Celona Orion

The agentic converged wireless platform for the AI-native enterprise

A wireless edge super cycle is in motion

For thirty years, enterprise wireless was sized for one kind of user: a person carrying a device, moving through a building on business hours. That assumption no longer holds — agentic AI puts software workers on the network at machine speed, around the clock, and physical AI puts embodied workers, robots, autonomous vehicles, and sensor fleets, at the edge.

Wi-Fi OR private 5G — a false choice

Most enterprises are told to pick one: Wi-Fi's flexibility, or private 5G's reach and determinism. That's a false choice, forced by vendors who built one radio and expect you to work around it. Stay Wi-Fi only and you're continually adding more access points with proprietary fixes for problems that are physics, not configuration; go private-cellular only and it's a costly rip-and-replace that's still capacity-limited and leaves you running two separate networks.

Either path leaves wireless siloed (private 5G, Wi-Fi, public mobile, and satellite are islands you can't use as one), best-effort (built for people who tolerate a dropped packet, not machines that can't), and undermanaged (dashboards watching individual boxes while an agentic operating model forms around them). It's a structural problem — which is why the answer is a new category, not an upgrade to the old one.

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What is Celona Orion

The industry's first agentic converged wireless platform for the AI-native enterprise.

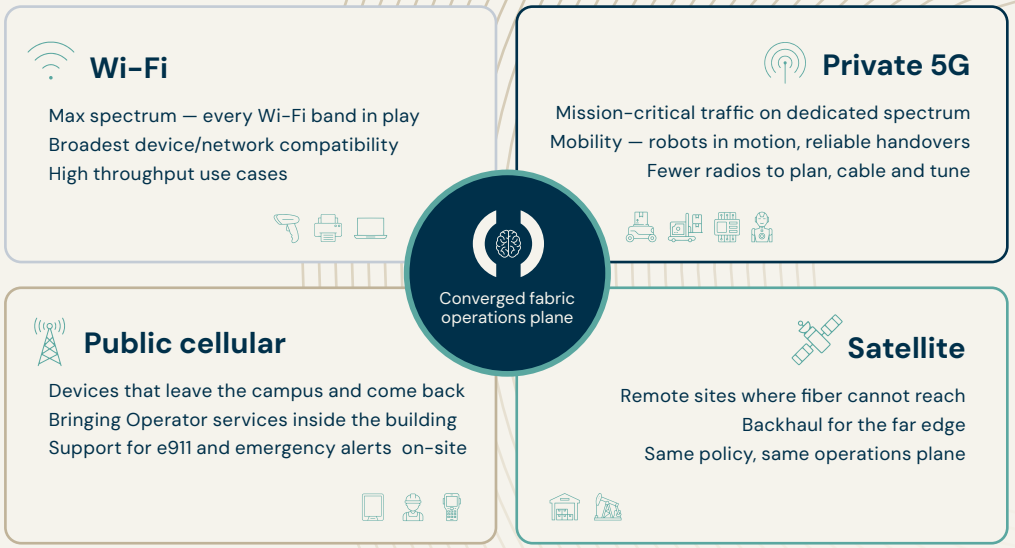
It unifies every wireless network an enterprise can use into one deterministic, secure fabric, and runs that fabric as an agentic operations plane within the enterprise's agentic mesh:

Converged
Private 5G and Wi-Fi work as one fabric, extending to public mobile and satellite.

Agentic
Orchestrator turns the network into primitives your team runs the AI-driven enterprise on.

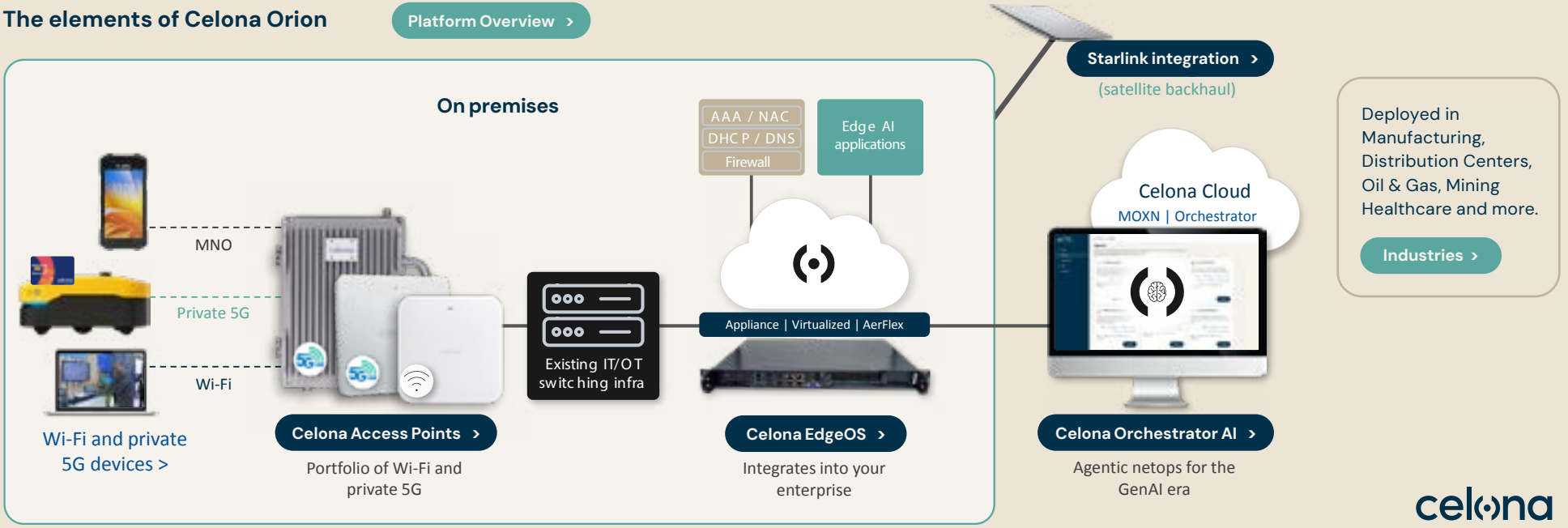
Trusted
One stack, one supply chain, one security model, built in from day one.

