



Turnium delivers cloud-native, disaggregated networking for uCPE, IoT/IIoT, and Cloud Extension

Red Hat Software Partner



Turnium’s technology and business model generates real revenue and substantial margin. Within 12 months of selling Turnium SD-WAN, “ we recouped all our startup costs, including all infrastructure.”

Director, Hosted Voice, Network, and Managed Security firm, APAC

Connect clouds, networks, and devices using a highly scalable, multitenant, cloud-native, software-defined wide area networking foundation.

Turnium’s service provider branded, hosted, and managed platform enables service providers and enterprises to deliver highly reliable, high-speed, secure, multipath networks with failover across multiple wired and wireless WAN links at each site. Turnium-powered networks are quick to deploy and easy to manage because multisite network and edge node configuration is automated.

Deploying Turnium’s platform creates a value-added Edge Compute revenue stream for service providers. Our disaggregated platform enables service providers and enterprises to build their own SASE product offerings that leverage their existing investments in security technology platforms, services, and support that they have developed based on their unique market and customer requirements. Turnium’s flat-fee, per-site, all-inclusive model is designed to make pricing simple and drive high margins for multisite, hybrid cloud, hybrid network services that are affordable by all sizes of business.

Executive summary

Turnium’s software has been tested and certified on Red Hat® OpenShift® Container Platform. Together, Red Hat and Turnium enable service providers and enterprises to adapt their networks, edge services, and edge devices to a cloud-first strategy while integrating with existing networks, security platforms, orchestrators, and other operational and business systems.

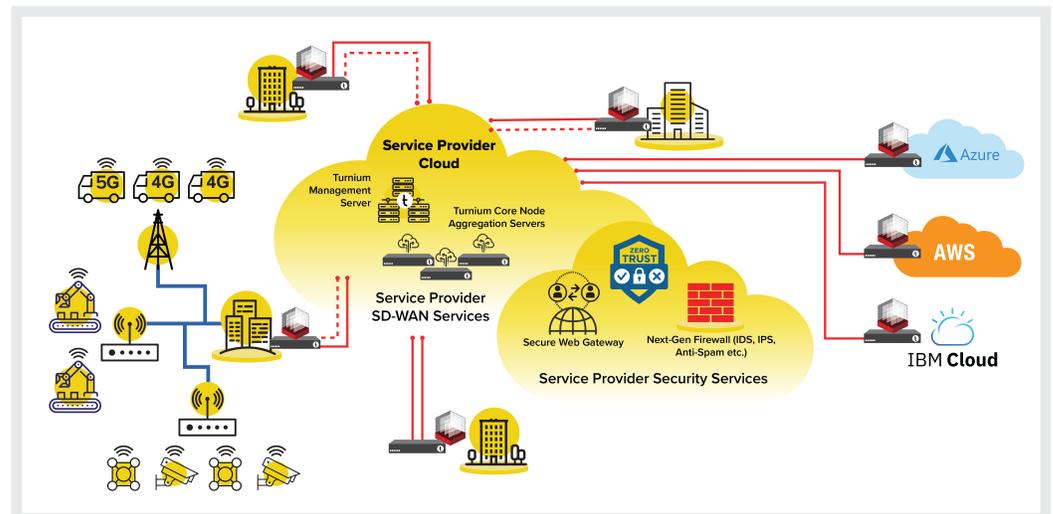
Turnium is CNF certified on Red Hat OpenShift, and integration has been demonstrated in the IBM Cloud with IBM Cloud Pak for Network Automation and IBM Enterprise Application Manager.

Product profile

Turnium’s disaggregated platform enables service providers to deliver scalable network services to customers requiring hybrid networks, hybrid cloud, multipath wired or 3G/4G, LTE, 5G wireless connectivity, IoT, or Edge Compute. Service providers brand, host, manage, and price Turnium’s platform and deliver services using bare metal, virtual, or container environments.

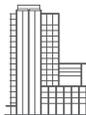


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“ We added Turnium SD-WAN to our network orchestration stack because it was the only one that provided a full API. To deploy and manage our networks globally, we needed to deploy software-defined networking in the core and through distributed POPs to the customer edge. Turnium’s API gave us the ability to deploy, manage, reconfigure, and report on SD-WAN services using our existing toolsets.”

CTO, APAC-based Networking and Orchestration Company



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Product benefits

Turnium’s platform has been adopted by channel partners to deliver network services globally to enterprise, mid-sized business, and to their own downstream wholesale channels.

- **Cloud-native, disaggregated architecture:** service providers build value-added services such as SASE on top of Turnium’s disaggregated networking platform to differentiate and drive revenue and margin.
- **Simplified network deployment and management:** Turnium’s automated network configuration makes deployment fast and eliminates errors and troubleshooting while easily integrating into existing operational, management, and business systems for seamless control and minimal training. Unlimited, no-charge multitenant core nodes scale services and revenue without driving costs.
- **Seamless 5G and wireless/wireline multipath failover:** service providers are empowered to deliver fixed-mobile convergence and wireless-wireless converged solutions to support flexible use cases, including IoT.
- **uCPE containerized deployments for Edge Compute:** Turnium enables service providers seeking to deploy uCPE with an appropriate business and software networking model. Turnium’s disaggregated model enables service provider business models with cost-effective pricing for each edge node.

Use cases

Turnium’s platform is highly scalable and supports building services that enable revenue from a variety of customer segments and markets, including:

- **Cloud Extension** – extend cloud services to every edge, anywhere, including remote sites, IoT locations.
- **uCPE & Edge Compute** – deliver cost-effective uCPE solutions for Edge Compute applications and network edge optimization.
- **IoT and Industrial IoT** – efficiently network IoT/IIoT nodes to cloud resources with always-on connectivity.
- **Build your own SASE** – leverage existing security platforms and know-how to build multiple unique SASE offers for your specific markets and segments over top of Turnium.

Learn more

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About Turnium

Turnium Technology Group, Inc. delivers its Turnium networking platform as a white-label solution that channel partners host, manage, brand, and price. Turnium’s solution transforms legacy networks enabling new services such as managed hybrid network, hybrid cloud, uCPE, Edge Compute and IoT networks.

For more information, please visit www.turnium.com or follow us on Twitter @turnium.

About Red Hat

Red Hat is the world’s leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.