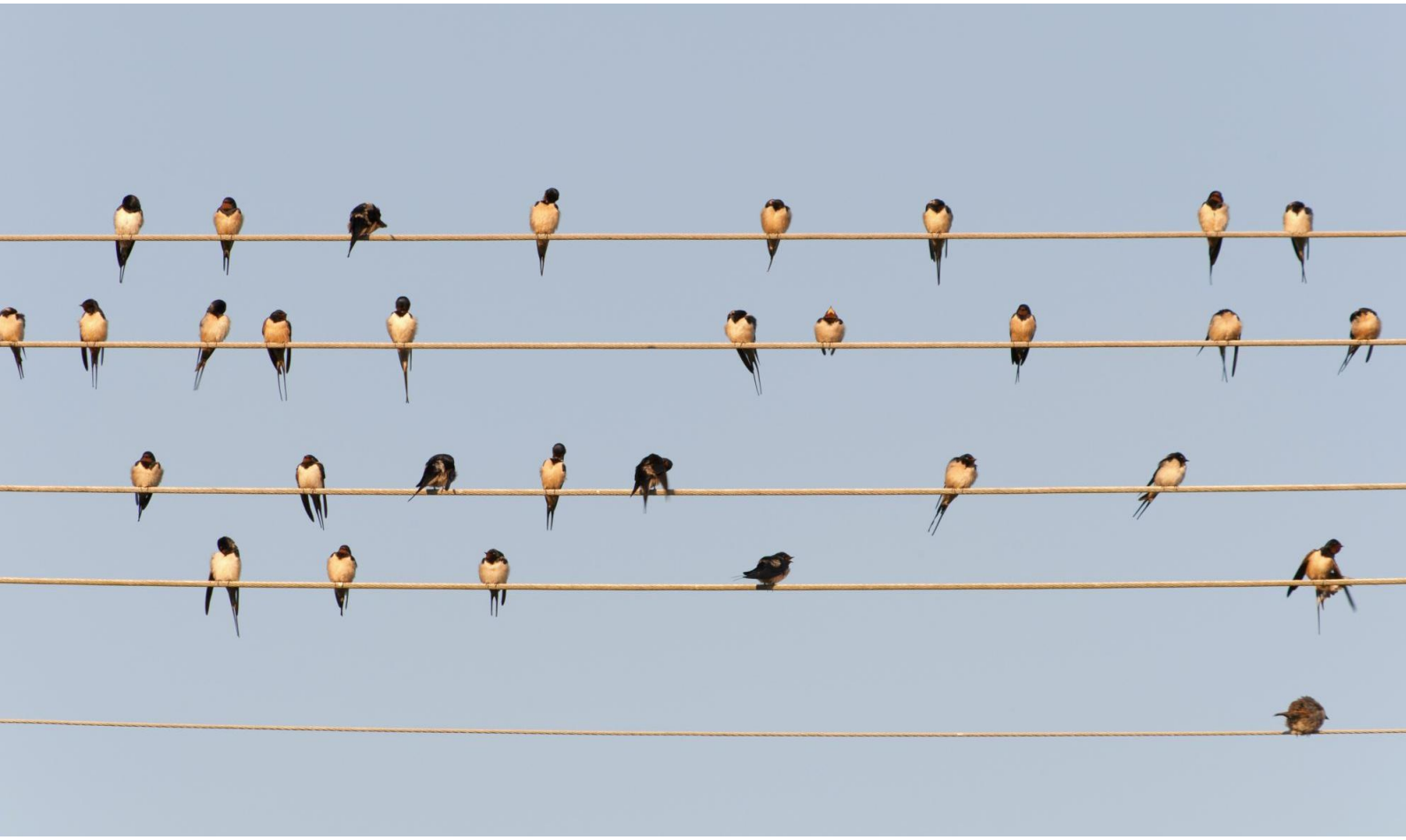

50 edge computing companies to watch in 2025

As always, this list includes a range of companies, from start-ups to those established in the ecosystem. This year, we've asked companies to provide more information on their product development roadmap, with a particular focus on AI-enablement features.

Tilly Gilbert, Edge Practice Lead

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1. Acisa

Company type: Start up

Position in edge ecosystem: Facility (e.g. Data Centre, Rack Systems, Power & Cooling, Site Design, Commission and Maintenance); Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application; Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: Offers mobility and traffic technology solutions, including edge-enabled traffic light controllers and intersection digital twins, enhancing smart city infrastructure.

Main customers: Public administrations and city councils.

Notable achievements in 2024: Acisa developed a traffic light controller with edge computing, enhancing urban mobility. It implemented an edge-based intersection digital twin to improve traffic management. The company also contributed to the Horizon EU Cognit project, integrating cloud-edge continuum solutions for smarter transport infrastructure.

Product development roadmap for 2025: Acisa is focusing on AI integration within its cloud and edge solutions. This includes time series traffic forecasting, AI-driven agents for task automation and analytics, and convolutional neural networks for video analytics, improving decision-making in urban mobility.

2. AI EdgeLabs

Company type: Start up

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application

Key proposition: Provides AI-powered, edge-native cybersecurity solutions that ensure real-time, resource-efficient threat detection, network security, and runtime vulnerability management for distributed edge and IoT environments.

Main customers: Enterprises in energy, utilities, manufacturing, and industrial automation. Notable clients include Cuerva, a Spanish power grid operator, and Rekor, a US traffic technology provider.

Notable achievements in 2024: AI EdgeLabs enhanced its cybersecurity capabilities with the launch of an AI Security Assistant, streamlining automated threat response and playbook generation. It expanded its suite of pre-defined playbooks, enabling autonomous threat mitigation in critical environments. The company also introduced advanced vulnerability management for Docker and Kubernetes deployments, alongside multi-stage attack detection with improved visualisation features. Further strengthening its ecosystem, AI EdgeLabs achieved Red Hat OpenShift Operator Certification, integrated with AWS Greengrass, and forged key partnerships with Scale Computing, Barbara, and Pretera to enhance edge security.

Product development roadmap for 2025: AI EdgeLabs plans to introduce an AI SOC agent and enhance Zero Trust security for its agent. It is developing AI-based security insights to replace incident-driven alerts and improving AI-driven playbooks for more interactive and smarter prevention strategies. The roadmap also includes advancements in risk and compliance management.

3. AllEdge

Company type: Start up

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application; Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: AllEdge is a managed IT solutions provider that enables enterprise digital transformation by integrating secure, innovative technology with expert services. Solutions span intelligent connectivity, cybersecurity, IoT physical security, and edge infrastructure.

Main customers: Small and medium sized business (SMBs)

Notable achievements in 2024: AllEdge strengthened its market presence with key developments, including a partnership with Turnium to enhance network solutions. It also launched FlexNet, a secure Network-as-a-Service (NaaS) solution designed to provide businesses with scalable and resilient connectivity.

Product development roadmap for 2025: AllEdge is focusing on developing AI-enabled operations and security solutions to enhance platform automation. This includes integrating intelligent automation for network management and security, optimising infrastructure performance, and strengthening threat detection capabilities. These innovations aim to improve efficiency and resilience across its managed services.

4. American Tower

Company type: Established

Position in edge ecosystem: Facility (e.g. Data Centre, Rack Systems, Power & Cooling, Site Design, Commission and Maintenance); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System)

Key proposition: American Tower offers rapid edge infrastructure deployment by leveraging its extensive tower network and strategically located land. It delivers scalable, build-to-suit Aggregation Edge Data Centres with fibre and power access.

Notable achievements in 2024: American Tower launched its Aggregation Edge Data Centres, designed to extend cloud capabilities to the edge and accelerate digital transformation. The first facility in Raleigh, North Carolina, is under construction, with completion expected in early 2025. Spanning 4,000 square feet, the data centre will initially operate on one megawatt of power, scaling to four megawatts at full capacity. Located near Research Triangle Park, it aims to serve enterprises and institutions in one of the U.S.'s fastest-growing metro areas.

Product development roadmap for 2025: American Tower will expand its rapid edge infrastructure deployments to new build-ready markets beyond Raleigh. As AI and 5G adoption at the edge grows, the company will continue developing essential infrastructure to support enterprises embracing these technologies. By enabling seamless connectivity and scalable edge solutions, American Tower is positioning itself at the forefront of the edge computing revolution.

