

# **DXC next-generation solutions: DXC NextGen Networks VirtualEdge, powered by AT&T FlexWare**

## **Deploy networks to remote locations with the click of a button**

### **Do you need to ...**

- Decrease your deployment times?
- Deploy new or updated work functions with the click of a button?
- Improve agility and DevOps with orchestration and automation?
- Increase your ability to handle API-driven, web-oriented managed services?
- Increase IT innovation, flexibility and responsiveness?
- Improve data security by rapidly updating all devices in your network with the latest security patches?
- Handle variable workloads and new business requirements quickly and efficiently?
- Enforce policy-driven governance in an agile environment?
- Automate IT delivery?
- Manage life-cycle costs?

Imagine an agile network solution that won't drain your capital budget while giving you the ability to deploy network functionality with a click of a button. DXC NextGen Networks VirtualEdge, powered by AT&T FlexWare, revolutionizes the way you deploy networks to remote locations while providing as-a-service network functionality tailored to your requirements.

DXC Technology and AT&T have aligned to help clients improve business agility, reduce costs and complexity, and ensure security and auditability across an end-to-end software-defined network (SDN). DXC and AT&T next-generation technologies are helping clients confidently move to new business models, enabling the transformation to a mobile workforce and IT as a service.

DXC NextGen Networks VirtualEdge is a platform for enabling virtual network functions at remote locations. VirtualEdge operates on a standardized x86 computing platform and provides a network function virtualization (NFV) environment in a single box that enables complex WAN functionality, as well as site-level networking capabilities.

Organizations worldwide are under pressure to reduce data center investments while modernizing applications to support key business initiatives. VirtualEdge provides a solution that enables your network to be as responsive as the business it supports.

Designed and deployed on the AT&T Integrated Cloud platform that leverages SDN and NFV technologies, DXC's VirtualEdge simplifies your network infrastructure while potentially reducing capital investments. Depending on your requirements, you need as few as one VirtualEdge device at each site to run multiple certified virtual functions from several vendors.

### **Next-generation connectivity**

The enterprise network, like compute and storage before it, is virtualizing. VirtualEdge provides the platform to take advantage of the move to SDN and is a trusted source for many industry-leading virtual devices. Unlike many of our competitors, DXC NextGen Networks VirtualEdge does not lock you into yet another single-function device to support future network functions, such as the software-defined WAN (SD-WAN). VirtualEdge delivers the best in flexibility, agility, security and performance, along with the ability to scale up and down to meet changing business demands.

**Would you like to ...**

- Reduce your CAPEX and move to utility-model pricing?
- Speed up deployments so demand-based changes become an overnight activity?
- Create a network infrastructure that supports SDN?
- Optimize and standardize the WAN experience anywhere in the world?

**Imagine if you could ...**

Transform your enterprise using the next wave of networking technologies to manage your infrastructure. With DXC NextGen Networks VirtualEdge, you'll gain significant benefits that will make your business more agile and responsive.

**Other major benefits**

VirtualEdge delivers a simple, flexible and efficient experience for any business.

You can:

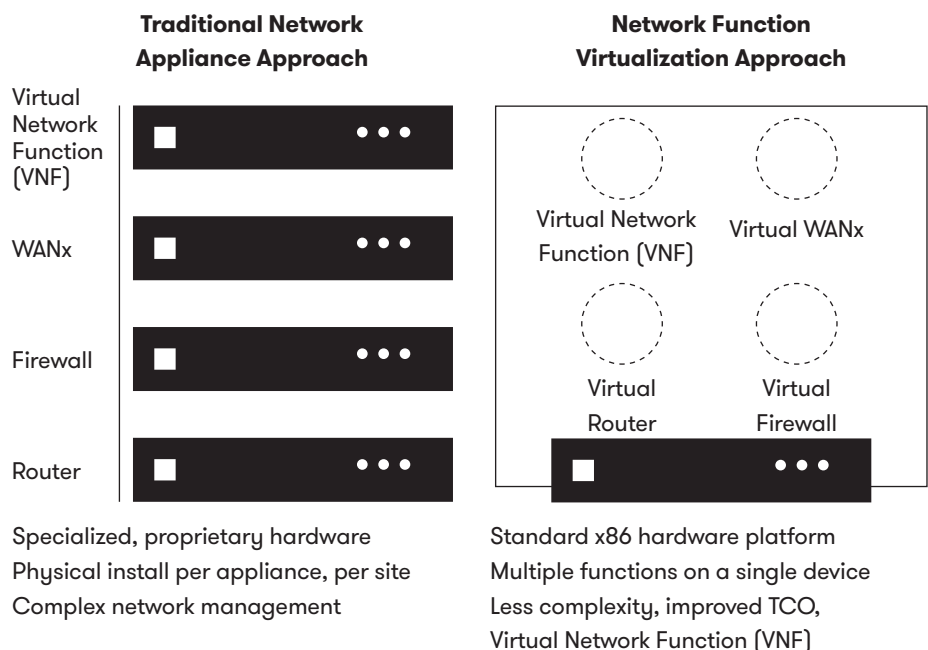
- Quickly deploy VirtualEdge devices from best vendors
- Improve total cost of ownership vs. existing proprietary equipment
- Reduce the complexity of network infrastructure and vendor contracts
- Streamline operations and simplify network management
- Future-proof your investment as your business evolves
- Deploy applications faster — in hours, not weeks; days, not months
- Reduce CAPEX spend by replacing hardware appliances with virtual network functions
- Mix and match applications, features and management options based on changing business needs
- Streamline network deployments
- Decrease break-fix downtime — no hardware to break or replace

