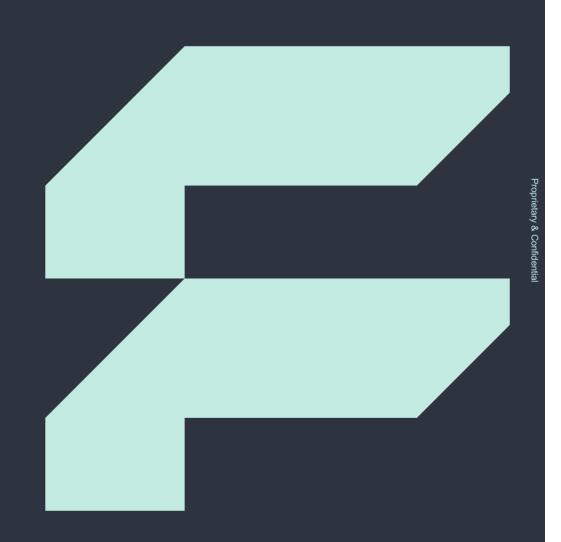


FusionLayer Inc

Simplifying the Edge Infrastructure





Managing Large Edge Fleets = Time + Expenses!



Artificial Intelligence relies on edge clouds.

They must be secured.

- Edge clouds becoming mainstream. Used to host network, security, and infrastructure services for Al-enabled apps.
- Managing large edge device fleets is an expensive headache:
 - New edge cloud nodes take weeks to set up
 - Maintaining scattered IoT fleets over the Internet
- No secure zero-touch services for edge device onboarding and infrastructure service management over the public Internet.



Simplifying Edge Infrastructure Management



- FusionLayer Xverse is a hosted service that makes managing edge cloud infrastructure and scattered IoT fleets a breeze:
 - Secure zero-touch onboarding for new devices
 - Drag-and-drop service deployment in minutes
 - Observability, updates, and decommissioning
- Ideal for distributed use cases involving many connectivity providers and a dynamic operating environment.

Meet the Google Play for Secure Edge Infra.

15.09.25



Streamlining Edge Infrastructure Services

- Secure Internet-based onboarding of new devices in seconds.
- Deploy required security, network, and other services in minutes.
- Reduce Operating Expenses by 90%+ while boosting agility.

Securing complex edge cloud infrastructure requires visibility and control. Using Al–enhanced automation to drive down costs and time-to-deploy.



Use Case no. 1: Private 5G

- FusionLayer, Supermicro, and Cumucore tested Xverse to manage Private 5G rollouts.
- POC covered deployment of new Private 5G core:
 - Remote onboarding of clean Supermicro edge devices
 - Secure zero-touch deployment of Private 5G core on Supermicro
 - Use case required public Internet connectivity
- Onboarded the Supermicro edge device and deployed a Private 5G core in under 2 minutes.







Use Case no. 2: Cloud Application Portability

- FusionLayer and Supermicro tested Xverse to automate remote NGINX deployments.
- POC covered deployment of NGINX instances:
 - Remote onboarding of clean Supermicro edge devices
 - Secure zero-touch deployment of NGINX engines on Supermicro
 - Use case required public Internet connectivity
- Onboarded the Supermicro edge device and deployed a NGINX service in under 30 seconds.



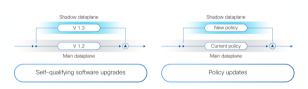




Use Case no. 3: Cisco Hypershield for Security

- New security solution announced in April 2024, embedded in the latest Cisco Nexus generation.
- Designed for hyper-distributed environments:
 - Will support also DPUs from 2025 onwards
 - Autonomous network segmentation and simulation
 - Distributed exploit protection
- FusionLayer can onboard DPUs in Cisco Nexus devices and deploy services into them.







Use Case no. 4: NVIDIA for Industrial Metaverse

 Nvidia collaborates with companies like Deutsche Bahn and Jaguar Land Rover to create omniverse at scale.



Nvidia Omniverse architecture leverages BlueField DPUs:



- DB Netze's Digitale Schiene to create digital twins of dynamic physical systems, including rail networks.
- Jaguar Land Rover leverages the architecture to accelerate the testing and development of next-generation autonomous vehicles.





 FusionLayer could onboard DPUs run by Deutsche Bahn and Jaguar Land Rover, manage DPU life-cycle, and reduce OPEX.

Ideal Solution for Secure Edge Onboarding

	5	DELL	aws	Telecoms	
Productized Solution	V	V	V		
Optimized for Onboarding Network & Security Functions	V			V	
Supports Secure ZTP	V	V			
Runs Securely over the Public Internet	V		V		
Supports any vendor	V			V	
Offered as a Hosted Service	V				



Already Trusted by Large Clients

























Thank you.



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