5. AnyLog

Company type: Start up

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Open Source & Forums (e.g. Open Source, Forums and Communities)

Key proposition: Shifting the data services from the cloud to the network.

Main customers: The company is working with some of the largest IT and telecom companies.

Notable achievements in 2024: AnyLog made significant advancements with its open source platform, EdgeLake, which is now distributed by the Linux Foundation. The platform was deployed in Sabetha, Kansas, successfully eliminating the city's reliance on cloud infrastructure. Additionally, AnyLog integrated EdgeLake with the IBM Open Horizon Platform, enhancing its capabilities in edge management.

Product development roadmap for 2025: AnyLog is focused on enabling federated learning - using the blockchain and the AnyLog P2P Network, the model creation and the model execution will be supported in an automated way. This approach services the data using a virtual layer whereas the physical data remains in-place.

6. Arctos Labs

Company type: Start up

Position in edge ecosystem: Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform)

Key proposition: Addresses the challenge of optimally managing distributed IT systems across edge and cloud locations, helping clients reduce costs, enhance performance, and improve resilience in multi-cloud and hybrid IT environments.

Main customers: Service providers (telcos, edge, cloud), system integrators and software vendors (e.g. orchestration vendors).

Notable achievements in 2024: Arctos Labs enhanced its ECO portfolio for edge-to-cloud optimisation, integrating Open Policy Agent into its toolbox. It strengthened its partnership with Inmanta to support Mobile Private Networks and telecom orchestration. The company also entered into a partnership with Taikun, a multi-cloud Kubernetes management platform, expanding its orchestration capabilities.

Product development roadmap for 2025: Arctos Labs plans to enhance cost management solutions, enabling clients to better forecast and optimise cloud spending. Additionally, it is exploring the potential of inference at the edge by leveraging its placement technology to improve AI-driven workload distribution.

7. Atombeam Technologies

Company type: Start up

Position in edge ecosystem: Facility (e.g. Data Centre, Rack Systems, Power & Cooling, Site Design, Commission and Maintenance); Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Software Application; Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: Transforms how enterprises move, store, and secure data with its Data-as-Codewords technology, significantly reducing data transfer sizes while improving efficiency and security.

Main customers: Key partnerships with Ericsson, HPE, Crosser, Nvidia, Intel, Viasat, the Department of Defence, US Air Force, oil production company, oilfield equipment company, packaging company.

Notable achievements in 2024: Atombeam launched Neurpac, its first Data-as-Codewords product, reducing data transfer sizes by 75% and increasing effective bandwidth by 4x. It secured industry recognition, winning the Gold Globse Award for Disruptor Company and a Gold Award for Technology Innovation at the Merit Awards. The company secured a US Air Force contract for Neurpac+ development and partnered with Ericsson to enhance 5G and LTE network solutions. Atombeam raised $20 million in a Reg A+ crowdfunding round, bringing total funding to $31.4 million. Its patent portfolio expanded to 83 issued and allowed patents, with an additional 114 pending.

Product development roadmap for 2025: Atombeam is executing a three-stage roadmap. Neurpac is available as SaaS, with partners like Viasat and Ericsson supporting deployments over constrained networks. Later in 2025, it plans to introduce Large Codeword Models (LCM) to enhance AI efficiency and Neurcom for advanced image and audio data reduction. In the final stage, Atombeam aims to integrate Neurpac and Neurcom into chips, enabling billions of nodes with ultra-low-cost deployment and driving SaaS demand.

8. Avassa

Company type: Growth stage

Position in edge ecosystem: Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform)

Key proposition: Enables companies to securely and remotely update, monitor, and troubleshoot edge applications and infrastructure at scale, even in environments with unreliable connectivity.

Main customers: Large retail enterprises (e.g. H&M), industrial machinery vendors (e.g. Ekobot), on-site ISVs (e.g. Point of sales provider Extenda retail, Flasheye in mining), critical telco infrastructure (e.g. Iotcomms.io).

Notable achievements in 2024: Avassa secured H&M as a customer and investor, strengthening its presence in the retail sector. It partnered with Wind River as a reseller and announced Ekobot as a customer for autonomous agricultural robot management. The company was recognised as a Challenger and Fast Mover in the GigaOm Radar Report for Edge Orchestration Platforms. A strategic partnership with Industrial PC vendor OnLogic further expanded its reach into industrial IoT applications.

Product development roadmap for 2025: Avassa is addressing edge-specific challenges by enhancing solutions for industrial OT networks and intermittent connectivity environments. It is introducing expanded synthetic application monitoring, streamlining VM orchestration, and improving security management tools. Ongoing developments in Edge AI deployment and seamless model management will further support intelligent edge operations.

9. Barbara

Company type: Start up

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application

Key proposition: Delivers an Edge AI Orchestration Platform for deploying and managing applications and AI in distributed industrial environments, ensuring security, scalability, and efficiency.

Main customers: Primary clients include both end customers and systems integrators. Some examples of systems integrators Barbara works with include Tech Mahindra, Summan, SEMS Technologies, AXONE IO,

Orenda, UST, VASS, Baumier. End customers include large, asset-intensive organisations operating in distributed environments, across sectors such as power grid, water utilities, process and chemical manufacturing, energy (oil & gas), and building materials.

Notable achievements in 2024: In 2024, Barbara expanded its presence in the process, chemical, and energy sectors, adding clients such as GSK, PISA Farmacéutica, ARGOS Cementos, ALLnex, ENEDIS, and Iberdrola—two of the world's largest electrical utilities. The Barbara Marketplace also grew significantly, offering over 80 industrial applications ranging from data connectors and BI tools to AI models, enabling faster and more scalable edge deployments. The company was recognised in the 2024 Gartner Hype Cycle for Edge Computing in three categories: Industry Edge Integrated Solutions, Edge Management and Orchestration (EMO), and Edge Platform as a Service (PaaS). Product innovation continued with the release of six major platform updates, including enhanced AI support with ONNX and PyTorch frameworks, GPU compatibility, improved local node management, and upgraded user experience and cybersecurity features

Product development roadmap for 2025: Barbara will continue advancing its Edge AI platform with further security enhancements and remote management capabilities. It plans to refine its cybersecure operating system (Barbara OS), expand its web-based dashboard (Barbara Panel), and enhance API integrations for improved device control. Additionally, Barbara will introduce new automation features for fleet management and AI-driven monitoring solutions to optimise industrial edge deployments.

10. BIKAL

Company type: Start up

Position in edge ecosystem: Facility (e.g. Data Centre, Rack Systems, Power & Cooling, Site Design, Commission and Maintenance); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application

Key proposition: BIKAL localises compute to provide AI and data sovereignty for government and business, leveraging edge data centres for secure and efficient AI training and inferencing.

Main customers: Systems integrators e.g. Emircom, CDW, STL

Notable achievements in 2024: BIKAL developed an edge AI data centre in Sharjah, UAE, located in the Sharjah Research, Technology & Innovation Park. The centre delivers 1.3 petaflops of GPU compute across three dense racks, with a PuE of approximately 1.01 due to direct water cooling. Designed to support local AI development, it enables secure analysis of sensitive data and the fine-tuning of foundation models with regional values. The initiative fosters collaboration between universities, students, and industry. In its first year, it led to two spinouts: an AI tool for early disease detection using eye scans, and a locally trained LLM chatbot for citizen engagement.

Product development roadmap for 2025: Bikal Technologies is advancing edge AI applications, particularly in Full Self-Driving (FSD) technology. It is developing V2V and V2X solutions, integrating real-time modelling of vehicles, people, and infrastructure for seamless interaction. The company is also exploring AI-enabled fraud detection at ATMs and predictive resource provisioning for speed control in connected transport networks.

11. blocz IO

Company type: Start up

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System);Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data

Management Tools, Multi-cloud Platform); Software Application; Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: Delivers the infrastructure and solutions that make edge computing possible, reducing costs and supporting a sustainable future.

Main customers: Smart cities (City of Las Vegas), healthcare, manufacturing, retail, energy, telecommunications, online gaming/e-sports, storage and open metaverse solutions.

