inflow.ai

INDUSTRY SOLUTION

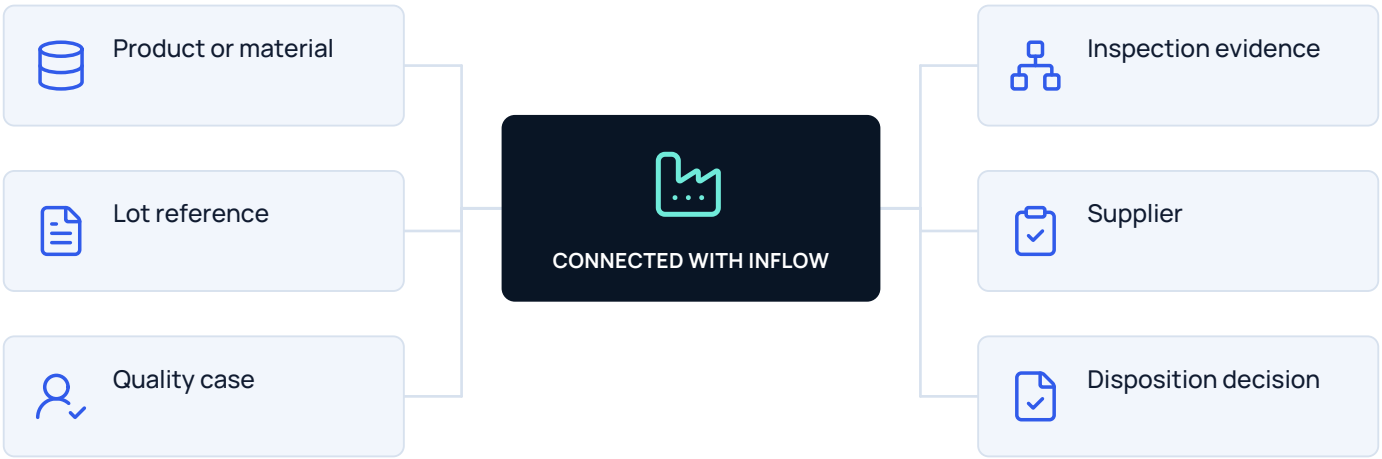
Inflow for Manufacturing

Connect the decisions around production.

Coordinate quality cases, supplier information, engineering changes and operational approvals across the manufacturing enterprise. Connect the work around existing production systems with clear human responsibility.

CONNECTED INDUSTRY CONTEXT

The information behind the next action.



Illustrative industry information model

Manufacturing exceptions connect a product or material reference to inspections, supplier communications, disposition decisions and follow-up work. When those records are separated, the next responsible action becomes harder to see. Inflow can provide a configured case and decision journey around the manufacturer's existing operational systems.

INDUSTRY OPPORTUNITIES

Six journeys. One connected platform.

Configure the information, decisions and handoffs around the work your teams are responsible for.

Quality exception cases

Collect inspection findings and supporting evidence, associate affected references and route disposition to authorized quality staff.

An owned quality case with visible evidence and decision gates.

Interface Designer / Lifecycles / Document management / Rules engine

Supplier onboarding and review

Coordinate supplier documentation, qualification tasks, commercial reviews and approved supplier-record updates.

A structured supplier journey across procurement and quality.

BPM / Data models / Human approvals / Integrations

Engineering change coordination

Connect change proposals to affected references, supporting assessments, review tasks and authorization gates.

A traceable administrative change process before operational execution.

Lifecycles / BPM / Document management / Access control

Corrective-action follow-up

Create assigned follow-up work from an approved review and collect completion evidence for human evaluation.

Visible ownership from an issue to reviewed follow-up.

Human tasks / Events / Operational reports / Document management

Maintenance request administration

Coordinate requests, asset references, planned handoffs and completion records around the established maintenance process.

A connected administrative workflow without replacing equipment controls.

Business applications / BPM / Integrations / Lifecycles

Production support knowledge

Prepare permitted specifications, correspondence and case material for a responsible reviewer using AI assistance.

