

# Edge Kubernetes made easy

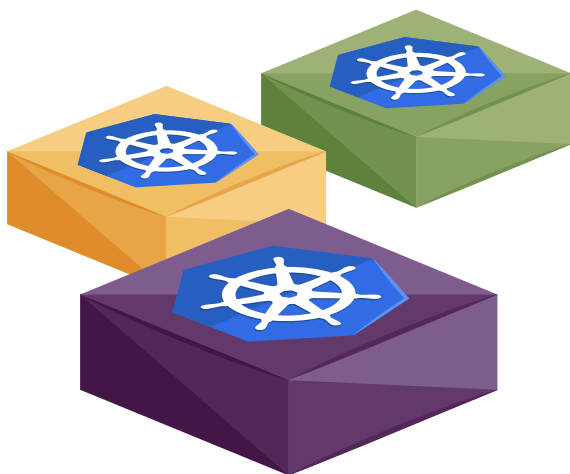
Edge computing is complex, but it doesn't have to be hard. Let us help you manage Kubernetes clusters across thousands of edge locations the same way you manage your cloud workloads: with total simplicity and control.

## The situation

Edge computing is not just a buzzword. Trends like AI and industrial IoT are propelling edge computing into the mainstream, and organizations are choosing Kubernetes as the platform to orchestrate containerized apps at the edge, just like in the data center and cloud.

But running Kubernetes at the edge can be challenging: with no centralized IaaS-like management, no IT skills on-site, unreliable connectivity and increased security risks, not to mention distributed scale.

So how can you ensure consistency and availability... throughout the lifecycle, across both K8s infrastructure and apps at scale, for thousands of locations? With Palette Edge, it's easy.



## The solution

Spectro Cloud Palette Edge is a complete platform for managing the lifecycle of your Kubernetes-based edge computing deployments, at enterprise scale.

With it you can:

**Drive innovation** with complete choice to design your perfect hardware and software stack including OS, distro, integrations, containerized and VM apps, and AI models.

**Cut deployment time and cost** with low-touch and zero-touch deployment options, so you can ship a box to site and get it online, without having to send an expensive engineer to set it up, even in airgapped environments

**Protect what matters** with advanced security controls, including SBOM vulnerability scans, immutable OS images, hardened configurations, trusted boot and validated FIPS cryptography.

**Manage efficiently at scale** with zero-downtime rolling upgrades, self-healing, auto cert renewal, and full performance even with thousands of clusters.

## Real impact for business

Leaders in every industry trust Palette Edge to deploy and manage Kubernetes clusters for mission-critical workloads.

Drone innovators like **Nokia** and **Tevel** use Palette to deploy real-time autonomous computer vision, from warehouses to orchards.

Healthcare organizations like **GE HealthCare**, **Dentsply Sirona** and **RapidAI** transform patient care with edge K8s deployed in clinical settings around the world.

**Energy companies** use us for OT SCADA telemetry in remote airgapped locations. We run factory workloads 24x7 for pharma **manufacturers** and FMCG.

We power the in-store experience across thousands of coffee shops, restaurants and supermarkets, for global **retail** brands.

And we're trusted by **government** agencies and **defense** manufacturers to deliver uninterrupted operations even at the tactical edge.

How can we help you?



## Why choose Palette?

When you choose Spectro Cloud, you can rest assured that you're benefiting from:

**Unique edge innovations** including 2-node HA, dynamic network overlay, and simple Local UI

**Award-winning technology.** Analysts at GigaOm rated us 'Leader' in edge Kubernetes two years running, and STL rated us a Top 50 edge computing company three years running. We earned Gartner Cool Vendor for edge way back in 2022.

**Strong industry partnerships:** we work with the best, from our unique edge security architecture co-developed with Intel, to EKS Hybrid with AWS and our 'edge in a box' concept with HPE and industry projects with the likes of Stratus, Canonical and NVIDIA.

**Open source freedom:** We sponsor the CNCF Sandbox project, Kairos, for building immutable edge images, and we're an active member of the LF Edge.

**World-class support:** We back every Palette customer with global 24x7 support for your full software stack.



## Start your edge journey

Visit [spectrocloud.com](https://spectrocloud.com) to learn more about Palette and arrange a live, hands-on demo tailored to your business and use case.



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