

# The Agile Virtual Network. Amp It Up.

SOLUTIONS BRIEF

## Virtual Network Services



*Designed. Delivered. Optimized. Together.*

How would you rate your company's success in the battle for customer engagement? Honest now. How do you fare relative to your competitors? Because the competition is fierce. How will you amp up your response?

You need to find ways to become more efficient at accelerating innovation and responding to market changes. To keep up with and get ahead of business demands, you need an agile network that can quickly and easily scale. You need to find time to focus on your core business initiatives. But the complexity of deploying and managing traditional networks makes that very difficult, not to mention expensive. You have to wait weeks or months just to deploy new network devices. To make matters worse, simple configuration changes on that equipment can be overwhelming. A change on one device can affect multiple devices at many of your other sites. That can lead to a growing number of touches on physical devices, which can result in a lot of maintenance and downtime. On top of that, sometimes your own limitations on space, power and personnel make deploying new devices nearly impossible. Leave behind the slow-to-deploy and complex mix of devices and technologies. It's time to move toward a fluid service delivery environment that can easily and quickly evolve to meet business needs. And we can help you get there with Virtual Network Services from Verizon and Cisco. Leave behind the slow-to-deploy and complex mix of devices, technologies and vendors. It's time to move toward a fluid service delivery environment that can easily and quickly evolve to meet business needs. And we can help you get there with Virtual Network Services from Verizon.

## Spin up virtual instances of network services like security and WAN optimization on demand.

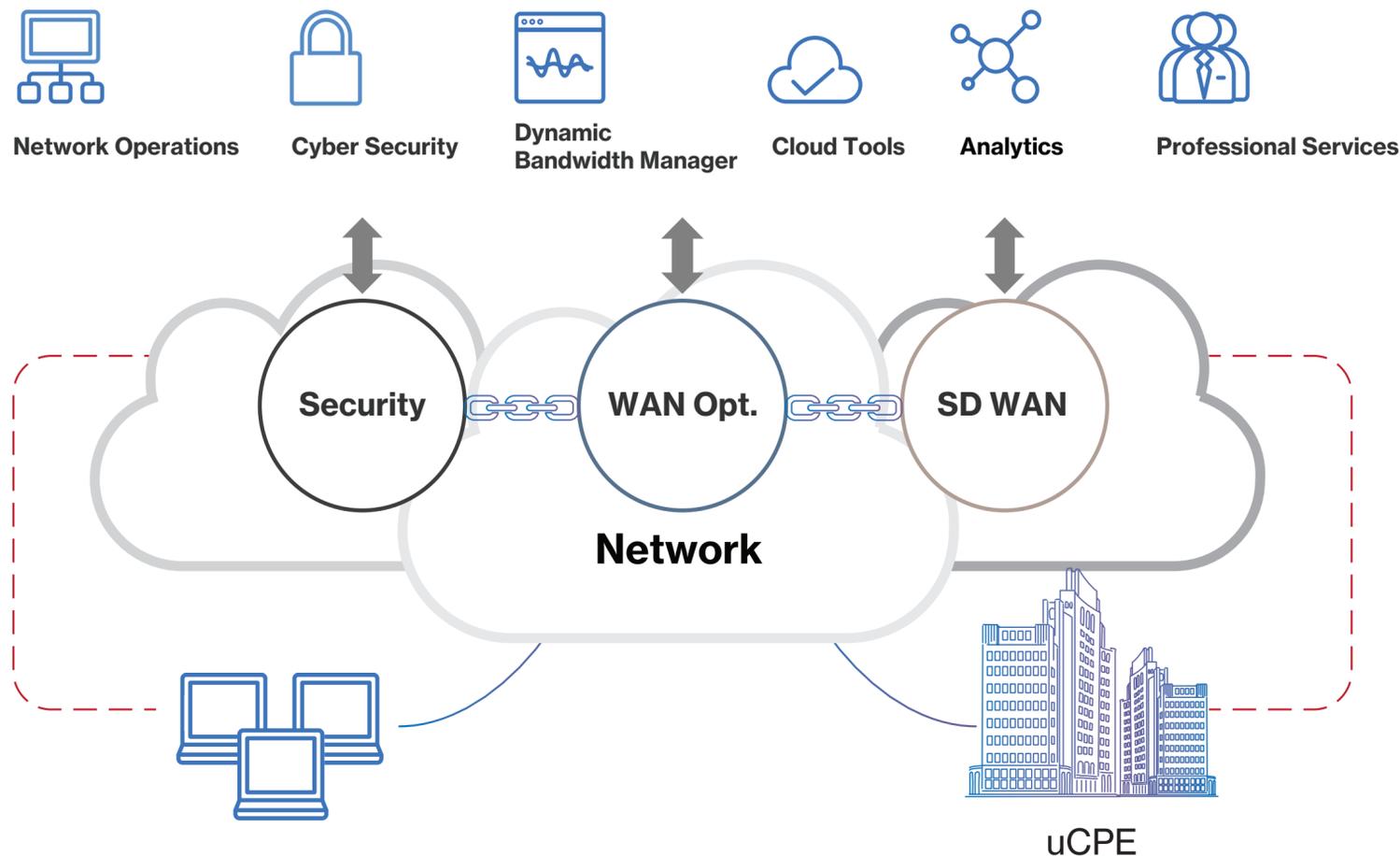
### MAINTAIN YOUR COMPETITIVE EDGE.

