FusionLayer Xverse Securely Orchestrates Edge Cloud Infrastructure

SaaS-Based Lifecycle Management for the Edge

FusionLayer, a Helsinki-based provider of IP address management and network source of truth solutions, announced early proof-of-concept trials for Xverse, a new SaaS-delivered solution that orchestrates the provisioning, service deployment, and ongoing management of edge cloud infrastructure.

Infrastructure teams will be able to create a service catalog with a drag-and-drop interface inside a dedicated Xverse service pod running on a hosted platform. Then, Xverse will securely connect over the public internet with edge cloud infrastructure from the privacy of a customer-dedicated pod. Xverse offers zero-touch provisioning of full-stack infrastructure and software at each edge cloud site, pushes any necessary software updates, and configures network and security service. Additionally, it offers ongoing AI-driven dashboards for observability and management.

The Rise of Edge Cloud Services

Enterprise Management Associates (EMA) research consistently finds that industries will expand their use of edge cloud services over the next few years to provide distributed infrastructure for artificial intelligence (AI), operational technology (OT), the Internet of Things (IoT), private 5G and other wireless services, and cloud application portability. In fact, EMA has increasingly found that AI, OT, IoT, and edge infrastructure are driving decision-making around network automation, network observability, and zero trust security.

The Edge Orchestration Gap

Orchestration solutions for provisioning and deploying network and security services at these edge clouds are immature, requiring manual work. This can lead to long lead times for instantiating services. FusionLayer claims that Xverse can shorten rollouts of edge services from weeks to minutes by automating remote provisioning.

Provisioning these services is also inherently insecure, given that most edge cloud nodes are connected via the public internet. This often forces truck rolls so that technicians can provision local security services before connecting the edge node to the internet. Xverse offers customers a dedicated port that establishes a secure connection with edge sites. Xverse then applies service templates that automatically provision infrastructure and deploy network and secure services at each edge site. This eliminates truck rolls and manual work.

Xverse goes beyond provisioning and deployments. It monitors the health and availability of these edge cloud services and conducts ongoing, AI-driven lifecycle management. With Xverse, engineering and operations teams can efficiently manage edge cloud infrastructure health, performance, capacity, and cost.

EMA Perspective

FusionLayer is taking an innovative approach in an underserved market. Most edge cloud orchestration solutions are proprietary to the technology stacks of individual infrastructure solution providers or cloud providers.

Organizations that adopt multi-vendor edge infrastructure must build their own solutions for provisioning and configuring these services. This leads to manual efforts that are inefficient and less secure.

FusionLayer's vendor-agnostic approach with Xverse represents a leap forward in managing edge nodes.

FusionLayer's vendor-agnostic approach with Xverse represents a leap forward in managing edge nodes. Companies that are investing in the edge for AI, private 5G, OT, IoT, and cloud application portability will benefit from such a solution. Xverse is in proof of concept trials with strategic customers today. FusionLayer will make the solution generally available later this year.

About EMA

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