

Deployment & Integration Support

Help rolling out and integrating the Sensorium™ hardware and the 5Tech Platform with the systems you already run — commissioning support, integration with your existing tools and PLC/SCADA, documentation, and operator training and handover, scoped to your project.

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5TECH · SERVICE

Deployment & Integration Support

Deployment & Integration Support — help rolling out and integrating Sensorium™ hardware and the 5Tech Platform with your existing systems: commissioning support, operator training, and integration with your ERP, EAM, and PLC/SCADA.

Figure FIG-001 — Deployment & Integration Support brings commissioning help, operator training, and integration with your existing systems together for your project.

Who this is for

Deployment & Integration Support is the engagement for moving from a validated pilot into production — rolling the system out and integrating it with what you already run. It is the right fit when:

- a **Pilot & Proof-of-Value** (or an equivalent evaluation) has already demonstrated the value of the Sensorium™ hardware and the 5Tech Platform, and you want help putting it into service;

- the deployment has to live **alongside and inside** your existing systems — ERP, EAM, and PLC/SCADA — rather than beside them as another disconnected silo;
- commissioning the hardware, training the people who will run it, and producing the documentation you expect for audit and continuity all have to happen together, on a coordinated schedule.

Problems we solve

- **Consistent rollout.** A pilot proves one configuration at one location. Putting it into production means reproducing that consistently across the equipment variants and network conditions in scope. We help standardise a reference design and roll out in planned steps so the deployment behaves predictably.
- **Integration, not isolation.** The value of the Platform comes from it working *with* your existing systems. We help connect its monitoring, automation, and AI-assisted reporting to your ERP, EAM, and PLC/SCADA so events can become work orders and data flows where it should — with your team deciding how it is used.
- **Commissioning support.** Installing and verifying Sensorium™ Gateways, Safety Zone sensors, and Smart Bolts across the sites in scope is a logistics and quality problem. We help commission methodically and verify each install against the agreed acceptance criteria.
- **Operator readiness.** Technology no one is trained on does not get used. We train the operators and maintainers who will run the system day to day.
- **Continuity and audit.** A production system needs as-built documentation, runbooks, and a clean handover — not tribal knowledge. We produce them as part of the deployment.

What you get (deliverables)

Scope for each item is agreed during discovery; the rollout scope and the schedule are defined per engagement, not assumed.

- **Rollout plan & reference architecture** — the standardised design, integration map, network and security plan, and a phased rollout schedule scoped to your project.
- **Commissioned hardware** — Sensorium™ Gateways, Safety Zone sensors, and Smart Bolts installed, configured, and verified across the agreed scope.
- **Integrations with your existing systems** — the 5Tech Platform connected to your ERP, EAM, and PLC/SCADA, with data flows validated against the acceptance criteria.

- **Configured Platform** — monitoring dashboards, automation workflows, and alert rules configured for your operations, with AI-assisted reporting set up where useful.
- **Training** — hands-on operator and maintainer training for the teams who will own the system.
- **Documentation set** — as-built records, integration specifications, runbooks, and a handover package.
- **Handover** — a clean transition into your team's day-to-day operation, optionally continuing with 5Tech **Monitoring & Maintenance Support**.