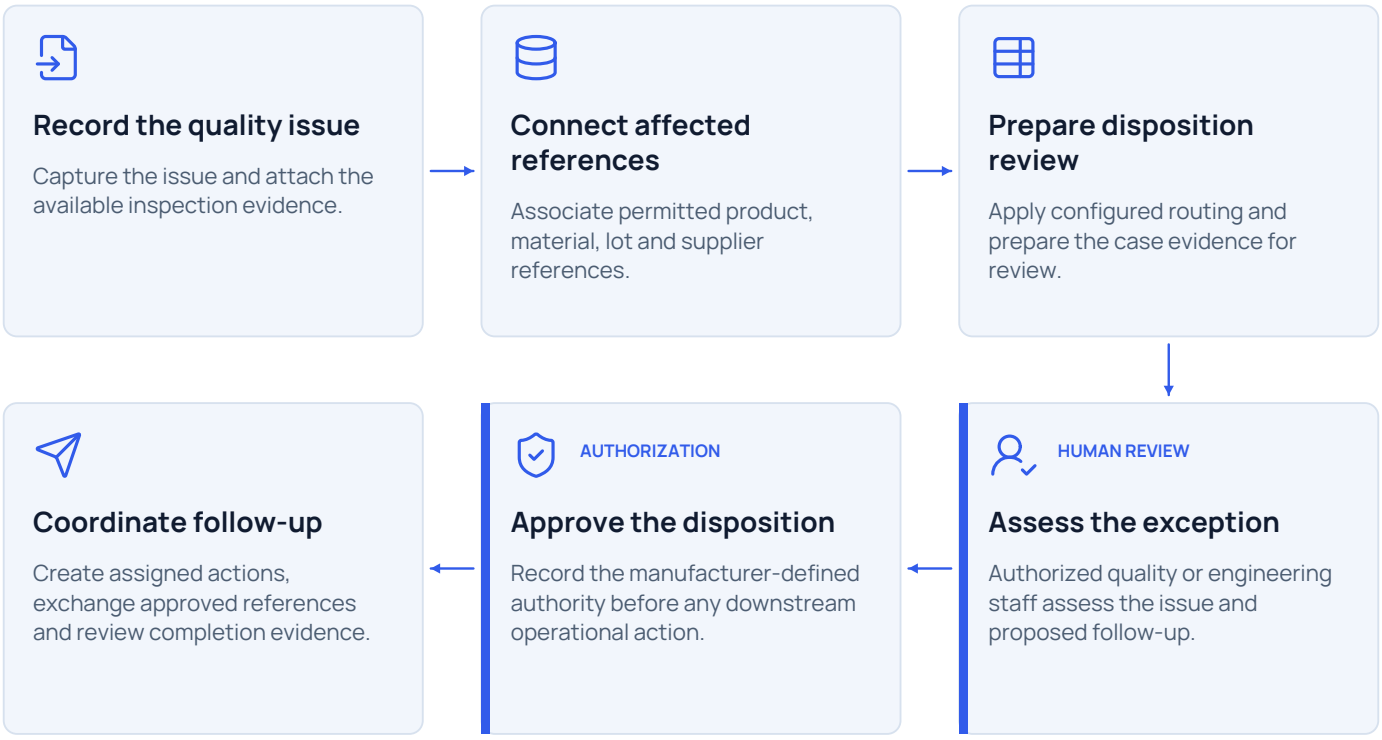
A contextual review pack rather than an unsupported autonomous disposition.

AI agents / Data fabric / Document management / MCP

JOURNEY AND DECISIONS

From request to accountable action.

An illustrative configured journey. Human review and authority are explicit parts of the design.



Illustrative quality-case routing

Evidence	Review scope	Owner	Next action
Incomplete	Not ready	Quality intake	Gather required evidence
Available	Supplier-related	Supplier quality reviewer	Review and coordinate supplier response
Available	Engineering assessment	Authorized engineering reviewer	Assess proposed disposition
Review complete	Disposition approval	Authorized quality approver	Approve or return for assessment

Example administrative routing. Product release, safety assessment and production control remain subject to the manufacturer's qualified procedures and authorized systems.

PLATFORM AND OPERATING CONTEXT

One platform. The context to act.

Sovereign AI, agentic automation and modern digital transformation. Connect the platform capabilities needed for your industry journey.

Enterprise context

Data models, relationships, data fabric, queries and permitted information.

Intelligence and business logic

AI agents, MCP, rules, BPM, lifecycles and human review.

Experiences and action

Interface Designer, applications, documents, integrations and operational insight.

Connect existing systems.

- ERP, quality and manufacturing execution systems
- Product and engineering document repositories
- Supplier, asset and maintenance-management systems

Define the controls.

- Separate case preparation from quality disposition authority.
- Preserve controlled engineering and production records.
- Define integration scope before operational updates.

See Inflow in your operating context.

Explore a quality, supplier or engineering-change journey.

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