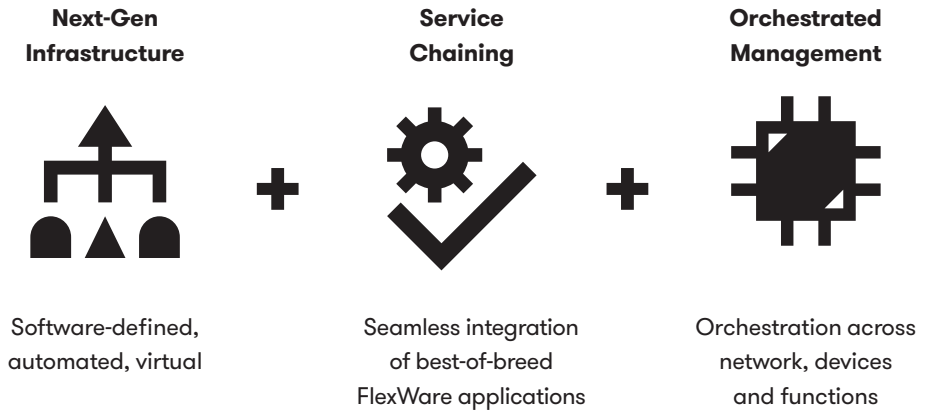
**NFV technology**

Like server and application software in data centers, functions that typically reside in WANs are now also being virtualized. This approach, based on standard NFV technology, is creating significantly faster and simpler ways to deploy and manage network infrastructure. In the future, with industry-standard hardware and a few clicks, you'll be able to deploy routing and other more complex network functions to handle today's rapidly growing volumes of data traffic and dynamically changing IT and business requirements.

NFV is an industry standard that enables you to quickly add network functions to your infrastructure without having to add specialized equipment for each function. NFV separates software functionality from its underlying hardware and instead lets you host those functions on virtual machines (see **Figure 1**).

**Figure 1.** Network Function Virtualization



**Figure 2. VirtualEdge Benefits**


VirtualEdge is modular: You can mix and match VirtualEdge devices and applications and deploy them to your various global locations much quicker than with traditional, single-purpose-built network equipment models. We are providing the benefits of NFV to our customers in the form of VirtualEdge (see **Figure 2** above).

### Virtual devices available

#### **Cisco and Juniper virtual routing.**

Connect your sites with virtual routers from industry leaders and take full advantage of enterprise-grade service, IPv4 and IPv6 support, reporting and monitoring.

**Fortinet virtual security.** Help secure your environment with a virtual security solution that offers best-in-class intrusion prevention, virus protection and web filtering.

#### **Riverbed virtual WAN acceleration.**

Optimize your network with a virtual WAN acceleration solution that enables you to enhance delivery of critical applications, reduces latency, and improves IT control and visibility.

### Other features

Among other key features, VirtualEdge provides:

- **Advanced technology.** VirtualEdge provides a high-availability/low-maintenance WAN solution, software-definition and orchestration-ready networking with RestAPI support. The solution serves as a bridge to SDN, DevOps methods and automation.
- **Speed and efficiency.** Designed for continuous optimization and single-point-of-failure resilience, VirtualEdge enables unprecedented NFV capabilities for extensive redesign of site networking requirements.
- **Increased security.** Your cybersecurity attack profile is reduced by built-in security and automated configuration capabilities.



### **Foundation for next-generation computing**

For enterprises looking to deploy multiple networking functions in a single box at multiple locations, DXC NextGen Networks VirtualEdge, powered by AT&T FlexWare, is an optimal solution. This reliable, secure virtual

approach to network computing lays a strong foundation for pursuing new business initiatives with low up-front investments, and delivers shorter time to value. VirtualEdge revolutionizes the way networks are deployed to remote locations while saving costs.

**Learn more about DXC NextGen Networks VirtualEdge, powered by AT&T FlexWare, at [www.dxc.technology/networks](http://www.dxc.technology/networks)**

#### **About DXC Technology**

DXC Technology (DXC: NYSE) is the world's leading independent, end-to-end IT services company, helping clients harness the power of innovation to thrive on change. Created by the merger of CSC and the Enterprise Services business of Hewlett Packard Enterprise, DXC Technology serves nearly 6,000 private and public sector clients across 70 countries. The company's technology independence, global talent and extensive partner network combine to deliver powerful next-generation IT services and solutions. DXC Technology is recognized among the best corporate citizens globally. For more information, visit [www.dxc.technology](http://www.dxc.technology).