

# Composite AI-Agent as Your Shop Floor & Operations Knowledge Vault

Keep every expert's knowledge. No Hallucinations. No mis-quotes. Never lose important know-how to retirement, turnover, or time off.

## SITUATION:

Mid-market manufacturers run on your team's expertise. Your most experienced machinists, engineers, quality leads, and maintenance technicians keep critical operating knowledge in their heads. It's the difference between a solidly ramped-up line and one with unplanned downtime.

With almost **25%** of the workforce **over 55**, a retirement wave is coming. When the expert who "just knows how the line works" leaves, so does their knowledge. Will this soon be your challenge?

## PROBLEM:

Knowledge loss in manufacturing means operating and financial risk that grows over time. You face:

- Senior machinists and technicians retiring with no structured handoff
- Operators repeating errors solved years ago
- Tribal knowledge locked in informal videos, paper binders, or people's heads
- Inconsistent answers across shifts
- 3-6 mo. onboarding to reach full productivity
- Quality variation due to undocumented processes
- Safety risks when procedures are communicated verbally, not systematically

## SOLUTION:

You need a human-trained Composite AI-Agent, to help. Trained directly by your most experienced subject matter experts (SME). These are your machinists, process engineers, quality managers, and maintenance leads. SMEs load precise answers into the Knowledge Graph AI. It creates a deterministic answer with NO Guessing. Searchable Video Clips improve your knowledge vault even more. That expert is now available any time. Be it equipment demos, setup procedures, or guides - it's there and fully searchable.

Your documents are in the Trusted Collections, making the AI-Agent smarter and more accurate. It's your approved content. No guesswork. No hallucinations. Focused on your SOPs, maintenance manuals, quality standards, tariff and compliance updates, and process specs.

You get a scalable, always-on version of your experienced workforce. Available on the shop floor, in the office, or at remote spots, 24 / 7, across every shift.

If the AI-Agent doesn't know the answer - it says so, and flags it. No guessing. Flagged for continuous improvement.

Turn tribal knowledge into a governed assets for every shift. No retirements. No clocks out. No guesses.



## The Manufacturing Knowledge AI-Agent handles:

- Equipment setup, calibration, and changeover process
- Troubleshooting guides for line issues and fault codes
- Quality inspection standards and deviation escalation steps
- Safety protocols, LOTO procedures, and compliance requirements
- Onboarding answers for new operators and apprentices
- Searchable video answers from senior technicians and SMEs
- Maintenance schedules, parts guidance, and repair sequences
- Flags unknown questions to SMEs for improvement

## BUSINESS VALUE

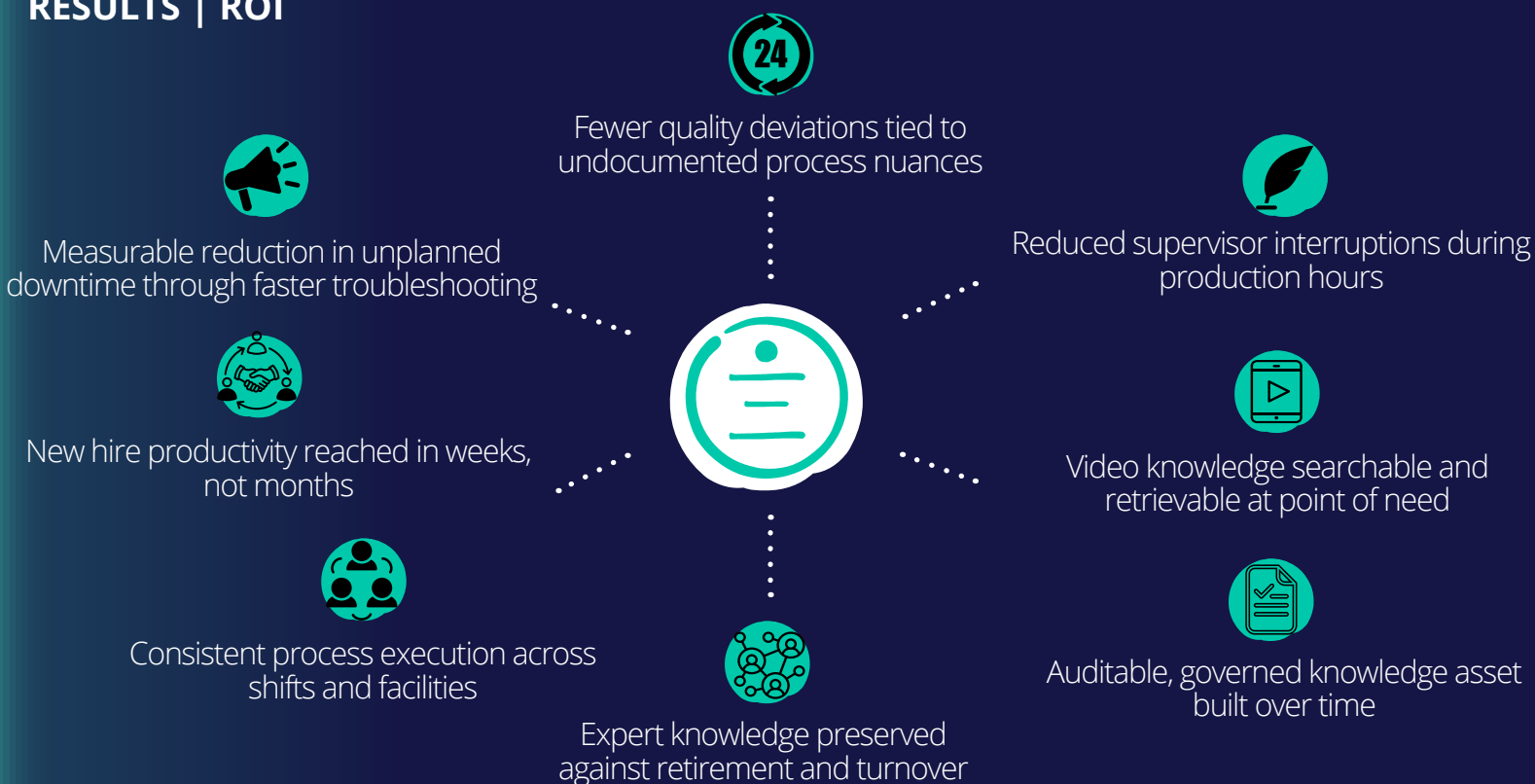
**It's about knowledge retention and operational consistency.**

### kama.ai helps manufacturers:

- Keep the decades of expertise before it walks out
- Cut ramp-up from months to weeks
- Reduce repetitive questions and interruptions
- Balance quality and safety standards
- Build a governed, searchable knowledge library
- Scale SME judgment across every facility
- Reduce dependency on any single associate
- Support transitions without losing operational continuity

## AI Agents for Every Area

### RESULTS | ROI



**When it's got to be right it's got to be...**



inquiries@kama.ai



+1 (416) 275-1780



www.kama.ai