

SECTOR PACKAGE · DATA CENTERS

Data centers multiplying, control that does not dilute

Control, human approval and verifiable evidence for the critical actions of data-center operations — from campus to edge, and from Earth to orbit.

AI demand has unleashed the biggest construction wave in the sector's history: **hyperscale campuses, colocation, edge — and the first orbital data centers already on their way**. Every new facility multiplies technicians, contractors, remote hands and automation acting on power, cooling, network and customer systems. A valid credential is no longer enough as a control. *Who authorizes each intervention, at which facility, and what evidence remains when something goes down?*

WHAT VELANTIA BRINGS TO THIS SEGMENT

AUTONOMY — governs the facility's automation: **capabilities, scopes, conditions and human approval** for autonomous power and cooling management and operational AI agents.

GATE — decides each critical action on the infrastructure: **allow, condition, route to approval or block** interventions by technicians, contractors and automations, based on policy and context.

SENTINEL — observes operations across all facilities, **detects anomalies** and attributes each action to its author: employee, contractor, system or customer.

EVIDENCE — preserves a **verifiable history** of every intervention and every incident: ready for the customer, the insurer, the auditor and the SLAs.

WHAT YOU CAN DO WITH IT

- ▶ **Govern third-party intervention:** maintenance crews, installers and remote hands act under defined permissions, with an integrity-protected record — facility by facility.
- ▶ **Require human approval** before sensitive actions on power, cooling, network or customer systems — without slowing daily operations.
- ▶ **Scale without diluting control:** the same policies govern the campus, the edge and every new facility from day one — including unattended sites.
- ▶ **Prove the operation** to customers, insurers, NIS2 and the SLAs: what was done, who did it and under which authorization.

The facility keeps operating — **every intervention with permission, context and a provable history.**

DEPLOYMENT

For the operations core, the **CORE 900** appliance; for edge facilities and unattended sites, **EDGE 200** and **INDUSTRIAL 500R** (all in pre-order), governed from **VELANTIA ONE** as a single multi-facility control plane. Also software, virtual machine or private cloud. It integrates with facility management, identity and existing systems **without replacing them**. And where the facility admits no hands — from the remote site to the orbital data center — remotely governed operation with evidence stops being desirable: **it is the only option.**

WHY NOW

Data centers are multiplying at the pace of AI and the first orbital ones are already on their way: **more facilities, more automation and fewer people per site**. The coming operating model is remote and autonomous intervention on critical infrastructure — exactly the scenario VELANTIA is built for. Whoever governs their operations today will scale facilities without scaling their risk.

Next step: an initial meeting and a demonstration