



Manufacturing

Production operations, quality management, and supply chain workflows — governed, AI-assisted, audit-ready

INDUSTRY USE CASES

THE CHALLENGE

| What manufacturers face today



Disconnected shop floor to office

Production data, quality records, and supplier information scattered across MES, ERP, and spreadsheets — no unified view.



AI adoption with operational safety

AI can transform quality inspection and predictive maintenance — but integrating it with safety standards and audit is the barrier.



Manual quality & compliance

Teams spend hours on inspection paperwork, non-conformance reports, and compliance documentation — time taken from production.



Regulatory & certification pressure

ISO 9001, industry standards, customer audits, and environmental regulations — compliance evidence is manual and fragmented.

USE CASES

Across production and operational lifecycle

Production Order Management

Order intake, scheduling, material allocation, production tracking, and dispatch coordination.

Forms

Flows

AI

Quality Inspection & NCR

In-process inspections, non-conformance capture, root cause analysis, corrective actions, and disposition.

Forms

Flows

Notifications

Supplier Onboarding & Management

Supplier qualification, document collection, compliance verification, performance tracking, and renewal.

Flows

AI

Approvals

Maintenance & Asset Management

Preventive schedules, work orders, spare parts tracking, downtime logging, and equipment lifecycle.

Forms

Integrations

Safety & Incident Reporting

Workplace incidents, near-misses, hazard identification, investigations, and corrective actions.

Flows

Approvals

Certification & Compliance

ISO 9001, environmental standards, customer audits, export regulations — evidence tracked and versioned.

Checklists

Audit

FEATURED WORKFLOW

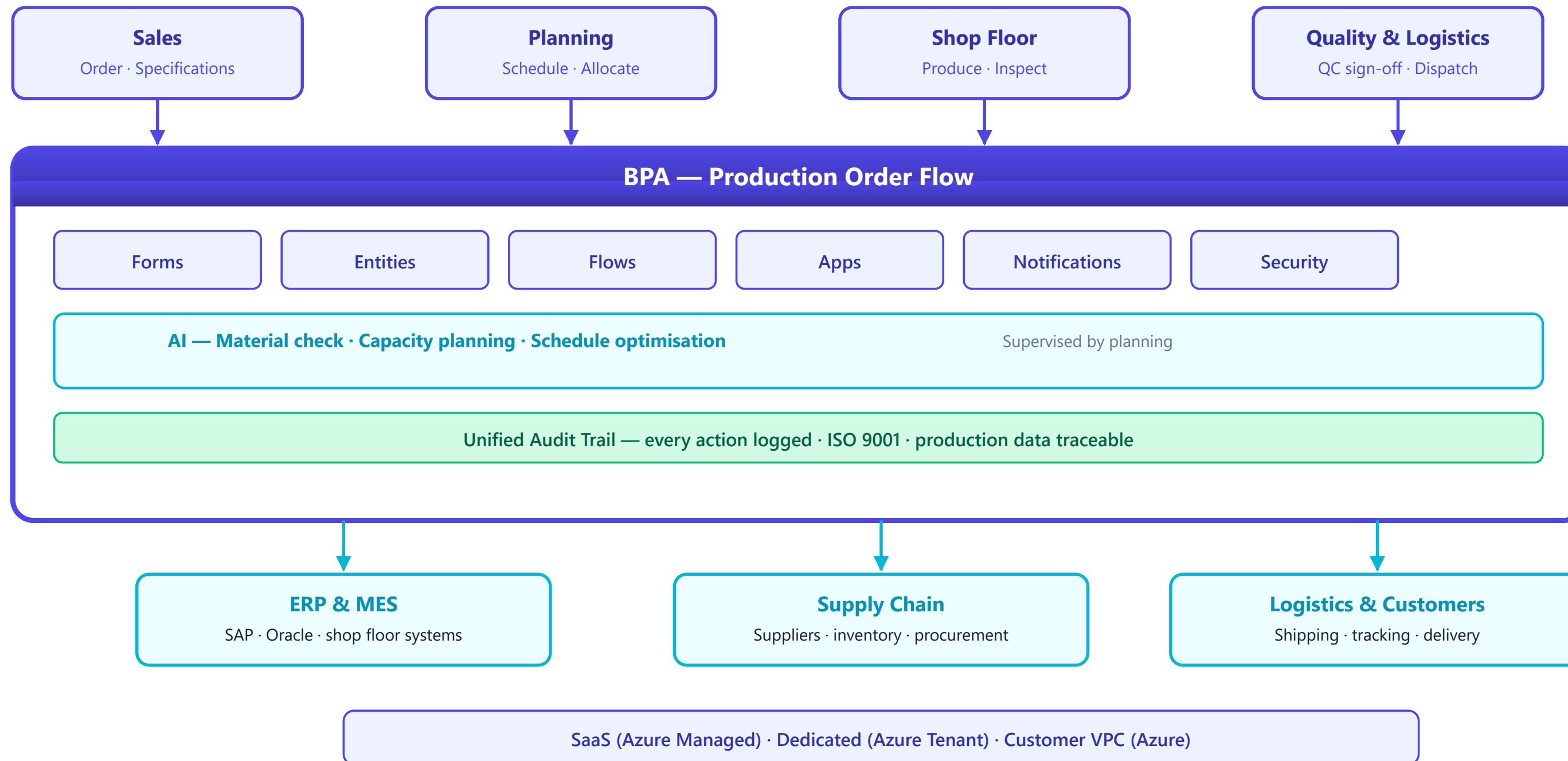
Production order — from intake to dispatch