Notable achievements in 2024: blocz, in partnership with Vapor IO, conducted a successful edge-based proof of concept and pilot for the City of Las Vegas, focused on delivering computer vision solutions. The pilot demonstrated that such real-time applications are not feasible in traditional hyperscale cloud environments due to latency constraints, and that alternative approaches would be cost-prohibitive because of the high volumes of data transfer required. blocz also expanded its UK operations by establishing several new edge locations at strategically important sites. The company advanced its sustainable edge cooling solutions by introducing a range of new products, including storage and GPU servers, and achieved further improvements in cooling performance. Additionally, blocz formed new partnerships and secured customers who are set to begin deploying its edge technology and cooling solutions in conventional buildings, such as hotels.

Product development roadmap for 2025: blocz IO is planning on advancing AI at the Edge, focusing on real-time inferencing, agentic AI, and robotics. It is also focused on developing ultra-low latency networking to support AI inferencing and workflow automation. The company is also integrating AI into telecom RAN systems to optimise power consumption, improve performance, and enhance spectral efficiency.

12. CanaryBit

Company type: Start up

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application; Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: Cloud and edge infrastructure for end-to-end data protection and secure data sharing.

Main customers: A notable customer is Magna International. The company also serves automotive OEMs and Tier 1 system integrators and telco operators.

Notable achievements in 2024: In 2024, a notable accomplishment was the initiation of a joint demonstrator project in Sweden with Ericsson, Volvo Trucks, and Telia. This pilot aims to showcase secure digital infrastructure for sharing automotive data, contributing to advancements in smart mobility

Product development roadmap for 2025: The company is planning to release an end-to-end secure infrastructure for lifecycle management of AI models and data for training and inference. This product will be edge-native, built using advanced hardware-enabled security features such as confidential computing, and tested in a large-scale demonstrator.

13. ClearBlade

Company type: Growth stage

Position in edge ecosystem: Software Application

Key proposition: Helps businesses turn machine data into real-time insights that drive safer, more sustainable, and more efficient operations.

Main customers: Buildings/facilities, manufacturing/automotive, energy and sustainability, and public sector, (example companies include Rheem, Heritage Systems, Metra, and Seawolf).

Notable achievements in 2024: ClearBlade introduced AI-powered updates to Intelligent Assets, including a GenAI Chatbot for rapid deployment and a GenAI Assistant for faster IoT setup, enabling quick access to machine data and advanced use cases like Edge AI. The new Anomaly Detection Component uses AI to identify unusual patterns, like excessive flow rates in water pumps and presents them in a simple gauge widget for immediate action. It also strengthened its partnership with Google, facilitating the migration of 250 customers following Google's transition to a partner-led IoT Core model. ClearBlade was named a leader in the 2024 SPARK Matrix for IoT Edge Analytics Platforms.

Product development roadmap for 2025: ClearBlade is enhancing device onboarding, streamlining AI-enabled data pipelines, and advancing AI-driven insights for video analytics, predictive maintenance, and cost forecasting.

14. CloudBackend

Company type: Start up

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application

Key proposition: Helps SaaS and mobile app companies build and operate better software by providing the tools to develop scalable, legally compliant applications with high-speed global availability.

Main customers: SaaS companies, mobile app companies, system integrators, software vendors, and developers (Cloudme.com and Cloudtop.com).

Notable achievements in 2024: CloudBackend integrated generative AI for application development. The company also added capabilities for developers to build web and mobile apps that utilise edge computing, including launching a Microsoft Visual Studio Code plugin to improve developer workflows. It also introduced geo-fencing solutions for regulatory compliance.

Product development roadmap for 2025: CloudBackend is adding Agentic AI to simplify application development using generative AI. It is also focusing on abstracting complexity in edge computing, making it an invisible yet powerful enabler of scalable global SaaS solutions.

15. Dell Technologies

Company type: Established

Position in edge ecosystem: Facility (e.g. Data Centre, Rack Systems, Power & Cooling, Site Design, Commission and Maintenance), Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing), Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System), Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform), Software Application, Services (Design & Engineering, Systems Integration, Managed Services), Open Source & Forums (e.g. Open Source, Forums and Communities)

Key proposition: Dell Technologies edge solutions enable organisations to innovate anywhere data lives with leading-edge solutions designed to optimise AI workloads and deliver faster insights.

Main customers: 87% of the Fortune 100 use Dell Technologies edge solutions. This includes 100% of F100 companies in manufacturing, retail, and telecom, 14 out of the top16 healthcare companies, 14 out of the top

17 financial services organisations, and 9 out of the top 11 energy companies. Customers that have purchased Dell NativeEdge include Nature Fresh Farms and MatrixSpace.

Notable achievements in 2024: A new release of Dell NativeEdge was announced, designed to help customers save time, reduce complexity, and automate manual processes for AI at the edge. Dell also launched the PowerEdge R670 and R770 servers designed for cloud and near-edge deployments. Dell also announced a new release of Dell NativeEdge, representing a significant breakthrough for AI innovation at the edge – designed to simplify operations, enhance scalability, and automate deployments throughout edge environments. Dell also announced new additions to the catalogue of integrated software that automates the deployment of open-source AI tools, frameworks, and applications. From Apache Spark to NVIDIA NIM and Intel Geti, these new NativeEdge Blueprints automatically deploy the entire MLOps stack along with a wide range of industry-specific applications.

Product development roadmap for 2025: Expansion of virtualisation and containerisation capabilities at the edge, higher levels of interoperability for Dell NativeEdge with compatibility across additional Dell and third-party hardware as NativeEdge Endpoints, expansion of high availability clustering capabilities at the edge to include edge form-factor devices such as Gateways and industrial PCs, tighter integration with AI frameworks from NVIDIA and other vendors so the development of AI solutions incorporating these frameworks becomes easier and more scalable, ongoing integration of additional AI applications from notable ISVs into the catalogue of NativeEdge Blueprints, as well as AI enhancements to edge infrastructure and devices including feature-rich AI accelerators with low power consumption requirements, and additional options for GPUs and NPUs to support AI workloads.

16. Edge Signal

Company type: Start up

Position in edge ecosystem: Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application; Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: Offers AI-driven solutions for telcos and enterprises, enabling scalable, secure, and efficient edge computing with advanced capabilities for data processing and network management.

Main customers: Customer base includes telco customers, as well as logistics, retail and hospitality companies.

Notable achievements in 2024: Edge Signal introduced native Large Language Model (LLM) capabilities, enabling advanced real-time data processing and launching customisable LLM agents for tailored, secure solutions. The company's leadership in this field was recognised with the publication of LLM-Based Edge Intelligence, which became one of IEEE's most popular publications in October and November. Edge Signal also expanded its capabilities to manage Telco Universal CPEs and extensively support far edge infrastructure, ensuring robust performance and scalability for complex environments.

Product development roadmap for 2025: Edge Signal is advancing AI-enablement features, including improved LLM-driven real-time analytics and AIOps for automating IT operations. It is also enhancing video, voice, and sensor AI capabilities to optimise decision-making and security in edge environments.

17. Ekinops

Company type: Established

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System), Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform)

Key proposition: Ekinops offers all connectivity services in a single box to maximise the value in the easiest way possible.

Main customers: 90% of customers are telcos: Tier-1s for access and edge and Tier-2 and Tier-3s for optical transport.

Notable achievements in 2024: Ekinops has doubled its customer base in North America as part of a broader regional expansion. Supporting this growth, the company opened a new R&D headquarters in Lannion, focused on advancing optical transport technologies. On the customer front, Orange Business launched its SD-WAN Essentials offering using Ekinops' technology, while ADNOV selected Ekinops' SD-WAN Xpress to power a secure private network for all French notaries. Ekinops also enhanced its capabilities with container orchestration via Nuvla and advancing Layer 1 edge technologies.

Product development roadmap for 2025: Ekinops is planning to focus on cybersecurity (using AI to learn and block threats), quantum resistant networks (using edge computing to deploy quantum agent at the edge), DCI optical transport to support the load of AI in data centres.

18. Experis

Company type: Established

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application

Key proposition: Delivers fleet management solutions that simplify operations with AI-driven orchestration and deployment, optimising efficiency across utilities and oil and gas industries.

Main customers: Utilities and oil and gas companies.

