

Kav AI — The 90-Day Pilot

A structured evaluation against your own facility data, with success criteria agreed in writing before it starts.

The fastest way to test whether Kav AI delivers value at your facility is a 90-day pilot run against your own inspection data. The pilot is not a demo: it runs on your real imagery, your real facility, and your real operational questions — and success or failure is measured against criteria agreed in writing **before data ingestion begins**, never assessed retrospectively.

Scope

Parameter	Standard definition
Asset class	One per pilot. Recommended: pressure vessels, heat exchangers, or piping circuits — the classes with full API 581 automation support. Expansion available in Phase 2.
Facility	One facility or one defined area (a process unit, tank farm, or compressor station).
Data	Visual inspection imagery (RGB, thermal, or OGI) from at least one completed campaign. SCADA / historian connection is optional — included only if you elect to connect.
Duration	90 days, from data ingestion to a structured success-evaluation meeting.

Scope to clarify up front: atmospheric storage tanks are screening-only under API 653 methodology and require engineer review — they do not generate automated Tier 1 actions. Rotating equipment and pipelines are out of scope for v1. This equipment-class boundary is communicated before onboarding so the pilot never tests an expectation the platform does not claim.

Timeline

Weeks	Phase	What happens
1–2	Onboarding	Data transfer and ingestion; 3D facility model generated from your imagery; OPC UA configuration if elected; baseline calibration begins.
3–4	Baseline	First anomaly detections reviewed by your pilot lead against known historical defects.
5–8	Active use	Your team uses the platform for real integrity queries; mid-pilot review at Week 6.
9–10	Validation	Findings cross-validated against your inspection reports and CMMS records; false-positive and false-negative rates measured; confidence calibration curve generated.
11–12	Evaluation	Structured debrief against every agreed criterion. Decision: proceed, extend, or conclude — with data deletion executed if not proceeding.

Note on the first weeks: the first campaign at a new facility is treated as baseline data collection — early out-of-distribution flags are expected and are used to calibrate detection, not surfaced as alerts. Weeks 5–12 represent steady-state performance.

Success criteria (the standard set — amendable by agreement)

#	Criterion	Standard threshold
SC-1	Anomaly detection recall	≥ 80% of known defects from historical reports identified without prompting

#	Criterion	Standard threshold
SC-2	False positive rate	$\leq$ 20% of flagged anomalies assessed as false positives by your pilot lead
SC-3	Query response quality	$\geq$ 70% of natural-language queries rated “useful” or better
SC-4	Time to first finding	First anomaly surfaced within 48 hours of completed ingestion
SC-5	Response latency	$\leq$ 5 seconds (P95) for natural-language queries
SC-6	SCADA correlation (<i>if connected</i>)	$\geq$ 1 confirmed correlation between an IOW exceedance and a visual anomaly at the same asset

What each side commits

Kav AI	You
A dedicated customer-success engineer for the full pilot	A named pilot lead (integrity engineer or operations manager)
Written progress update every week	Historical inspection reports for cross-validation
Encryption in transit and at rest; access logging	Availability for three structured review sessions
Full data deletion within 5 business days, with certificate, if you do not proceed	A named decision-maker at the evaluation meeting

Commercial terms

Fixed fee agreed before commencement, **credited against the Year 1 subscription** if you proceed. All inspection data remains your property throughout and after; Kav AI never uses pilot data for model training without explicit written consent; mutual NDA before any transfer. You may terminate at any time with 5 business days’ notice. Kav AI’s liability during the pilot is capped at the pilot fee; all outputs are recommendations to your qualified operators. If the success criteria are met, you receive a production proposal within 10 business days of the evaluation meeting — including, where preferred, a partner-integrated option where a qualified mechanical-integrity firm staffs the engineer-review seat under a single procurement vehicle.

Kav AI Platform · PRD v3.12 · 2026-09-03 · Full framework: PRD Appendix G · contact: sales@kavai.net