Sales, planning, shop floor, quality, and logistics — coordinated in one flow.



Days → hours. Every order is planned, produced, inspected, and dispatched — with a complete audit trail.

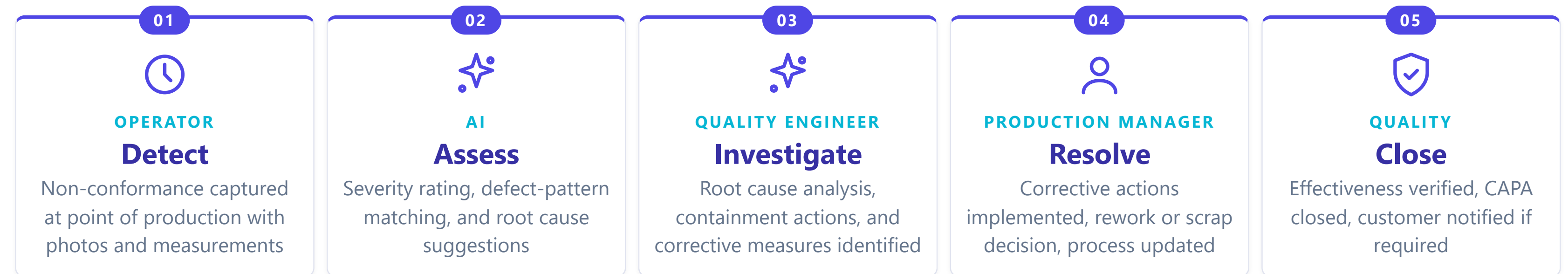
Who's involved — and how BPA connects them