How we work

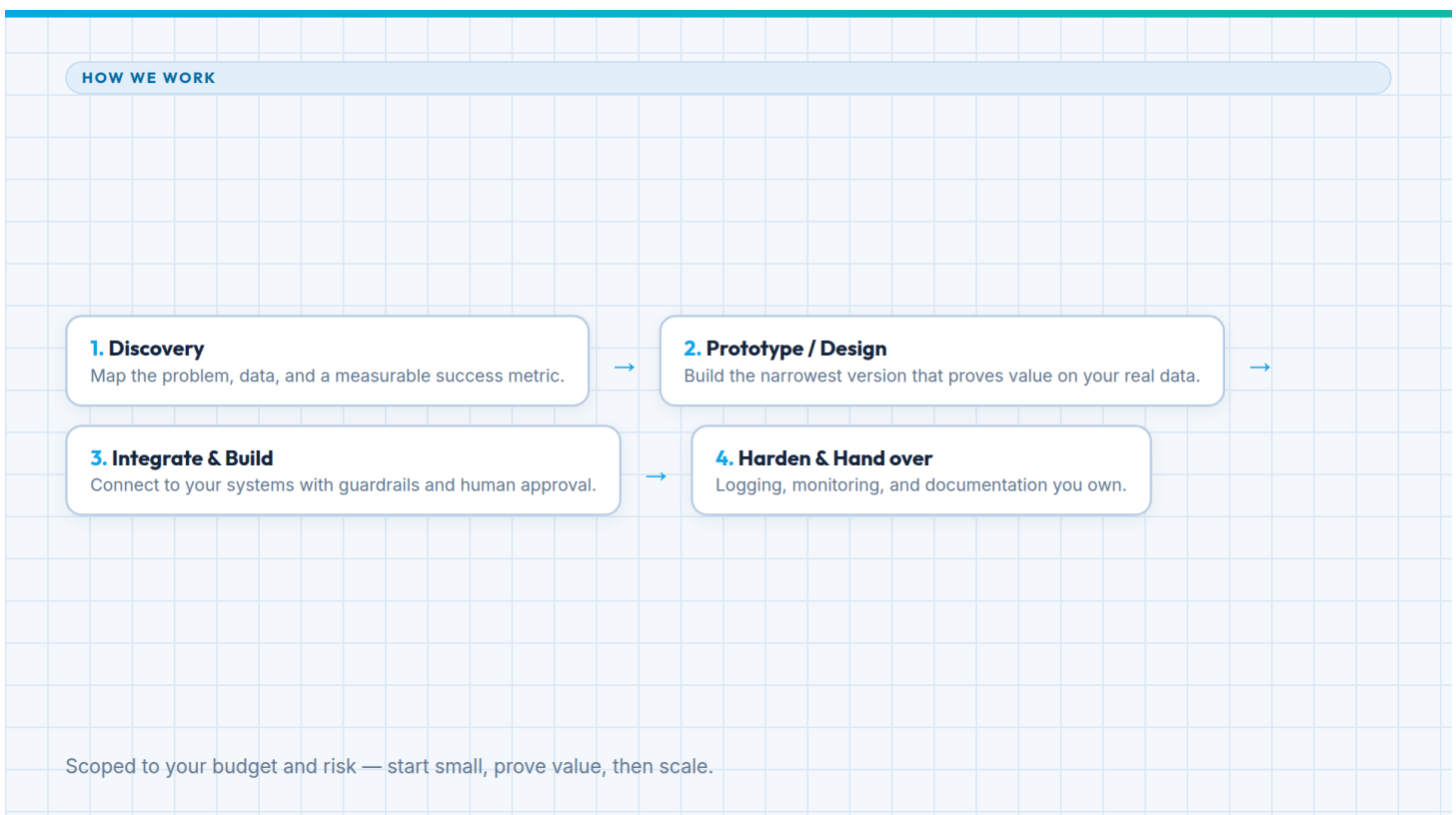


Figure FIG-002 — The five-phase engagement — discover, design, commission, integrate, then train and hand over — following a proof-of-value pilot and leading into ongoing monitoring & maintenance support.

The engagement runs in five phases. It typically follows a **Pilot & Proof-of-Value** and can lead into **Monitoring & Maintenance Support**; the duration and rollout scope are set by the size and complexity of the deployment.

- 1. Discover.** Survey the sites in scope, review the existing ERP, EAM, and PLC/SCADA systems, and agree the rollout scope and acceptance criteria.
- 2. Design.** Produce the reference architecture, the integration mapping, and a phased rollout plan with the supporting network and security design.

3. **Commission.** Install and commission the Sensorium™ hardware — Gateways, Safety Zone sensors, and Smart Bolts — across the agreed scope in planned steps, verifying each install against the acceptance criteria.
4. **Integrate.** Connect the 5Tech Platform to your ERP, EAM, and PLC/SCADA, and validate the data flows before they are relied on.
5. **Train & hand over.** Train the operators and maintainers, deliver the as-built documentation and runbooks, and hand over cleanly — into your own operation, optionally with ongoing Monitoring & Maintenance Support.

Example use cases

- **Fleet monitoring rollout.** Help roll the Fleet Management solution out across the assets in scope — Gateways for connectivity and alert rules for prioritising events — integrated with your EAM so maintenance signals can be raised as work orders for your team to action.
- **Construction site monitoring rollout.** Deploy Safety Zone sensors and Smart Bolts across the active sites in scope, feeding the Platform's monitoring dashboards, with hazard alerts and records flowing into your ERP and EAM.
- **Manufacturing with PLC/SCADA integration.** Instrument the plant and integrate the Platform with the existing PLC/SCADA so alerts and reports sit alongside your established control systems rather than around them, with an audit trail your team can rely on.

Related services & industries

- **Comes after: Pilot & Proof-of-Value** — validates the case on a bounded scope before you commit to a wider rollout.
- **Leads into: Monitoring & Maintenance Support** — an optional retainer to help keep the system healthy once you are live: device-health checks, dashboard and alert tuning, and updates.
- **Draws on engineering capability as needed:** Embedded Systems & IoT, AI Automation & Agents, Robotics & Automation, Machine Vision & Computer Vision, and Custom Engineering & Consulting for site-specific work.
- **Built on:** the Sensorium™ product family — **Gateway**, **Safety Zone**, and **Smart Bolt** — and the **5Tech Platform** (monitoring, automation, and AI-assisted reporting). See their datasheets and manuals for specifications and operation.
- **Typical industries:** Manufacturing Automation, Warehouse Robotics, Smart Buildings & IoT, and construction / worksite operations.

Voice: capability-based and honest — no invented metrics or client names (see the live `services.ts` for the established tone).

Figures

ID	TITLE	STATUS	FUTURE FILENAME	PURPOSE
FIG-001	Deployment Support Hero	Missing	<code>images/hero_service.png</code>	Cover / hero image
FIG-002	Engagement Process	Missing	<code>diagrams/process.png</code>	The five-phase engagement process