Notable achievements in 2024: Experis expanded its customer base, acquiring new clients in the utilities and oil & gas sectors. Its AI-powered fleet management platform is streamlining operations and improving decision-making in asset-intensive industries.

Product development roadmap for 2025: Experis is focusing on AI-driven orchestration and deployment to enhance fleet management capabilities. The platform will introduce predictive analytics, automation features, and improved AI-enabled asset tracking.

19. Green Edge Computing (GECCO)

Company type: Start up

Position in edge ecosystem: Facility (e.g. Data Centre, Rack Systems, Power & Cooling, Site Design, Commission and Maintenance); Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: Offers compact, energy-efficient edge data centres with modular infrastructure, supporting AI, industrial automation, and telecoms applications in remote and urban environments.

Main customers: Industrial, retail, defence and several major utilities companies, as well as telecoms operators.

Notable achievements in 2024: GECCO launched the EdgePod, introduced it at global tradeshows across various verticals, such as retail, telco, manufacturing, automation, industrial, utilities and power distribution. The company secured major sales, achieving profitability as a hardware start-up. GECCO also evolved and advanced its designs for the EdgePod and EdgeCard servers, signed up a number of channel partners spanning five countries, opened a new manufacturing facility, and was published by IEEE in Mexico around the application of GECCO's ultra-compact data centre platform for smart grid applications in national power utilities.

Product development roadmap for 2025: GECCO is developing an enhanced EdgePod variant with new features, higher durability, and expanded integration capabilities. It is also working on an EdgeCard Switch for secure networking and an energy-efficient EdgeCard GPU to optimise AI workloads.

20. HyperBlox

Company type: Start up

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing), Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform), Software Application, Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: Empowers industries with AI-driven 5G IoT solutions, delivering automated use cases to maximise operational efficiency.

Main customers: Telecoms operators (e.g. AI Telekom), systems integrators (e.g. Kontron Transportation, Mantech International), technology providers (e.g. Amdocs) and direct to defence enterprises (e.g. US Army and Defence Innovation Unit)

Notable achievements in 2024: In 2024, HyperBlox expanded its Connectivity Suite, which provides standardized Wi-Fi, LTE, and 5G network functions, by securing a new contract to implement Non-Terrestrial Networks (NTN). Additionally, HyperBlox was awarded a Phase 2 contract with the U.S. Army to prototype AI/ML Edge use cases using its patented HyperBlox framework. HyperBlox also secured a contract with the Defence Innovation Unit to prototype an AI-driven Digital OnRamp platform that streamlines engagement between the Defence Industrial Base and the Department of Defence. This platform leverages AI to streamline search, discovery, and matching of private sector capabilities with Department of Defence opportunities, helping users to engage more effectively.

Product development roadmap for 2025: Continue to enhance the HyperBlox framework to automate the AI pipelining process for model training and deployment.

21. IOTech Systems

Company type: Growth stage

Position in edge ecosystem: Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application; Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: Makes industrial data easily accessible, actionable, and manageable, supporting edge computing in diverse industrial applications.

Main customers: Companies in automation, renewable energy, manufacturing/industry 4.0, cities/venues, transportation and retail industries.

Notable achievements in 2024: IOTech launched new versions of Edge Central and Edge Manager to enhance edge data management and scalability. The company strengthened partnerships with Shift Energy and Acuvate and continued its leadership in the EdgeX Foundry open-source initiative, encouraging adoption among industry leaders like Schneider Electric, Eaton, and Danfoss.

Product development roadmap for 2025: IOTech is advancing AI enablement at the edge by improving OT device connectivity, data ingestion, and AI deployment flexibility. New industrial protocol connectors and enhanced AI application hosting will enable greater adaptability and scalability.

22. Lanner Electronics

Company type: Established

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: Offers modular and scalable hardware platforms for AI acceleration, data processing, and network throughput, helping industries optimise edge deployments, enhance decision-making, and support low-latency applications securely and reliably.

Main customers: Network communications specialists e.g. Juniper Networks, NVIDIA, Fortinet, Intel, Check Point Software Technologies.

Notable achievements in 2024: Lanner launched its modular edge AI platform and had three other edge appliances certified by NVIDIA. It released rugged security gateways for OT networks in critical infrastructure. The company also expanded its role in video analytics and earned new certifications for its industrial-grade platforms.vLanner launched the ECA-6051 platform, a high-performance edge AI solution that features a modular and flexible architecture to meet the diverse demands of high-performance AI workloads at the network edge. As part of the Nvidia MGX ecosystem, the platform integrates scalable hardware with advanced data processing capabilities, AI acceleration, and high network throughput. Lanner also announced three of its edge AI appliances were validated by NVIDIA as Certified Systems for industrial edge computing. Lanner also had notable releases of robust security solutions and security gateways for critical infrastructure environments such as power stations, oil refineries, and transportation facilities.

Product development roadmap for 2025: Lanner will expand its AI-enabled edge offerings, including the ECA-6040 server for generative AI and the NCA-4240 for AI-based firewall applications. New solutions for video analytics, SD-WAN, and substation automation will debut at LEAP 2025, strengthening its Edge AI portfolio.

23. Lytn

Company type: Start up

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform)

Key proposition: Enabling non-terrestrial-networks to deliver the best service when the demand keeps changing.

Main customers: Service providers, such as redvine.io. Lytn is now aiming to focus more on NTN market segment.

Notable achievements in 2024: Lytn demonstrated its predictive AI engine on non-terrestrial networks, allowing to predict quality issues and volumes to be exchanged in the next 30 minutes. Lytn also launched a second AI layer to all its client base which takes all the meta data generated by the main AI engine to issue monthly reports, benchmarking all SP underlays. The company also joined the Camara and began discussions with Orange to use Camara APIs. Its AI Agent patent was also approved in the US.

Product development roadmap for 2025: Lytn plans to prototype its decentralised AI agent engine, embedding AI into edge systems and enabling regional collaboration among agents for autonomous, scalable and negotiable decision-making.

24. mimik

Company type: Growth stage

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform)

Key proposition: Enables an AI-driven edge cloud ecosystem that enhances performance, reduces latency, ensures privacy, minimises cloud dependency, and empowers autonomous end devices like drones and robots with offline human-like behaviour.

Main customers: Energy, marine, automotive, industrial IoT, healthcare, and smart cities, telcos, mobile operators, systems integrators and software vendors (Fortune 100 companies and leading technology providers.)

Notable achievements in 2024: mimik has advanced its product innovation with a universal operating environment for Hybrid Edge AI, enabling offline-first, on-device processing, real-time inference, and cross-platform interoperability. It also launched HybridTrax, a privacy-preserving tracking and analytics platform, and introduced a Software-Defined Vehicle (SDV) stack for low-latency edge AI in connected vehicles. The company joined the NVIDIA Inception program and COVESA and partnered with EdgeRunner and NXP to enhance edge AI deployment and demonstrate real-time SDV capabilities. mimik has also expanded its customer base across marine, automotive, construction, and industrial IoT sectors, validating the scalability of its edge-native AI solutions.

Product development roadmap for 2025: mimik will continue advancing mimik AI, HybridTrax, and mimik SDV while launching new solutions tailored for industry-specific edge AI applications, including Cognifix – a next-generation AI-driven cognitive computing platform that enables seamless human-machine interaction, adaptive AI models, and intelligent automation at the edge, and Operatix – a next-gen AI-powered observability and operational intelligence platform that monitors, analyses, and optimises distributed edge workloads, providing real-time insights for enterprises managing complex AI-driven ecosystems. Additionally, mimik will enhance existing offerings with AI-to-AI service mesh for seamless model discoverability and real-time collaboration across edge devices, edge-native AI model training and fine-tuning, reducing reliance on centralised cloud infrastructure, interoperability and advancements in mimik SDV, focusing on real-time AI sensor fusion, multi-modal V2X communication, and over-the-air AI model updates for next-gen connected vehicles.

25. Namla

Company type: Start up

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform)

Key proposition: Only edge AI orchestration solution that provides secure zero touch deployment and provisioning, Kubernetes cloud native orchestration and SD-WAN for secure edge-to-cloud connectivity, all in the same platform.

Main customers: Enterprises, telecoms operators, system integrators.

