discuss a pilot deployment · Strategic partnerships welcome
[Website] · [Email] · [Phone]