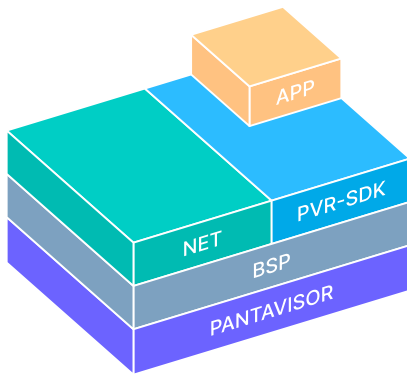


# A platform for next generation IoT

## What is Pantacor?

Built from industry insights and customer requirements, Pantacor combines **modern DevOps best practices with embedded-first technologies** to help product makers add tangible value to the smart device edge. Open source and without vendor lock-in, the Pantacor platform implements containers and other cloud-native technology to connect, and manage the full lifecycle of firmware and applications at scale for smart edge devices and the Internet of Things.

Pantacor consists of three core components: Pantavisor Linux, Hub, and Fleet. The critical building block is Pantavisor Linux, an **open source framework for building containerized embedded Linux systems**. Pantavisor is the container-based init system that turns your static fixed-function Linux device into a modular software-defined device to control the lifecycle of the device's firmware and applications.



### Enterprise Integrations





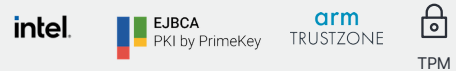
### Metrics and Telemetry Data Routing



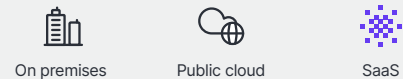
### Pantacor Hub and Fleet



### Security and Authentication



### Hosting Options



### IoT (Pantavisor enabled devices)



## Pantavisor Linux

Transform any Linux-enabled device whether that's home WiFi routers or industrial control systems into a modular and software-defined connected IoT. The lightweight and open source Pantavisor Linux framework **builds and manages containerized embedded systems with LXC or Linux containers**. It can also extend any device's feature set by running standard Docker applications and services.

## Pantacor Hub

Hub is our open source SaaS or on-premise service for remote device management. Pantavisor-enabled devices seamlessly connect to your Hub instance for device state and system revisions, as well as **firmware and software lifecycle management**.

If your organization already uses existing fleet management and orchestration solutions to manage software rollouts, Hub can act as the interface between your third-party management control plane and any Pantavisor-enabled devices.

## Pantacor Fleet

If you don't have an existing management control plane that can leverage the Pantacor Hub API for lifecycle management, then Fleet can provide it. Available as a SaaS, Fleet adds an orchestration layer on top of Hub's Basic APIs. It lets you partition your device deployments according to logical groups and enables release teams to **continuously deliver updates and rollouts** to the IoT with fine-grained control.

## Key Features: Pantavisor Linux

<b>Connect millions of smart edge devices</b>	Highly scalable, Pantavisor Linux connects and remotely manages millions of embedded Linux IoT devices on the smart edge.
<b>Enhance existing edge devices</b>	Pantavisor enabled devices work alongside your existing architecture or custom-made mini-OS as well as any future IoT devices. There is no need to replace your infrastructure or custom applications with more expensive hardware and new applications.
<b>Works on resource constrained boards</b>	Pantavisor works with 8MB NOR flash and only 32MB RAM on the device which makes it well suited for resource-constrained devices at the smart device edge.
<b>100% open source technology</b>	Open source, MIT and Apache licensed and without vendor lock-in, the Pantavisor container manager is a sandbox project at the Linux Foundation Edge community.

## Key Features: Pantavisor Hub and Fleet

<b>Scalable remote management of any Linux-based device</b>	Quickly onboard sensor readers, Bluetooth gateways, and USB IoT connections and remotely manage application deployments to your edge devices.
<b>Full software lifecycle management</b>	Manage Linux embedded firmware and software with modern and portable cloud native tools like containers. Keep device fleets secure with the latest patches.
<b>Single dashboard for fleet management</b>	Monitor fleets of devices from a single pane of glass. Maintain, secure and update groups of devices based on OS, hardware type, and application type.
<b>Aggregated, device logs and telemetry data</b>	Focus on business logic while Pantacor takes care of the data aggregation and cloud integration. Analyze and act on data collected from your device logs, application output, metrics and other device telemetry.
<b>Enterprise 3rd party Oauth2 integration</b>	Integrate with other third-party enterprise and fleet device management solutions like <a href="#">AWS IoT</a> , <a href="#">Azure IoT Hub</a> , <a href="#">ACS (TR69/157)</a> , <a href="#">Hawkbit</a> and others.

## Pricing that works for you

Choose a business model that best supports your device fleets. All tiers except the free version are based on the monthly target limit of the number of devices registered in the Pantacor Hub\* controller.

Free Tier	Business	Business Plus	Enterprise & OEM
<ul style="list-style-type: none"> <li>✓ No SLA and no guarantees on level of service</li> <li>✓ Up to 25 devices connected</li> <li>✓ 25 GB of Object and Logs storage</li> <li>✓ 2 GB of outbound Data Transfer</li> </ul>	<ul style="list-style-type: none"> <li>✓ \$60 / month</li> <li>✓ 99% uptime and 24 hour response SLA</li> <li>✓ 500 devices included</li> <li>✓ 100 GB of Object and Logs storage</li> <li>✓ 10 GB of outbound Data Transfer</li> </ul>	<ul style="list-style-type: none"> <li>✓ \$600 / month</li> <li>✓ 99.9% uptime and 60 minute response SLA</li> <li>✓ 5000 devices included</li> <li>✓ Unlimited Object and Logs storage</li> <li>✓ Unlimited outbound Data Transfer (Fair Usage applies)</li> </ul>	<ul style="list-style-type: none"> <li>✓ Start at \$10K / month</li> <li>✓ 100K+ Devices</li> <li>✓ Kubernetes, On-site, and DevOps Ready</li> </ul>

\*This pricing is for our SaaS service Pantacor Hub only. Please contact sales for information on other configurations and services.

## Start your IoT transformation today.

Contact [sales@pantacor.com](mailto:sales@pantacor.com) to learn more about how Pantacor can help you on your way to the software defined connected IoT.

