

DEPLOY NEW SERVICES MORE EFFICIENTLY WITH THE NEXT-GEN CENTRAL OFFICE



Improve customer experiences and lower costs

WWT's NGCO solution enables service providers to increase agility and operational efficiency to improve customer service and reduce costs.

Provide greater flexibility and agility

Software defined networking (SDN), network functions virtualization (NFV) and the imminent arrival of early 5G architectures are driving change in communications service provider (CoSP) networks. The industry is embracing new technologies and techniques that are driving fundamental changes in the way service providers plan, deploy and manage their infrastructure. This transformation occurring at the network edge gives rise to the Next Generation Central Office (NGCO). The NGCO based on Intel architecture provides scale, flexibility and agility to deploy new services while saving costs and protecting infrastructure investments.

A number of technologies and initiatives are helping to define the opportunity for Central Office transformation and associated service deployment. WWT continues to work with Intel, QCT, Red Hat and different virtual network functions (VNF) partners to integrate, validate and optimize their virtualized workloads through seamless NGCO collaboration. The ever-growing list of partners, and their enthusiasm to participate in the NGCO ecosystem, holds great potential in your organization's network transformation journey.

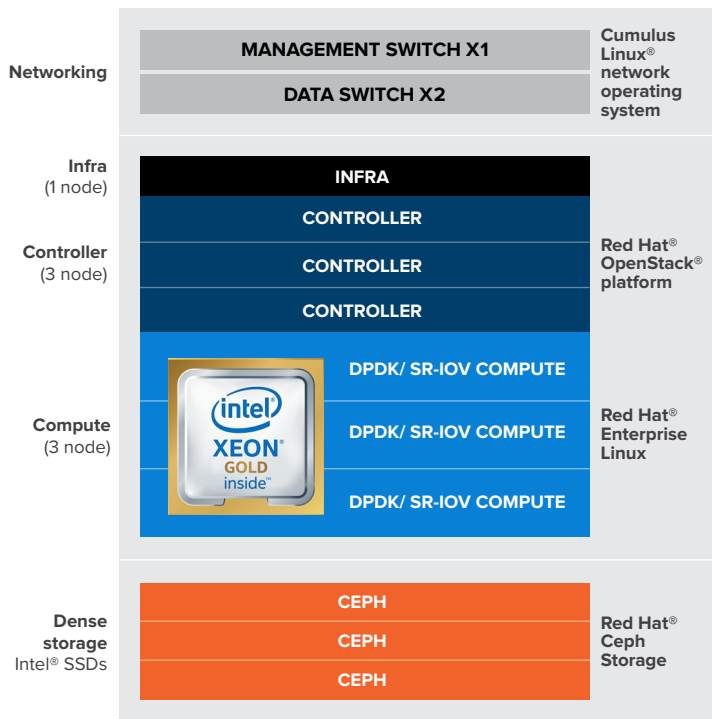
An integrated solution for greater innovation

The WWT NGCO solution is based on an Intel/QCT/Red Hat reference architecture to deliver enterprise services to consumers. The solution builds an enterprise services model for managed or unmanaged services using enterprise vCPE paradigms and includes a disaggregated network fabric powered by Cumulus Network's NOS, Cloudify's open source orchestration platform and Fortinet's Secure SD-WAN.

- **Red Hat OpenStack Platform** provides the scalability and flexibility needed to meet the network needs of telecommunications service providers.
- **Cloudify Orchestrator** enables service providers to connect, control and automate everything end to end, in both old and new network environments.
- **Fortinet FortiGate and FortiManager** enable SD-WAN, WAN optimization and security to transform the network edge.
- **Cumulus Networks** provides networking software to design, run and operate modern data centers that are simple, open, agile, scalable and efficient.

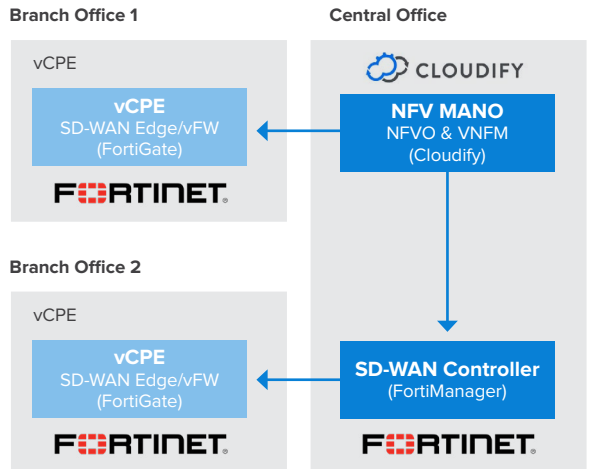
Next Generation Central Office

Intel/QCT/Red Hat rack reference architecture



WWT NGCO Lab

Cloudify open SD-WAN orchestration with Fortinet



vCPE = Virtualized customer premises equipment
 NFV MANO = NFV management and orchestration
 vFW = Virtual firewall
 NFVO = NFV orchestrator
 VNFM = Virtual network functions manager

Delivering outcomes faster

WWT understands the challenges service providers face in testing, validating and deploying new solutions. Service providers can leverage WWT's expertise and [Advanced Technology Center \(ATC\)](#) to collaborate in a lab environment to design, build, test and validate NGCO solutions that speed up deployments and ensure smooth operation. The ATC can significantly accelerate time to revenue by bringing hundreds of technology providers together in a physical environment that can be accessed virtually from anywhere to test and validate NGCO solutions on service provider networks so they are ready to perform as intended in real-world conditions when deployed.

WWT's [Global Integration Centers](#) help customers scale quickly by integrating hardware and software components for direct shipment to numerous locations worldwide.

Start building a more flexible central office today.

Contact a [WWT representative](#) or call 800-432-7008 to learn more about WWT's NGCO Solution today.



About WWT

World Wide Technology (WWT) is a technology solution provider with more than USD 11.2 billion in annual revenue that provides innovative technology and supply chain solutions to large public and private organizations around the globe. While most companies talk about delivering business and technology outcomes, WWT does it. Based in St. Louis, WWT employs more than five thousand people and operates over two million square feet of warehousing, distribution and integration space at our [Global Integration Centers](#) around the world.

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