



chioro

[kio:ro]

AI-augmented data processing

Chaos in. Order out.

A PRODUCT BY MGM TECHNOLOGY PARTNERS

Data arrives on its terms. Not yours.

The problem is not a **lack of data** . It is data that cannot be trusted until someone has cleaned it.

Every organisation receives data from outside — suppliers, partners, legacy systems, exports. It never arrives in the format you need. Column names differ. Units are mixed. Fields are missing, duplicated, or buried in free text. Categories use internal codes no one else understands.

The result: **hours of manual work before the data is usable**. Spreadsheet gymnastics. Bespoke scripts that break when the source changes. Errors that reach production. And it repeats — every import, every supplier, every system migration.

AS RECEIVED — HARTMANN SUPPLIER FEED						
EAN_Nr	WGR	Produktbezeichnung	VK_Preis	Bruttogewicht	Abmessungen	Farbcode
1000000025279	Kopfhörer	AirPods Max	EUR 603.90	0.4 kg	16.8/8.5/19.2	Blue
1000000000009	kopfhörer	Momentum 4	269,1	0.29 kg	18.8 x 8.0 x 20.5cm	weiss
1000000046847	Smartphones	Galaxy S24 Ultra	1299	232 g	16.2 x 7.9 x 0.9cm	Titan Schwarz
1000000001914	Notebook				32,4 x 21,7 x 1,8 cm	Argent

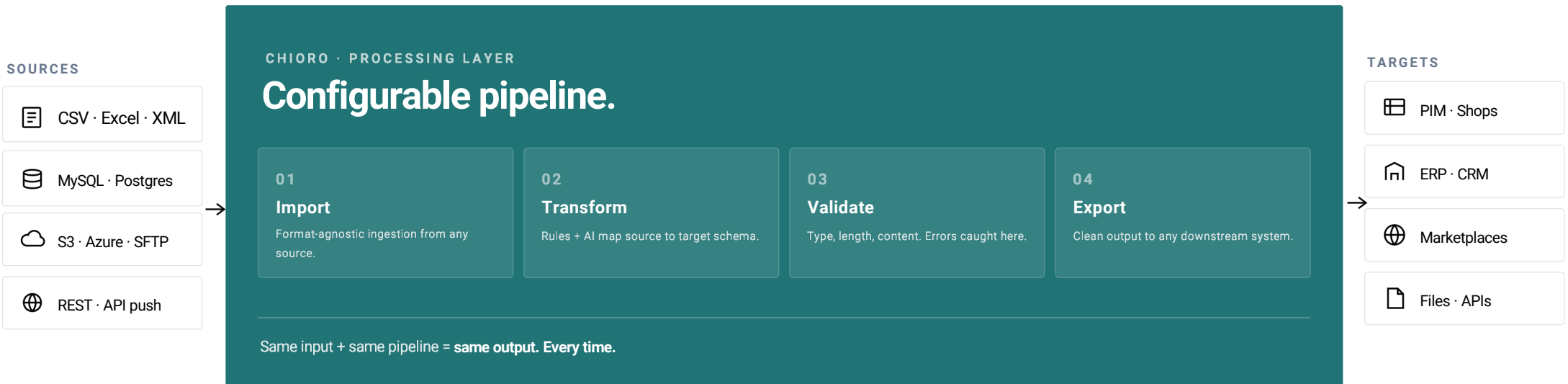
AFTER CHIORO — SCHEMA-CONFORMANT

gtin	product_type	product_name_en	retail_price_eur	gross_weight_kg	length_cm	width_cm	height_cm	primary_color
1000000025279	Headphones	AirPods Max	603.90	0.40	16.8	8.5	19.2	Blue
1000000000009	Headphones	Momentum 4	269.10	0.29	18.8	8.0	20.5	White
1000000046847	Smartphone	Galaxy S24 Ultra	1299.00	0.232	16.2	7.9	0.9	Black
1000000001914	Laptop	EliteBook 840 G10	1214.00	1.37	32.4	21.7	1.8	Silver

One platform. Any data in. Clean data out.