Lower total cost
No Wi-Fi densification, no cellular rip-and-replace, no second network to manage



The elements of Celona Orion

Platform Overview ›



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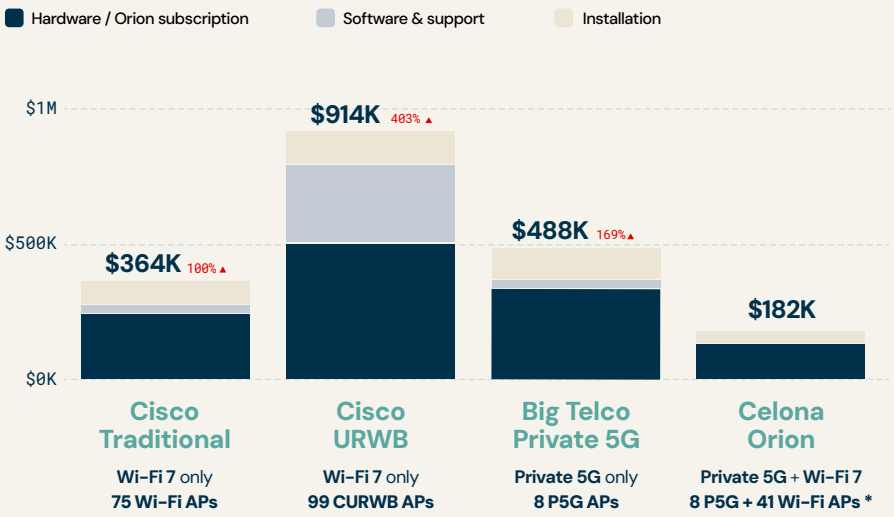
3-year cost estimate

Scenario

- 500 K sq-ft Manufacturing floor
- Currently using 35 Wi-Fi APs at 5GHz
- New use: mission critical/robotics



Why Orion?

1. RF puts the right traffic on the right radio, so you right-size the network and use every megahertz you own
2. The security and control plane gives you one SIM identity and one policy across both networks
3. The data plane holds one persistent session, so devices move between radios without breaking apps
4. The management plane becomes one operational plane with agentic operations, with no two-vendor, two-console overhead.

Pricing Estimator ›

The Wi-Fi-vendor answer: densify

- 6 GHz for high-speed handovers densify 35 APs to 75
- Every new AP is a cable pull, PoE port and ceiling penetration
- CURWB-style fixes need line of sight and add APs of their own
  - Software , support, warranty extra (per AP)
  - Hand-tuning Wi-Fi radios needed for optimal RF performance

Learn More ›

The Orion answer: right radio for the right traffic

- 8 private 5G APs carry the mission-critical robotics
- 41 Wi-Fi7 APs for coverage and high-bandwidth traffic
- 24 out of 47 Wi-Fi APs are **included** at no charge
  - Software, Support, Warranty **included**
  - One policy and operations plane — no hand-tuning
- Integrated AP-only deployment vs big telco private 5G solutions

Learn More ›

Right traffic on right radio - all in one subscription.

Wi-Fi, included! Every Celona Orion subscription comes with four 2x2 or three 4x4 — at no additional cost, includes hardware, software, support and warranty, for every radio on your floor.

One Celona Subscription:

- Private 5G access points
- Enterprise Wi-Fi Included
- Agentic Orchestrator
- Private SIMS and eSIMS
- 24 x 7 x 365 support
- Hardware warranty

Trusted by

170+ global customer, 30%+ in Fortune 1000 or Global 2000 including bp, Cargill, Celenese, Lyondell Basell ›

hello@celona.io
celona.io

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