Notable achievements in 2024: Namla attained a partnership with Nvidia, and partnerships with OEMs, including Advantech and AsusIoT. Furthermore, the company, won a large edge AI deployment and orchestration project in the Middle East with over 1,200 sites.

Product development roadmap for 2025: Namla will focus on improving edge AI orchestration through enhanced resource and GPU management while deepening platform integrations with telecom partners for scalable deployment.

26. Nearby Computing

Company type: Growth stage

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application

Key proposition: Provides vendor-agnostic, scalable orchestration solutions for complex edge-to-cloud environments, enabling seamless integration across multi-cloud and multi-site deployments. Its platform enhances efficiency, scalability, and automation for telcos and enterprises.

Main customers: Tier 1 and Tier 2 telecom operators, enterprises (retail, manufacturing, energy, oil and gas, logistics), systems integrators (Kyndryl, Italtel, Hewlett Packard Enterprise, Infosys, Capgemini), and specialised enterprises (Linebreak).

Notable achievements in 2024: Nearby Computing closed a Series A funding round backed by Akamai and Telefónica. It introduced a 5G MPN OSS for telco clients, allowing a single pane of glass for managing multiple on-prem or centralised private networks based on different vendor technologies, including MEC. It also launched verticalised enterprise-edge solutions, beginning with retail and energy sectors, marking the start of a broader strategy to expand into additional verticals such as manufacturing and logistics, targeting industries in the early stages of edge adoption.

Product development roadmap for 2025: Plans include expanding the 5G MPN OSS module for advanced private/public 5G network use, developing comprehensive tools for managing networks, infrastructure, and applications across distributed environments. The company is also developing AI-driven dashboards tailored for retail and energy sectors to enhance decision-making and is planning to launch "Edge AI-in-a-Box" for rapid deployment of AI workloads in industries like manufacturing and retail.

27. Nife Labs

Company type: Start up

Position in edge ecosystem: Facility (e.g. Data Centre, Rack Systems, Power & Cooling, Site Design, Commission and Maintenance); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and

Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application; Services (Design & Engineering, Systems Integration, Managed Services); Open Source & Forums (e.g. Open Source, Forums and Communities)

Key proposition: Simplifies multi-cloud and edge computing with seamless orchestration, cost optimisation, and automated scaling, enabling enterprises to deploy, manage, and secure applications effortlessly across hybrid environments.

Main customers: Finance, legal, and e-commerce, telecom providers (Indian Telecom Department), systems integrators, software vendors (large customers in retail, blockchain and ecommerce in Oman and Dubai).

Notable achievements in 2024: Nife Labs launched SyncDrive, Platus, and Zeke, focusing on 6G use cases enhancing multi-cloud and edge computing capabilities for PaaS and Standalone. It expanded its customer base and entered US and Middle East markets, supporting major clients in retail, blockchain, e-commerce, and public sector.

Product development roadmap for 2025: Key developments include AI-led incident response, predictive scaling, intelligent edge orchestration, and AI-enhanced DevOps, security and cost control – tailored for demanding, latency-aware enterprise environments.

28. nLighten

Company type: Start up

Position in edge ecosystem: Facility (e.g. Data Centre, Rack Systems, Power & Cooling, Site Design, Commission and Maintenance) ;Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform)

Key proposition: A digital infrastructure platform which operates edge data centres distributed across several European economic hubs allowing for excellent low latency network access for industry, private users and the mobile workforce.

Main customers: Mid-market enterprises, hyperscalers, AI companies, and third platform players.

Notable achievements in 2024: nLighten launched its Carbon Free Energy study extending the established 24/7 CFE principles and focusing on the measurement and reporting on the group's energy operations. In The company also partnered with Megaport to enhance its cloud on-ramp platform for enterprise clients across Europe.

Product development roadmap for 2025: nLighten expects European expansion through acquisitions, sustainability-focused project agreements, and launches of enhanced connectivity offerings.

29. NodeWeaver

Company type: Growth stage

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Software Application

Key proposition: Provides reliability, simplicity, and manageability for edge deployments of any size or scale.

Main customers: Enterprises (e.g. in transportation, energy, manufacturing, financial services), telecom operators and integrators/service providers (Carnival Corporation, ODF, Higeco Energy).

Notable achievements in 2024: NodeWeaver expanded its footprint with successful deployments across Carnival Corporation and began trials with a major energy services firm and a UK communications provider. It

launched a new partnership with OnLogic to improve edge computing efficiency and was recognised by DCIG as a Top 5 VMware Alternative for SMB/Edge. NodeWeaver also received a US patent for its DNSOps deployment system, further validating its innovation in scalable, distributed edge infrastructure. These milestones reflect continued momentum across transport, energy and telecom sectors.

Product development roadmap for 2025: NodeWeaver's 2025 roadmap focuses on deepening automation through no-code scripting, advancing modularisation by embedding API endpoints in firmware, and shifting secondary services to system-managed VMs. It will also release beta builds for ARM-based platforms and implement AI-powered load balancing and predictive resource planning. The platform will include local LLM support to assist users and autonomously remediate issues, particularly for airgapped edge deployments, enhancing reliability at scale.

30. NTT Data

Company type: Established

Position in edge ecosystem: Facility (e.g. Data Centre, Rack Systems, Power & Cooling, Site Design, Commission and Maintenance); Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application; Services (Design & Engineering, Systems Integration, Managed Services); Open Source & Forums (e.g. Open Source, Forums and Communities)

Key proposition: Offers a fully managed edge computing portfolio integrating Edge AI, Private 5G, and IoT for real-time processing, automation, operational efficiency, robust security, and reduced latency at the edge.

Main customers: Manufacturing (LyondellBasell, BMW Innovation Hub), Transportation & Aviation (Fraport AG: Frankfurt Airport operations, Cologne Bonn Airport: Aviation services), Sports & Entertainment (Penske Entertainment), Smart Cities (City of Las Vegas, Government agencies), System Integrators (NEC/Netcracker, Kyndryl, Infosys, Dacoso), strategic partnership for edge computing innovation with Intel, joint edge computing solutions with Schneider Electric, telecoms operators (Tier-1 Japanese operators, global telecom providers)

Notable achievements in 2024: NTT Data launched its Edge AI platform to enable real-time AI processing in industrial settings and partnered with Schneider Electric to unify edge, 5G, and IoT for smart infrastructure deployments. It expanded its collaboration with Cisco and deployed smart city projects in Las Vegas and Brownsville, Texas. Across Europe, the company led smart venue and campus initiatives in Germany and developed private 5G for large events and factories. These deployments demonstrate NTT's leadership in integrating AI, 5G, and edge computing to transform operations across public and enterprise sectors.

Product development roadmap for 2025: NTT Data will scale its AI capabilities in 2025 by expanding its GenAI workforce and releasing enhancements to its Dolffia and Eva platforms. Focus areas include AI document processing, conversational AI, predictive maintenance, and edge-native applications for physical environments. AI-based coding automation, legacy migration tools, and edge-ready LLMs will support faster deployment and improved insight generation. These developments will underpin scalable, secure and efficient solutions across manufacturing, logistics, energy, and smart cities—driving AI-powered decision-making at the network edge.

31. OpenNebula

Company type: Growth stage

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI

and Data Management Tools, Multi-cloud Platform); Open Source & Forums (e.g. Open Source, Forums and Communities)

Key proposition: Deliver open-source infrastructure management solutions that simplify and enhance the deployment and operation of distributed virtualised environments. With DevOps automation, unified management, and AI-driven optimisation, the company enables scalable, flexible, and efficient cloud infrastructure.

Main customers: Virtualisation cloud platforms worldwide (small infrastructures to large-scale environments in various industries,) FinTech companies (MX), gaming enterprises (EveryMatrix), cloud service providers (Dustin), and online suppliers (CEWE).

Notable achievements in 2024: OpenNebula launched version 6.10 “Bubble,” a Long-Term Support release with UI enhancements, PCI passthrough, and improved backup and multi-tenancy. It expanded its Partner Programme, helping businesses move from VMware to a flexible, open-source alternative. Customer case studies with Beeks and Encore Tech were widely featured. OpenNebula was chosen by the EU to lead sovereign cloud development as part of IPCEI-CIS. With thousands of active deployments and top reviews on Gartner Peer Insights, OpenNebula continued its growth as a trusted enterprise cloud and edge platform.