Chioro is a **data processing platform**. it takes raw, messy, or fragmented data from any source, transforms and validates it, and delivers clean, structured data to any target system — automatically.

Think of it as a processing layer that sits between your sources and your systems. Raw data flows in one end. Trusted, schema-conformant data comes out the other. What happens in between is a configurable pipeline of operations — combining deterministic rules with targeted AI — that runs the same way every single time.



From messy data to trusted output without a development team.

01

DEFINE THE TARGET

Start with a schema.

The data structure your downstream system needs. Attributes, types, mandatory fields, allowed values. This is the contract everything else in the pipeline works towards — and the guardrail that keeps every output correct.

02

BUILD THE PIPELINE

AI does the heavy lifting.

Describe what you need, point Chioro at your source data or API, and AI generates the connectors, rule sets, and transformation logic. You review, adjust, and confirm. What was previously a development project, becomes a configuration task — completed in hours, not weeks.

03

RUN IT

The same way, every time.

Once built, the pipeline executes deterministically. 60+ built-in processing functions handle transformation, enrichment, and validation. Rules are explicit, auditable, and versioned in Git. Same input, same pipeline, same output — every single run.

AI accelerates the build. Rules guarantee the result.

AI purposeful. Schema-constrained.

Never a black box.

AT SETUP TIME

AI builds deterministic pipelines.

The default outcome of any AI operation: a reusable processing asset that then runs without AI on every subsequent record.

✓ **Connector generation**

Point AI at an API spec — it reads the docs, generates a working connector, and the connector runs deterministically from then on.

✓ **Flow modelling**

Provide source sample, target schema, plain-language goal. AI models the complete pipeline. You review and run it.

✓ **Rule generation from natural language**

"Extract the unit from the product title and convert to SI." Chioro generates the rule. It runs identically on every record.

✓ **Attribute mapping**

AI resolves naming and structural differences across source and target. Confirmed mappings then run deterministically.

AT PROCESSING TIME

When rules genuinely aren't enough.

For source data too variable for static rules — free-text product descriptions, irregular supplier records — AI processes each record individually, constrained by the schema.

✓ **Per-record attribute extraction**

OpenAI / Azure OpenAI extracts structured values from unstructured content and populates target schema fields.

✓ **The schema is the guardrail**

AI cannot produce output outside the defined structure. Missing values are left blank — validation rules then apply, as always.

Not a PIM. Not an ETL. Not an AI black box.

	PIM / MDM	TRADITIONAL ETL	AI-ONLY TOOLS	CHIORO
Stores data permanently	●	—	—	— <i>by design</i>
Transforms & cleanses data	<i>limited</i>	●	<i>limited</i>	●
AI-assisted mapping & extraction	—	—	●	●
Schema-constrained, auditable output	<i>limited</i>	—	—	●
Business-user configurable	—	—	—	●
No implementation project required	—	—	●	●

Chioro is the **processing layer** that connects sources, PIMs, ERPs, and target systems — without replacing any of them. It does what none of them do alone: combine rule-based reliability with AI intelligence, constrained by a schema, configurable without a development team.

The outcomes that **matter**.



Faster time to value.

New data sources, supplier onboarding, and system integrations go from weeks to days. No implementation project. Productive from day one.



Less manual work.

Automates what teams currently do in spreadsheets or bespoke scripts. Recurring pipelines run unattended. One-time transformations execute with confidence.



Data you can trust.

Schema-conformant output. Validation catches errors before they reach downstream systems. Every run is identical and reproducible. Every change is versioned and reversible.



Built for your architecture.

Format-agnostic. Connects via file, database, REST, or cloud storage. Extends with JavaScript and custom connectors. Fits existing infrastructure without forcing changes.

NEXT STEP

See it in action.

The best way to understand Chioro is to see a real data transformation — from a messy supplier CSV to schema-conformant, validated output — in under 45 minutes. We'll walk you through a live pipeline built on your own data or a representative example from your industry.

CONTACT

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PRODUCT

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