

# MaxBits · Daily Tech Watch

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Daily brief · 2025-12-05

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## 3 deep-dives you should really read

[Network APIs could find new life with help from AI agents](https://www.fierce-network.com/cloud/could-ai-agents-be-secret-making-telco-apis-work)

Fierce Telecom · Topic: **AI/Cloud/Quantum**

- **What it is:** AI agents and Network Language Models are being explored as crucial enablers for next-generation network API functionality and wider adoption.
- **Who:** AWS telecom chief Jan Hofmeyr is driving the vision for AI-enhanced network APIs and considering AWS's strategic expansion into RAN hardware, akin to Nvidia.
- **What it does:** This initiative aims to enhance network APIs' usability and automation through AI agents and Network Language Models, potentially expanding AWS's infrastructure footprint.
- **Why it matters:** This development could significantly simplify network programmability and monetization for telcos, while positioning AWS as a deeper infrastructure and AI player in the sector.
- **Strategic view:** C-level executives should assess how AI-enabled network APIs will reshape service delivery and revenue models, critically evaluating AWS's deepening integration across the telco value chain.

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[GEO satellite operator Telesat sees writing on the wall, moves into LEO](https://www.fierce-network.com/broadband/geo-satellite-operator-telesat-sees-writing-wall-gets-leo)

Fierce Telecom · Topic: **AI/Cloud/Quantum**

- **What it is:** Telesat, a legacy geostationary satellite operator, is proactively shifting its core business strategy and investments towards building a new low Earth orbit (LEO) satellite constellation.
- **Who:** Telesat, a traditional satellite operator, is the key entity making this strategic transition to adapt to future market demands and technological advancements in space communications.
- **What it does:** This strategic pivot allows Telesat to future-proof its business model, mitigate the decline of GEO services, and tap into the growing market for high-speed, low-latency broadband connectivity.
- **Why it matters:** It matters because this move ensures Telesat's competitive survival and positions the company to capture new revenue streams in the rapidly evolving global satellite communications market.
- **Strategic view:** This industry move highlights the imperative for established Telco, Media, and Tech players to embrace disruptive technologies to avoid obsolescence and maintain market relevance amidst rapid innovation.

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## [How Hybrid \(Converged\) Gateways Are Redefining Broadband Reliability](https://www.fierce-network.com/sponsored/how-hybrid-converged-gateways-are-redefining-broadband-reliability)

Fierce Telecom · Topic: **AI/Cloud/Quantum**

- **What it is:** Hybrid (converged) gateways are integrated customer premise equipment designed to maintain broadband connectivity even during primary network outages by leveraging alternative access technologies.
- **Who:** Telco operators deploy these gateways for residential customers and small businesses, ensuring uninterrupted internet access for essential daily activities and operations.
- **What it does:** These gateways automatically switch to alternative network access methods during primary fiber or cable disruptions, ensuring persistent high-speed internet for critical digital services.
- **Why it matters:** This technology is crucial for preventing service interruptions from natural disasters or network failures, thereby safeguarding user productivity and maintaining essential digital access.
- **Strategic view:** Deploying these resilient gateways offers telcos a critical competitive edge, enhancing customer loyalty and trust by guaranteeing reliable connectivity crucial for modern digital lifestyles and business continuity.

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### Curated watchlist · 3-5 links per topic

#### TV / Streaming

- [Hispasat and NOS renew multi-year DTH deal for full Portugal coverage](#) (Broadband TV News) ☐ Add to Weekly

#### AI / Cloud / Quantum

- [Cisco: Service provider market is 'recovering nicely'](https://www.fierce-network.com/cloud/cisco-service-provider-market-recovering-nicely) (Fierce Telecom) ☐ Add to Weekly
- [AWS steals telcos' thunder with debut of AWS AI Factory](https://www.fierce-network.com/cloud/heres-what-we-think-aws-big-reinvent-news) (Fierce Telecom) ☐ Add to Weekly
- [Start-up Nostromo and its 'ice batteries' could heat up data center cooling](https://www.fierce-network.com/cloud/ice-batteries-could-heat-data-center-cooling) (Fierce Telecom) ☐ Add to Weekly
- [AI is forcing a multi-cloud reckoning](https://www.fierce-network.com/broadband/ai-forcing-multi-cloud-reckoning) (Fierce Telecom) ☐ Add to Weekly
- [Verizon Builds Trust in AI Through Data and Governance](https://www.fierce-network.com/sponsored/verizon-builds-trust-ai-through-data-and-governance) (Fierce Telecom) ☐ Add to Weekly