Product development roadmap for 2025: In 2025, OpenNebula will release versions 7.0 and 7.2 with a redesigned Sunstone UI and advanced VMware migration features. AI-driven operations will be introduced through OneAIOps, offering predictive analytics and automated optimisation. The roadmap also includes OneFormation for DevOps automation, and expanded hybrid multi-cloud management. Enhanced support for AI training and confidential computing will align with enterprise requirements. These upgrades position OpenNebula to support scalable, intelligent edge and hybrid cloud deployments while simplifying infrastructure management.

32. OptDyn

Company type: Start up

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application; Open Source & Forums (e.g. Open Source, Forums and Communities)

Key proposition: Pioneering deep tech Edge security solutions spanning P2P Multi-access sovereign Edge Clouds to real-time defence platforms to cyber-secured national-scale remote work, identity, and fintech programs.

Main customers: Governments/national-scale programs, enterprises, VCs, institutional investors, sovereign funds and their portfolio companies.

Notable achievements in 2024: OptDyn expanded its sovereign edge cloud deployments, developed and prepared to launch LifeLine – a secure remote work and identity platform – and announced TSAM.ai, a trade secret asset management tool. It also entered strategic partnerships with several European and MENA governments and was recognised for its Subutai platform’s long-standing deployments in national defence use cases.

Product development roadmap for 2025: OptDyn plans to scale deployments of LifeLine and TSAM.ai in national programmes. TSAM.ai will use AI to automate identification, tracking, and protection of trade secrets. LifeLine Wallet will support AI-assisted productivity tools, secure authentication and digital payments, and run blockchain-based smart contracts for worker verification.

33. Orange Business

Company type: Established

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: Global provider of Connectivity, Cloud and Cybersecurity services such as Flexible SDWAN, Evolution Platform, Managed Cybersecurity services, as well as professional services in cybersecurity and data analytics.

Main customers: Manufacturing, transport and logistics enterprises.

Notable achievements in 2024: Orange Business identified edge computing as a core enabler of operational experience for enterprise customers. It progressed a multi-edge strategy with both vendor and in-house offers. The company expanded delivery of Azure Stack services and began in-house customer edge computing projects targeting manufacturing, transport and logistics sectors.

Product development roadmap for 2025: Orange Business will launch GPU-as-a-service and test in-house generative AI services running on its edge infrastructure. It is also developing packaged edge-based video surveillance solutions for health and safety use cases, aimed at sectors like manufacturing and transport.

34. Qwilt

Company type: Growth stage

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing)

Key proposition: The Open Edge, where computing power, caching, and overall content delivery are embedded directly into ISP's networks, places these capabilities closer to users, minimising latency, mitigating network congestion, and transforming how digital content and applications are delivered, greatly enhancing QoE and efficiency.

Main customers: Qwilt serves Service Providers and Content Providers worldwide. Notable customers include Comcast and Disney. Qwilt has also partnered with BT, Airtel, Telefonica, and Vodafone, helping to build a highly distributed, edge-based content delivery network that improves performance for broadband users.

Notable achievements in 2024: In 2024, Qwilt achieved a significant milestone by partnering with Comcast to deploy its Open Edge platform, establishing the most distributed content delivery network (CDN) in the U.S. This deployment uses edge compute technology to bring content closer to consumers, enhancing streaming, gaming, and overall internet experiences. Another key accomplishment in 2024 was Qwilt's partnership with Cirion, a leading provider of digital infrastructure and technology services across Latin America. Qwilt enhances Cirion's network by deploying its caching software and web services at every node.

Product development roadmap for 2025: In 2025, product development will focus on leveraging Qwilt's distributed edge network to support AI-driven use cases. With nearly 1,500 nodes embedded in service provider networks worldwide, Qwilt is uniquely positioned to enable AI applications to operate efficiently at the edge. Its network already delivers low-latency, highly reliable content, opening up new opportunities for AI without the network becoming a bottleneck.

35. Rakuten Symphony

Company type: Established

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform)

Key proposition: Provides automation, eliminating operations silos, and significantly reducing the complexity of distributed and edge cloud migrations and lifecycle management.

Main customers: Telecoms operators, enterprises and systems integrators (Google.)

Notable achievements in 2024: Rakuten Symphony focused on two key edge solutions in 2024. The real-time policy-driven power efficiency management platform optimises resource utilisation by dynamically scaling workloads based on energy consumption and performance needs. Rakuten Cloud-Native Storage (CNS) solution, trusted by Google Distributed edge, drove the adoption of the on-premise edge cloud market.

Product development roadmap for 2025: As AI is increasing power usage, Rakuten Symphony will focus on evolving its energy management solution. The company is planning to continue to onboard new GPU models as well as enhance automated workload and storage placement for optimising both virtual and sliced GPU solutions. In its storage solution, Rakuten Symphony is planning to optimise the data pipelines for NVMe, to better provide AI solutions with high-performance storage. In its orchestration and cloud platforms, the company is planning to create new AI workflows to streamline model development, automate deployment processes, and optimise resource utilisation for faster, more efficient AI innovation at scale.

36. Roost

Company type: Start up

Position in edge ecosystem: Facility (e.g. Data Centre, Rack Systems, Power & Cooling, Site Design, Commission and Maintenance), Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing), Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System), Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform), Software Application, Services (Design & Engineering, Systems Integration, Managed Services), Open Source & Forums (e.g. Open Source, Forums and Communities)

Key proposition: Roost connects devices, unifies technological infrastructures, and integrates connectivity, hardware, and software, utilising Edge Computing, IoT, and AI to drive innovation, optimise processes, and promote efficiency, savings, and sustainable growth for businesses.

Main customers: Eurofarma (Pharmaceutical Company), UNESP (São Paulo State University), Boticário (Cosmetics and Beauty), Caedu (Fashion Retailer), Copel (Paranaense Power Company), Sabesp (São Paulo State Water Company), University Hospitals (Federal), hCor - Hospital do Coração (Hospital), Sepaco (Hospital), UNICAMP (State University of Campinas), Cebraspe (Brazilian Center for Research in Evaluation and Selection), UNB (University of Brasília), BRB (Bank of Brasília).

Notable achievements in 2024: Roost has consolidated Roost ONE, a unified platform for monitoring, analysis, and integrated system control. The company has introduced targeted solutions such as Roost HVAC, Energy, Water, Tracker, PayTrack, Alert, SmartVision, Thermo, and Labs, addressing needs from automation to analytics. Roost has also expanded its Edge-to-Edge infrastructure – including connectivity, cybersecurity, data centres, and intelligent surveillance – through new hardware and service partnerships.

Product development roadmap for 2025: Roost in planning to focus on Open API and third-party platform Integration, which would ease integration with ERPs, CRMs, and other platforms. Roost is also planning to expand its data analysis and automated reporting capabilities.

37. Simply NUC

Company type: Growth stage

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System)

Key proposition: Provides a diverse range of edge computing solutions, from compact 4x4 NUCs to ruggedised extremeEDGE Servers

Main customers: Enterprises (corporate IT, retail, hospitality, healthcare, industrial automation), government & defence (Mission-critical deployments, smart city infrastructure, command and control centres), systems integrators and MSPs.

Notable achievements in 2024: In 2024, Simply NUC achieved several milestones in edge computing and AI-driven solutions. The company launched extremeEDGE server product line. Designed for edge computing, these servers deliver high-performance ruggediaed solutions tailored for AI workloads, industrial automation, and remote deployments in a compact form factor. Simply NUC also collaborated with Scale Computing to integrate the SC//Platform into their computing hardware offering an all-in-one platform uniquely designed for running applications at the edge.

Product development roadmap for 2025: In 2025, Simply NUC will advance its extremeEDGE Servers and AI-driven edge computing capabilities with next-gen AI by integrating Intel and AMD AI-optimised processors for enhanced real-time analytics and deep learning, as well as ruggedised AI computing for industrial, healthcare, and mission-critical applications, strengthened remote monitoring capabilities as well as AI-driven cybersecurity features.

