



Paper in. Passport out.

Compliance, traceability and digital product passports for the Bangladesh garment industry — built on one Data Engine.



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01

Overview



What Trazir does

Suppliers send documents in any format and any language. Trazir turns them into structured, verified compliance data.

01

Read

Excel sheets, scanned PDFs, mill certificates and photographs are read as they arrive. Nothing is rejected for being the wrong shape.

02

Structure

Each document is matched to its order and style, versioned, and checked against the EU product-passport requirements.

03

Prove

The output is a QR passport, audit-ready reports, and a clear list of what is still missing — before an audit finds it.

The problem it solves

Data arrives as paper

Test reports are scans. Certificates are PDFs. Declarations are photographs. No supplier will adopt a new schema because a buying house asked.

Nobody owns the chain

Evidence lives in inboxes, laptops and chat groups. When the buyer asks months later, it is rebuilt from memory.

Complete is not evidenced

A green cell in a spreadsheet proves nothing. What survives an audit is a claim with a dated source document behind it.



02

Products



Product modules

MODULE	WHAT IT DOES	STATUS
Data Engine	Reads any layout or language; extracts fields, scores confidence, links to order and style	Available
DPP	25-item ESPR checklist, versioned QR passport, public viewer in 19 languages	Available
Compliance	Order-level carbon, HIGG FEM 3.0 and Sedex SMETA 6.1 report packs	Available
Orders & Styles	Order → style → factory assignment, with an audit trail on every record	Available
Production Planning	TNA, lines, WIP, quality, attendance, downtime and lead time	In development
ASCO	Risk scoring, AI factory advisor, compliance chat over your documents	In development

03

Data Engine



How the Data Engine works

01

Ingest

Accepts mixed formats and languages, exactly as suppliers send them.

02

Extract

Reads each field and gives it a confidence score.

03

Link

High-confidence data attaches itself to the right order and style. Uncertain data goes to a review queue — never guessed.

04

Protect

A checksum stops the same document being counted twice. Every change is recorded.



One engine, many outputs

Digital Product Passport

A QR passport with immutable versions and a public page in 19 languages.

Carbon figures

Order-level carbon from factory energy logs and worker hours, not estimates.

Nothing is re-keyed. Data is entered once and reused everywhere.

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Compliance reports

HIGG FEM 3.0 and Sedex SMETA 6.1 packs built from the same records.

Gap list

A named list of every missing item, visible before the buyer or auditor asks.



04

Trazir V2



A dynamic data ingestion engine

V2 moves the Data Engine from documents to live systems. A Data Engineering core connects directly to the software a business already runs.

Connects to ERP systems, APIs and existing software — no manual upload

Ingests data continuously and structures it into one common, standards-based model

Validates, versions and keeps a full audit trail on every record

Prepares clean data for DPP, compliance reporting and any further use



V2 architecture

Sources

CONNECTED SYSTEMS

- ERP systems
- APIs and web services
- Existing factory software
- Documents and spreadsheets



Data Engineering core

TRAZIR DATA ENGINE V2

- Ingest — dynamic connectors
- Validate — scoring and review queue
- Structure — CEN-standards model
- Version — full audit trail



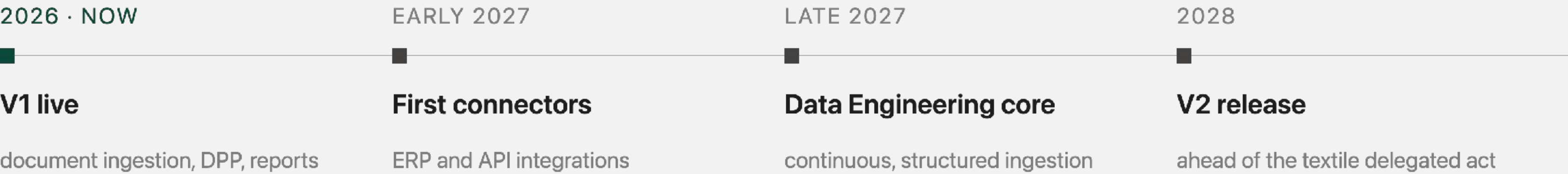
Outputs

READY-TO-USE DATA

- Digital Product Passports
- Compliance reports and audits
- Buyer and registry submissions
- Analytics and further uses



Roadmap



V1 is running today at www.trazir.com. V2 builds the connected data layer underneath it.



05

Regulatory context



Key dates

DATE	EVENT	WHY IT MATTERS	REFERENCE
15 Jul 2026	Six CEN DPP standards cited in the EU Official Journal	EN 18216–18223 define the shared data model Trazir is built to	Implementing Decision (EU) 2026/1736; mandate M/604
20 Jul 2026	EU DPP Registry goes live	Passports need a sealed, resolvable URL; third parties may register for a brand	Implementing Regulation (EU) 2026/1778, in force 6 Aug 2026
24 Nov 2026	Bangladesh graduates from LDC status	EU duty-free access (EBA) continues only until Nov 2029; compliance protects the margin	UN General Assembly resolution, 24 Nov 2021
2027 → 2028/29	Textile delegated act, then application	Adoption expected 2027; applies about 18 months later. Structured data by then wins the reference accounts	ESPR Working Plan 2025–2030; Regulation (EU) 2024/1781

Sources: EUR-Lex (OJ L 2026/1736, 2026/1778) · CEN-CENELEC · EC ESPR Working Plan 2025–2030 · UN-OHRLLS

Under ESPR the passport of record belongs to the EU brand. What can be owned is the data pack behind it — and the audit trail that stands behind that.

— Trazir's design principle





Thank you

Trazir — Compliance & Traceability for Bangladesh
RMG. Live at www.trazir.com.

