manna MIND AIoT.

Finally, an IoT platform you can just use. Without limitations.

MIND AIoT is built around the MIND AIoT Node — an embedded Linux computer running MIND AIoT Node OS, Raspberry Pi 5 today — and works with any hardware you connect. AIoT means Agentic IoT: agents connect devices, monitor operations and develop software features.

Why build on MIND AIoT

Traditional IoT projects often mean hardware that must fit the software, custom code for every device and a system that is hard to maintain. MIND AIoT is designed the other way around: any hardware you connect can be integrated with minimal effort, and agents keep developing the software. Raspberry Pi 5 was chosen for its versatility, robustness, worldwide availability and low cost.

Any hardware → MIND AIoT Node → Cloud, agents and dashboard

The MIND AIoT Node is an embedded Linux computer running MIND AIoT Node OS, Raspberry Pi 5 today. Components connect directly or through a third-party interface, wired or wirelessly. A cloud backend runs agentic workflows. One dashboard brings the data, the devices and the reports together.

Any hardware you connect

Sensors, controllers, actuators, relays and modules attach to the MIND AIoT Node. If a component has an accessible interface and documentation, agents can add support for it in minutes and verify the integration on actual hardware. Physical installation is separate.

Software that keeps evolving

Describe the monitoring, logic or report you need. Agents develop and test it — from a one-time code update to continuous monitoring and analysis. Industrial maturity means tested changes, dependable local control and a maintained system.

Your monitoring and reports

Set the conditions and questions you care about. Agents investigate issues in the background and create the reports you ask for.

From image to automation.

1. **Install MIND AIoT Node OS.** Write MIND AIoT Node OS for Raspberry Pi 5 to a memory card and start the node.
2. **Register and link.** Register the device in the dashboard and link it to your system.
3. **Describe your components and behaviour.** Say what is connected and what it should do — monitoring, logic, analytics or reports.
4. **Agents build and test it.** MIND AIoT develops and tests the change on a test node, then deploys it only after you accept — and keeps monitoring.

The minutes promise covers software integration. A component needs an accessible interface, documentation and individual verification. Hardware, installation and support are agreed for the project. After deployment, the feature is deterministic software.

Built-in agentic workflows

Manna's engineers use customer-specific agentic workflows today for monitoring, issue investigation and software changes. Strongest application background: black soldier fly (BSF) production.

What we're extending

We're extending customer-led tools for integration, custom interfaces, reporting and software development.

Your product. Powered by MIND AIoT.

Making equipment, integrating systems or supporting customers? Explore MIND AIoT licensing and development for your solution. Your licence covers the platform and its development, so new components, rules and reports stay in the same system; host it on your own servers and keep the code generated for you. The platform keeps the live PRD, BOM, requirements and instructions current, and hardware is the main investment. Reuse rights and responsibilities are agreed together.

What would you build with MIND AIoT?

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Tell us about the component, feature or product you have in mind — contact us through the website.