38. SmartConnect

Company type: Start up

Position in edge ecosystem: Facility (e.g. Data Centre, Rack Systems, Power & Cooling, Site Design, Commission and Maintenance); Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: Delivers end-to-end, standardised IoT solutions with a focus on edge computing and edge AI.

Main customers: Telcos, systems integrators, utilities companies, facilities managers and owners as well as industrial transformation solution providers.

Notable achievements in 2024: SmartConnect launched an advanced edge AI platform that enables real-time inferencing on IoT devices, reducing latency and cloud dependency for critical applications. The company has also deployed edge computing solutions with integrated AI capabilities for clients in manufacturing, healthcare, and smart cities. SmartConnect was also featured by CIOcoverage for their pioneering approach to standardised IoT solutions, with a strong emphasis on edge AI-driven transformation.

Product development roadmap for 2025: In 2025, SmartConnectIoT is going to focus on advancing edge AI and inferencing technologies. The company is aiming to integrate next-generation AI models for even faster, more accurate real-time insights, while prioritising energy efficiency and sustainability.

39. Spectro Cloud

Company type: Growth stage

Position in edge ecosystem: Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform)

Key proposition: Empowers organisations to manage Kubernetes at scale with a next-generation enterprise platform, delivering effortless control over the entire Kubernetes lifecycle across clouds, data centres, bare metal, and edge environments.

Main customers: Large enterprises (Fortune 1000,) public sector and defence organisations, healthcare, manufacturing, telecoms operators, global system integrators, MSP, (GE Healthcare, T-Mobile USA, Nokia, US Navy, US Air Force and the US Army.)

Notable achievements in 2024: Launched an "Edge-in-a-Box" solution combining Spectro Cloud's Palette Edge with HPE servers. This solution addresses the unique challenges of far-edge environments, offering robust hardware, tightly coupled security with SENA, and zero-downtime updates. Spectro Cloud also partnered with Stratus to deliver simple, secure, and resilient edge computing solutions, enabling VM and container workloads with high availability, fault tolerance, and effortless lifecycle management. The company also secured $75M in Series C funding led by Goldman Sachs Alternatives to accelerate innovation in Kubernetes management, particularly in edge computing, and expand customer support and go-to-market partnerships.

Product development roadmap for 2025: Spectro Cloud is planning to launch an AI agent for Kubernetes operations embedded into Palette to support with configuration, troubleshooting and optimisation.

40. SUSE

Company type: Established

Position in edge ecosystem: Facility (e.g. Data Centre, Rack Systems, Power & Cooling, Site Design, Commission and Maintenance), Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing), Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System), Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform), Open Source & Forums (e.g. Open Source, Forums and Communities)

Key proposition: SUSE Edge is a purpose-built cloud native edge computing platform for managing the full lifecycle of edge devices at scale that can be easily customised to support edge use cases across multiple industries.

Main customers: Some example customers include Home Depot, Danelec, BMW, and Hyundai.

Notable achievements in 2024: In 2024, the company achieved triple digit growth. Significant co-engineered solutions were closed with major partners in the healthcare, telco and power generation markets. SUSE also launched SUSE Edge 3.1, which integrates SUSE Security, bringing advanced security features and performance improvements. Kratos is now leveraging SUSE solutions to deploy and manage cloud-native, software-defined systems more efficiently. Additionally, the Dell and SUSE joint reference architecture for telco was published, and Intel's FlexRAN Reference Implementation for a virtualised 4G and 5G RAN stack was successfully deployed on the SUSE Edge for Telco

Product development roadmap for 2025: SUSE's road map for 2025 is focused on improvements affecting zero trust provisioning and lifecycle management, workload support and observability and metrics.

41. Syntiant

Company type: Growth stage

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System)

Key proposition: Syntiant delivers ultra-low-power, turnkey hardware and software solutions across a wide range of consumer and industrial edge AI use cases, from earbuds to automobiles.

Main customers: Amazon, Bosch, Ring, Renesas Electronics, Apple, Samsung, Google, Sony, Bose.

Notable achievements in 2024: Syntiant acquired of Knowles Consumer MEMS Microphone Division, enhancing its expertise in AI-driven audio processing. This acquisition will integrate Knowles's high-performance SiSonic MEMS microphones with Syntiant's Neural Decision Processors and deep learning models, creating an end-to-end AI audio solution. Syntiant also collaborated with ViewSEC to develop an AI-powered vision platform for dashboard cameras. This innovation combined advanced audio processing with real-time video analysis, enhancing driver safety and surveillance by leveraging edge AI for multimodal sensor fusion The company's edge AI capabilities also gained recognition from the U.S. Department of Defence Innovation Unit. Syntiant successfully developed AI-based automatic target recognition (ATR) and rapid retraining tools, enabling autonomous sensing for unmanned vehicles in disconnected, denied, intermittent, and limited (DDIL) communications environments.

Product development roadmap for 2025: Further development of the Knowles MEMS Division integration.

42. Telco Systems

Company type: Established

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing), Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System), Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform), Software Application

Key proposition: Telco Systems' Edgility offers operators the ultimate business flexibility to deploy cost-effective managed network services through unified edge virtualisation and management infrastructure for both network and compute

Main customers: Large service providers and global system integrators

Notable achievements in 2024: Launched the Edgility FlexConnect family of virtualised, managed edge connectivity solutions. The Edgility FlexConnect family includes both pre-packaged and fully customisable options to fit diverse networking needs. Telco Systems also launched the Edgility Edge Computing platform with Axtel Mexico. By integrating Edgility, Axtel gained enhanced edge computing capabilities, including deeper network visibility, real-time performance monitoring, and advanced analytics. The company also entered into a strategic partnership with Adaptiv Networks. By combining Adaptiv's secure SD-WAN and SASE technology with Telco Systems' Edgility FlexConnect platform, the partnership delivers an agile, high-performance solution that enables reliable, secure, and easily managed edge to cloud connectivity for large-scale networks.

Product development roadmap for 2025: Edgility will enable multiple container-based applications on extremely small computing devices designed for IIoT environments that run AI empowered safety and security applications.

43. Telefónica

Company type: Established

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System), Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform)

Key proposition: The Sovereign Edge with network access to enable the most demanding applications, including AI

Main customers: Main customers are enterprises

Notable achievements in 2024: Telefonica started participating in a new European funded initiative (IPCEI-CIS) to launch Cloud Edge Infrastructure that can be interconnected. As part of this initiative, the company is extending its Edge Nodes in Spain, adding 17 new locations. A special focus is set in achieving a deeper integration with 5G networks, integration with OpenGateway initiative of GSMA, providing AI as a Service and Sovereignty guarantees.

Product development roadmap for 2025: Telefonica is planning to launch advanced AI inference solutions based on NVDIA platform, including new GPU types to complement its current vGPU offering.

44. The Reddix Group

Company type: Start up

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing); Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Software Application; Services (Design & Engineering, Systems Integration, Managed Services); Open Source & Forums (e.g. Open Source, Forums and Communities)

Key proposition: Lowering energy requirements to the Edge using AI/ML based Energy Intelligence and Quantum Sensing as a major form factors.

Main customers: DoD's defence information systems agency, cyber command and the NSA at Fort Meade.

Notable achievements in 2024: The Reddix Group got into a partnership with the Midwest Micro Electronics Consortium (MMEC) to design and deploy a quantum computer for cybersecurity at the edge, which has the potential to revolutionize cybersecurity by providing new methods for encryption, threat detection, and secure communication. The company has Invested in ongoing research to improve quantum hardware, algorithms, and integration techniques and has partnered with academic institutions and government agencies to advance quantum cybersecurity technologies.

Product development roadmap for 2025: The focus for 2025 will be developing an AI Energy Intelligence Management Strategy at the Edge, using its patented Energy Processing Unit that provides a low latency Origin to Memory Superiority.

45. TinkerBlox

Company type: Start up

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform)

Key proposition: EdgeBloX is a ubiquitous, ready-to-deploy, device-agnostic edge meta-platform that empowers customers to run efficient applications and harness AI workloads at the edge.

Main customers: Device OEMs, system Integrators, ISVs, telcos, semi-conductor manufacturers.