FEATURED WORKFLOW

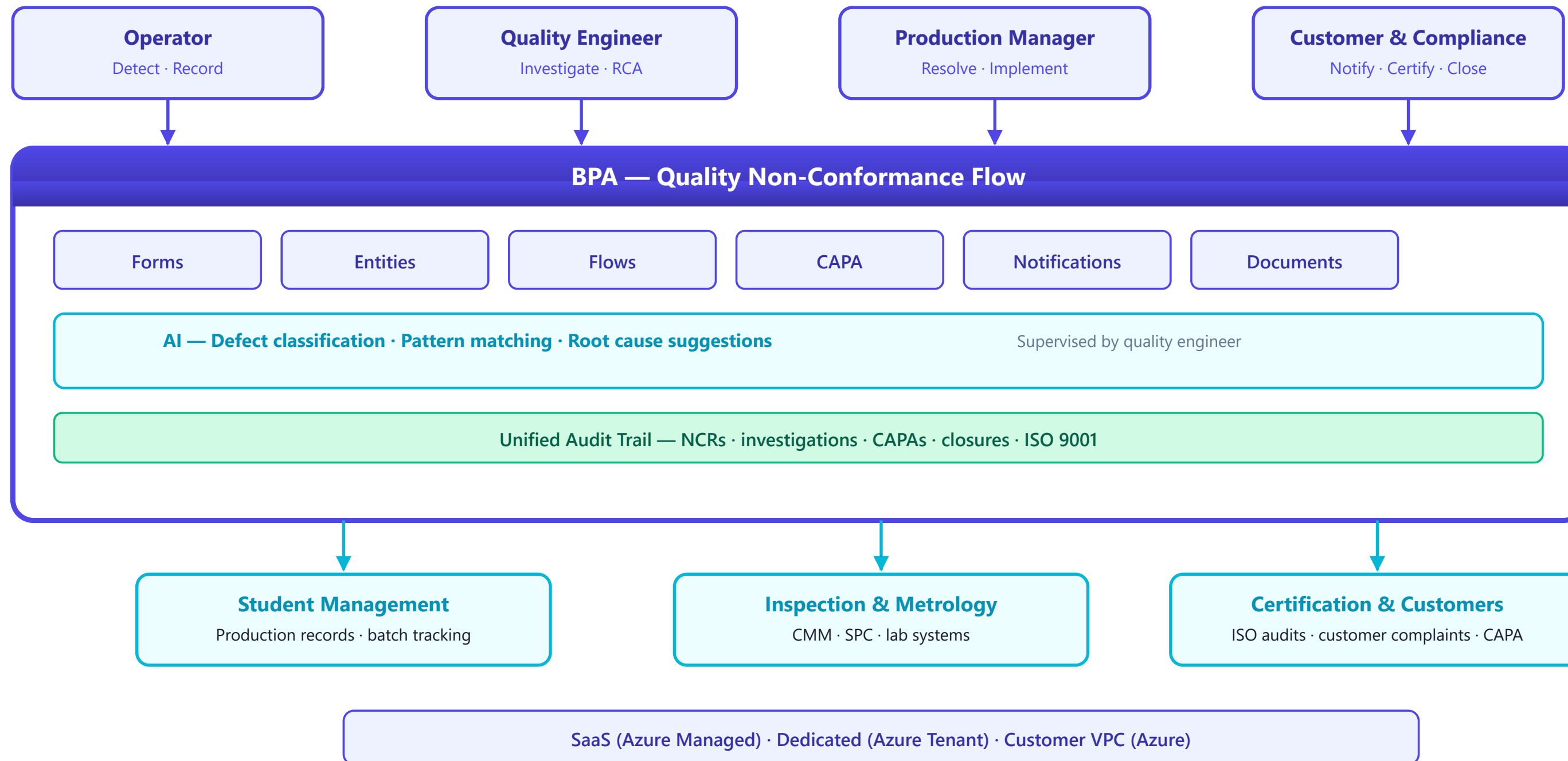
Quality non-conformance — from detection to closure

Operators, quality engineers, production managers, and customers — coordinated in one governed flow.



Zero defects, full traceability. Every NCR, investigation, action, and closure in one traceable record.

Who's involved — and how BPA connects them



WHY BPA

Built for the way manufacturing actually works



Configuration, not code

Production forms, quality workflows, and compliance rules are declarative configuration — your team can read, change, and own them.



AI where it helps

Defect classification, pattern matching, schedule optimisation — AI assists at the steps that slow production down. Humans decide.



Audit-ready from day one

Every action — human and AI — is logged in a unified audit trail. ISO 27001 certified. Region-specific data residency.

WHAT BPA DELIVERS

Configured to your operations — not a one-size-fits-all template

BPA adapts to your specific operations through declarative configuration — entities, forms, flows, and apps tailored to how your team works.

Entities

Products, orders, suppliers, equipment, NCRs, compliance records — modelled to your operation.

CDM

Pre-built

Forms

Production orders, inspection checklists, NCR reports, supplier assessments — configured to your needs.

Configurable

Flows

Production workflows, quality escalations, CAPA chains, certification gates — configured for your operation.

Configurable

Lookup Data

Product codes, defect categories, ISO standards, equipment types — reference data configured to your operation.

JSON bundles

Apps

Production dashboard, NCR register, compliance tracker, maintenance log — screens for every role.

Role-based

Security Policies

Production data isolation, field-level access, role-based controls — operational governance built in.

Pre-configured

NEXT STEPS

Let's map your manufacturing operations

- 1. Discovery** — walk us through your production line, quality processes, and current pain points.
- 2. Walkthrough** — we show you how BPA applies to your specific production and quality workflows.
- 3. Evaluation** — hands-on access to explore BPA with your team.
- 4. Next steps** — we agree on scope, timeline, and how to move forward.