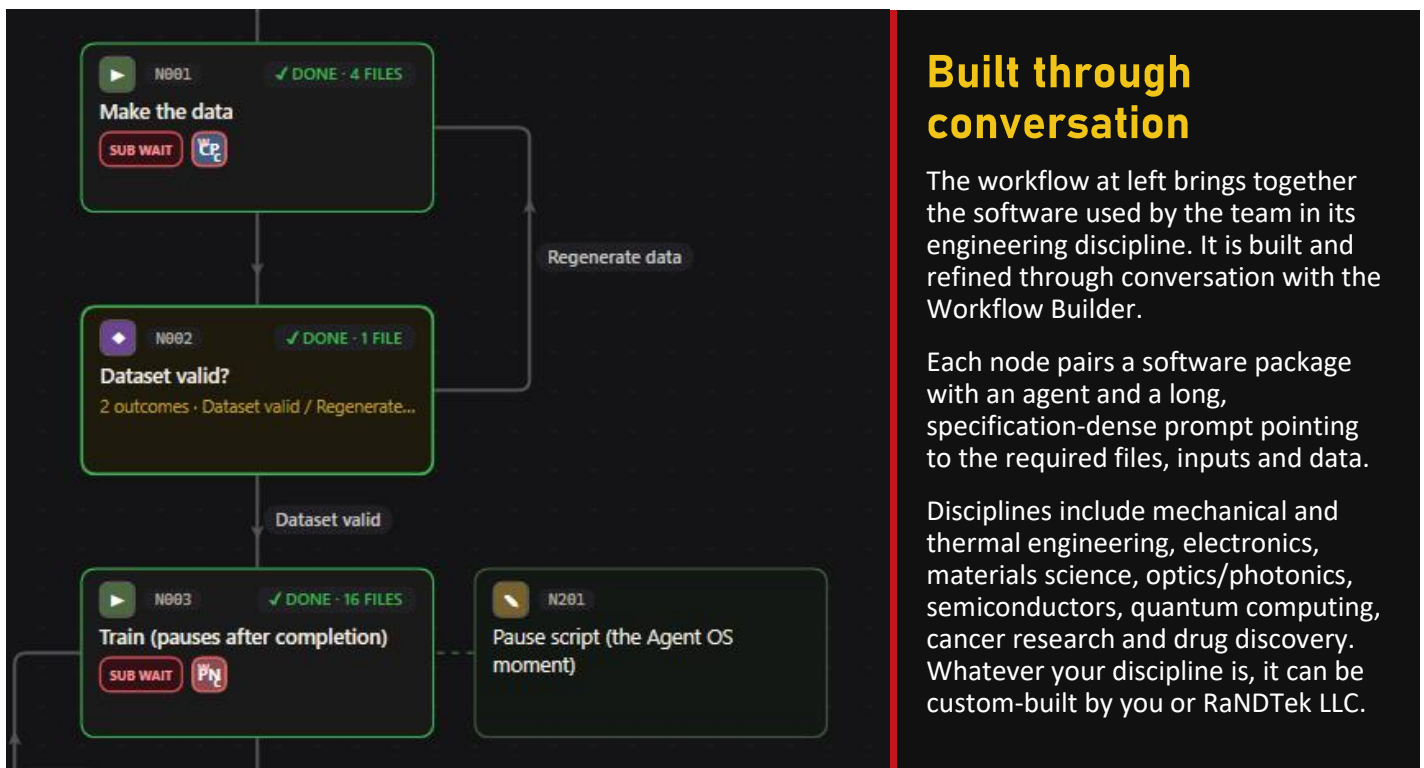




Agent OS

A coordinated environment for engineering work

Connect specialist software, reusable tool knowledge and AI agents in one desktop workspace. Explore Agent OS for consulting and paid pilots in specification-dense, file-dense engineering.



Built through conversation

The workflow at left brings together the software used by the team in its engineering discipline. It is built and refined through conversation with the Workflow Builder.

Each node pairs a software package with an agent and a long, specification-dense prompt pointing to the required files, inputs and data.

Disciplines include mechanical and thermal engineering, electronics, materials science, optics/photonics, semiconductors, quantum computing, cancer research and drug discovery. Whatever your discipline is, it can be custom-built by you or RaNDTek LLC.

ACTUAL PRODUCT INTERFACE A connected workflow built through conversation.

Beyond an individual Claude Code or Codex workflow

An engineer can build specialized workflows with a coding agent. Agent OS turns that work into a coordinated engineering environment: dedicated agents know each tool, write connective code and retain reusable operating knowledge. Outputs become inputs for the next tool, with workflow state and human review checkpoints carried across iterations.

Context continuity is central.

In a bare agent session, compaction can lose critical details and undermine even the first revision. Agent OS is designed to keep requirements, tool bindings, artifacts and review checks durable, and to remind agents what to do through repeated design loops.



Engineering harness comparison

Agent OS is an operating system that connects thousands of software tools.

Capability	Agent OS	Raw Codex / Claude Code	LangGraph	n8n
VISIBLE workflow steps and loops	✓	✗	✓	✓
Automatic GPU-tool setup and integration	✓	✗	✗	✗
Agents write and debug scripts	✓	✓	✗	✗
Unexpected-error recovery	✓	✗	✗	✗
Automatic best-practice updates	✓	✗	✗	✗
Stalled-agent monitoring	✓	✗	✗	✗
Retained, auto-curated tool knowledge	✓	✗	✗	✗
Human pause and resume	✓	✓	✓	✓
Conversational graphical workflow builder	✓	✗	✗	✓
Run records and provenance	✓	✗	✗	✗
Installs/connects thousands of tools; organizes docs	✓	✗	✗	✗
Dense specs/files survive compaction	✓	✗	✗	✗

✓ Automatic

✗ Partial / custom setup

✗ Not built in

Claude Code and Codex are agent options inside Agent OS; their strengths make it stronger. LangGraph and n8n become tools inside Agent OS, too.

2 Weeks vs. 6 Months

A VP at a major optical interconnects company recognized that simulation work for hardware design completed in two weeks of consulting with Agent OS would have taken a specialized engineering team six months. This is the customer's estimate for that work.

MULTIPLE AGENT OPTIONS AND THE LIST IS GROWING

Available

Claude Code and Codex

Coming

Gemini

Priority under development

Local AI

Local AI is a development priority. Private or offline inference is not yet available.

Discuss a workflow, consulting engagement or paid pilot

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