Notable achievements in 2024: In 2024, TinkerBloX expanded the EdgeBloX suite, from its edge (UltraEdge) & cloud (UnCloud) AIoT layers, to include an e-commerce layer (HALO) to enable the full value-chain for -as-a-Service and outcome-driven business models. The AIoT suite with UltraEdge, UnCloud & HALO layers is now running successfully for multiple customers in three industries today, delivering the promise of Day-Zero Outcomes. TinkerBlox also launched EdgeBloX Meta-Core, a high-performance small-footprint highly fungible AIoT middleware. Meta-Core is already adopted by automotive OEMs as part of their futuristic software-defined-vehicles stack, as well as by edge data centres to orchestrate highly efficient yet sustainable autonomous eco-systems.

Product development roadmap for 2025: In 2025, TinkerBlox is planning to enhance its edge-native AI orchestration engine NeuroBoost to include hosting of self-learning algorithms for autonomous closed loops within the device. The company is planning to put in effort into making our federated learning system more robust and efficient. On the R&D front, TinkerBlox is expecting to gain traction on edge based GenAI systems at the device edge and the network edge.

46. Volt Active Data

Company type: Growth stage

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System), Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform), Software Application

Key proposition: Volt Active Data's universal real-time data processing platform addresses the problem of real-time fragility – it is not enough to be fast and reliable some of the time, you need to be fast and reliable all of the time.

Main customers: Amdocs, Dream 11, Barclays.

Notable achievements in 2024: In 2024 Volt Active Data launched VoltSP, a product for building cloud-native streaming data pipelines. VoltSP allows customers to take any stream from Kafka or other network protocols and preprocess it at mass scale and low latency before sending it to the core Volt transaction processing engine.

Product development roadmap for 2025: In 2025, Volt Active Data is planning to add OOTB support for execution of ONNX based ML models and also integration with model lifecycle management tools.

47. Wind River

Company type: Established

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System), Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform), Software Application, Services (Design & Engineering, Systems Integration, Managed Services), Open Source & Forums (e.g. Open Source, Forums and Communities)

Key proposition: Delivering software for the intelligent edge with its edge-to-cloud portfolio, powering billions of systems that require the highest levels of security, safety, reliability, and performance.

Main customers: Customers across mission-critical industries, including aerospace, automotive, defence, industrial, medical, and telco. Examples include Verizon, Boost Mobile, Vodafone, Telus, Elisa, KDDI.

Notable achievements in 2024: Wind River launched eLxr Pro, a new Linux offering designed for AI and other critical workloads. The company also executed the largest containers-as-a-service (CaaS) vendor changeover in the telecom industry on an Open RAN network, tied to Boost Mobile's customer acquisition. Wind River deepened its role in automotive innovation through a software-defined vehicle partnership with AWS, reinforcing its position at the intersection of edge and cloud. These milestones contributed to Wind River being ranked #1 in 5G cloud-native platforms by ABI Research and recognised as a technology leader in 2024.

Product development roadmap for 2025: Wind River's 2025 development roadmap focuses on advancing edge AI capabilities by expanding driver support for leading AI hardware, including NVIDIA Jetson, and providing native integration with popular AI frameworks such as PyTorch. Additionally, the company plans to optimise its underlying operating system to be more resource-efficient, targeting improvements in space, weight, and energy usage to better support demanding edge AI workloads.

48. ZEDEDA

Company type: Growth stage

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System); Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform); Open Source & Forums (e.g. Open Source, Forums and Communities)

Key proposition: ZEDEDA enables customers to seamlessly manage edge computing infrastructure, bringing visibility, security and scalability to these environments.

Main customers: Large enterprises with highly distributed environments, strict security requirements, air-gapped or connectivity-challenged locations, and challenges related to bandwidth, harsh environmental conditions, or restricted access. While our solution is horizontal, most customers today come from energy (renewable and traditional), transportation, manufacturing, and retail.

Notable achievements in 2024: ZEDEDA has launched Edge Sync, a new service for managing edge environments with limited or no connectivity. The company also expanded support for NVIDIA Jetson devices to simplify AI/ML workloads at the edge and secured $72M in Series C funding led by Smith Point Capital. ZEDEDA also strengthened its security posture by achieving ISO/IEC 27001:2022 certification, alongside its existing SOC2 Type 2. Strategic partnerships include a co-designed industrial solution with OnLogic, AI deployment collaboration with Edge Impulse, and new marketplace integrations with Losant and OpenVPN.

Product development roadmap for 2025: Key themes on the ZEDEDA roadmap include edge AI, Kubernetes, edge node clustering, expanded device support, and enhanced telemetry and logging.

49. Zella DC

Company type: Growth stage

Position in edge ecosystem: Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System)

Key proposition: With a comprehensive range of indoor and outdoor Micro Data Centres and scalable Containerised Data Centres, Zella DC offers a standard turn-key configuration ready for deployment and installation, enabling secure, reliable, and controlled environments for IT and OT equipment anywhere.

Main customers: Serves customers globally in a wide range of industries and environments. For instance, resources sector (BHP, Goldfields, Newmont, Petroecuador, InterOil, Atlas, Perenti), manufacturing sector (Austal, Toyota, Nissan, Kenmore Group), telecom sector (Internet Initiative Japan (IIJ), BT)

Notable achievements in 2024: Zella DC has expanded its global presence and strategic reach through several key partnerships and product developments. The company partnered with Laser Light Companies and the HALO Network Company to enhance connectivity and edge infrastructure capabilities across next-generation hybrid networks. In Latin America, Zella DC entered into a new distribution agreement with ForTeck in Chile, further extending its footprint in South America. Additionally, Zella DC established a strategic partnership with Blue NAP Americas to support edge deployments throughout the Caribbean. Zella DC also unveiled the Zella Outback, a rugged outdoor micro data centre designed for deployment in extreme environments

Product development roadmap for 2025: 2025 product development roadmap focuses on enhancing Edge DC and on-premise Edge AI infrastructure-ready solutions, including both indoor and outdoor micro data centres for applications such as smart cities, industrial automation, healthcare, and telecommunications. With AI workloads increasing power consumption, the company is also focused on integrating precision cooling and sustainable energy solutions to reduce operational costs and carbon footprint.

50. Zenlayer

Company type: Growth stage

Position in edge ecosystem: Network (e.g. IoT Gateway, Content & Application Delivery, Edge Optimised Routing), Edge Cloud Infrastructure (e.g. Processor, Hardware, Virtualisation & Containers, Operating System), Platform (e.g. Infrastructure Management and Orchestration, APIs and Developer Tools, AI and Data Management Tools, Multi-cloud Platform), Services (Design & Engineering, Systems Integration, Managed Services)

Key proposition: Provides indoor and outdoor Micro Data Centres and scalable Containerised Data Centres with turn-key configurations for fast deployment. Its solutions create secure, reliable environments for IT and OT equipment, supporting diverse industries and distributed deployments.

Main customers: Resources sector (BHP, Goldfields, Newmont, Petroecuador, InterOil, Atlas, Perenti,) Manufacturing sector (Austal, Toyota, Nissan, Kenmore Group,) Telecom sector (Internet Initiative Japan (IIJ), BT.)

Notable achievements in 2024: In 2024, Zenlayer has accelerated digital and AI transformation worldwide by expanding to 300+ global PoPs, 200+ network partners, 130+ Tbps capacity, 300+ cloud onramps, and 10,000+ network peers, now spanning 50+ countries. To support AI startups, small businesses, and enterprises, the company has also built Zenlayer GPU Cloud, which enables on-demand edge deployment of GPU-enabled compute with pre-installed AI models. Partnering with Equinix and Digital Realty, the company interconnected multi-megawatt AI clusters across strategic global locations for a customer. Zenlayer has also partnered with Telin and Chief Telecom, expanding customer access by creating service portals and upgrading Telin's traditional backbone with SDN to support digital transformation.

Product development roadmap for 2025: The two product developments the company is most focused on are the continued expansion of our Fabric for AI in Asia to connect more key data centres and compute clusters, and Zenlayer AI Gateway (ZAG) – a network interface integration service that provides a unified interface to various domestic and international AI LLMs.

The list was created by asking companies to submit themselves, therefore this may not be comprehensive and representative of the full spectrum of edge companies making waves in 2025.

Companies are listed alphabetically.

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