As part of our Software Defined Networking product suite, Verizon Virtual Network Services, through virtualized network functions (VNF) provided by Cisco, help you turn your physical network into an on-demand virtual network. Instead of deploying lots of specialized hardware, you can spin up virtual instances of network services like security, SD WAN and WAN Optimization on demand.

The different VNF services you spin up – known as virtual network functions (VNFs) – are all provided on easy-to-deploy universal customer premises equipment (uCPE). A single uCPE supports multiple network functions, giving you plug-and-play service deployment. So, once you have your uCPE up and running, you can add the additional services you need in days, hours or even minutes, instead of waiting weeks or months. The virtual services link together in a way that lets them seamlessly work with each other. This service chaining is made possible by a centrally located orchestration platform that makes it easy to maintain and upgrade the VNFs you choose to use. And you get Verizon's world-class, end-to-end, full-service management to allow you to stay focused on your core business goals.

Virtualizing your network services lets you simplify management and control costs, while increasing your network agility, scalability and responsiveness.

## Managed Services Platform



### Verizon and Cisco are global leaders in networking, hosting and security.

- Deploy services and updates in days, hours or even minutes instead of weeks or months.
- React automatically to spikes in demand with rules-based management.
- Manage total cost of ownership (TCO) with capital expenditure (CapEx) and operational expenditure (OpEx) benefits.
- Decrease risk and difficulties as you test, innovate and evolve new services.
- Control costs by replacing multiple dedicated network appliances with more flexible VNFs on a single premises-based device.
- Create a more intelligent network, with improved routing, easier management and greater flexibility.

### MANAGE YOUR COST WHILE GETTING THE SERVICES YOU NEED.

A move from traditional to virtual networks also lets you control spending. It no longer takes multiple pieces of specialized hardware to scale or respond to new business demands. And since the solution is vendor neutral, you have the freedom to shop from a rich ecosystem of Verizon-approved leading vendors, mixing and matching the best-in-class services that are the right fit for your needs. Also, flexible pricing models with cost-effective flat monthly billing options and a small upfront investment help you better balance CapEx and OpEx spending.

### Mix and match best-in-class network services from a rich ecosystem of leading vendors.

## FREE UP YOUR RESOURCES.

To make it even easier to move to the benefits of a virtual network, we give you world-class, end-to-end managed services. We can help you with everything from your transition to virtual services to your life-cycle management needs. All of that is backed by our global team of more than 1,000 professional services experts and we offer competitive service level agreements (SLAs) supporting our quality services. And while we take care of you and your network, you can focus on what you do best – innovating and moving your business forward.

## Why Verizon

As your one-stop shop for managed virtual network services, we make it easy to get the agility, flexibility and performance you need from your network. You can choose the combination of services you need from the vendors you want. Verizon is recognized as a leader in providing networking, security and cloud solutions that deliver game-changing virtualization initiatives for the modern, hyper-connected world. And with our experience managing over 400,000 security, network and hosting devices, and over 4,000 customer networks in 150+ countries, you can have confidence in our ability to smooth your transition to a virtual network and deliver the end-to-end managed services that will help make your network worry-free.

## Why Cisco

Cisco is a global leader in IT, helping companies seize the opportunities of tomorrow by proving that amazing things can happen when you connect the previously unconnected. Our Intelligent WAN (IWAN) delivers a rich user experience over Multiprotocol Label Switching (MPLS) or Internet. IWAN helps free resources for new, innovative business services. IT may more quickly roll out bandwidth-intensive applications such as video, virtual desktop infrastructure (VDI), and guest Wi-Fi providing a great user experience.

## Learn more.

To find out how to make your network more agile, more scalable and simply better with Virtual Network Services, contact your Verizon or Cisco account representative or visit [www.getsdwan.com](http://www.getsdwan.com)

# Make your net *work.*



verizon

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