



Operations Copilot

PROBLEM

Operators need quick answers without losing visibility into the underlying tool data.

DEMONSTRATED WORKFLOW

Ask a fictional device question by voice, inspect its inventory reading and generate a spoken answer.

ENGINEERING DEMONSTRATED

Bounded intent selection, refusal of mutations and inspectable tool trace.

MEASURED SYNTHETIC EVIDENCE

12/12 cases completed. device selection correct: 12/12; intent correct: 12/12.

PILOT SCOPE

A bounded assistant over a read-only inventory or knowledge tool. A scoped pilot would agree on: Allowed tools, permission boundaries, approved escalation paths and integration tests. Live microphone dialogue is a separate scope. The pilot deliverables are an agreed dataset, working workflow, review interface, measured acceptance report and handover. Production access control, external integrations and deployment are scoped explicitly for the intended environment.

QUARKEON
LABS / APPLIED AI

Operations Copilot

03

See the facts

Device status and latest reading

THE WORKSPACE

Generated locally - ready for review

You asked
What is the latest temperature reading in Room 2?

Answer from your inventory
Temperature sensor (DEV-202) in room 02 is online. The latest reading is 23.4 degrees Celsius.
Recommended next step: Continue routine monitoring. This is a fictional inventory snapshot from 2026-09-18 09:12.

Id DEV-202	Name Temperature sensor
Room 02	Status Online

► View interpretation & tool trace

The answer is ready. Generate a spoken version with the selected voice.

Inspect the device, its status, and the latest recorded reading.

FICTIONAL DEMONSTRATION

ENGLISH / LOCAL AI

Working demonstration on fictional data. Synthetic regression figures are not production accuracy or client business outcomes. Human review remains required.