

CIO 10 MOST PROMISING
NETWORKING
 Review SOLUTION PROVIDERS - 2019

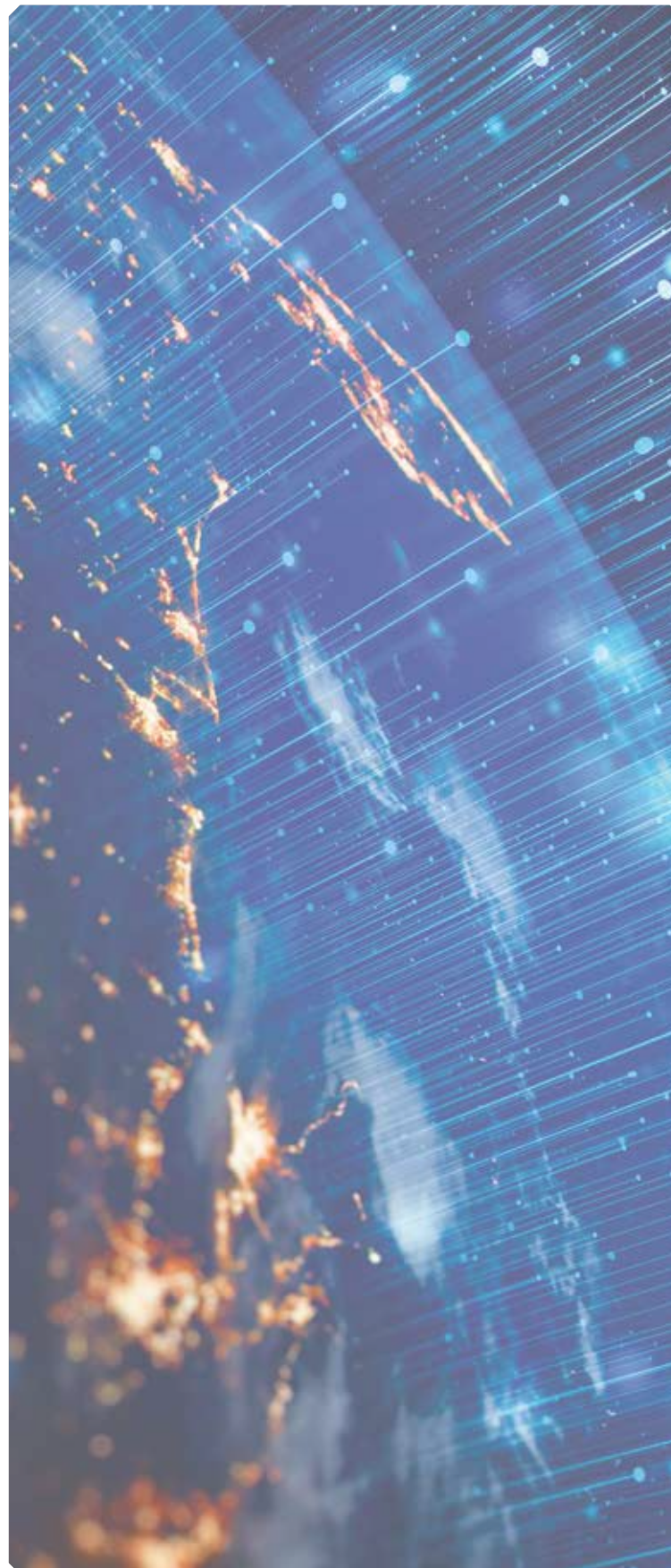
The enterprise networking landscape ebbs and flows each year as new technology enters the market, but 2019 was the year that saw trends like edge computing and SD-WAN start to gain some serious momentum.

We are already entering into the era of 5G. It will enable a host of new applications for enterprises and consumers, including augmented reality, virtual reality, IoT, autonomous vehicles, enhanced mobile broadband and many more. Soon, there will be an explosion in the number of devices. The already dense IT networks are poised to become even more complicated. Traditional automation frameworks will no longer be sufficient, and artificial intelligence and machine learning will pave the way for nextgen automation driving a real end to end digital transformation.

The prime benefits of 5G are faster speeds, lower delay and wireless connectivity for a panoply of connected devices ranging from smart phones, to home security to wearable medical devices. However, it is important to remember that all these carriers have billions of dollars invested in legacy 3G and 4G base, switching and outside plant equipment. The 5G network will not be a greenfield build, but rather an add-on to existing 3G and 4G services for the foreseeable future. This backward compatibility will likely cause some service limitations as the roll-out phases in. Further, because 5G cells are smaller range radios, many more cell sites will need to be built.

An increasing number of network administrators are looking towards Intent based Networking solutions to simplify their day to day operations. Automation of the network through 5G will prove critical to maintaining the sanity and security of the network in the coming few years.

We present to you the "10 Most Promising Networking Solution Providers - 2019."



COMPANY	DESCRIPTION
Acalvio Technologies, Inc. acalvio.com	Leveraging their platform "ShadowPlex", they provide innovative defense solutions in Cloud, AI (Artificial Intelligence) and SDN (Software Defined Networking)
Arcus, Inc. arcus.com	Provides software-powered network transformation for the interconnected world through innovative products- ArcOS, an independent Linux-based network operating system and their Arcus Route Reflector (ArcRR)
Cisco cisco.com	Creates powerful technologies such as Internet Protocol (IP)-based networking , home networking, IP telephony, optical networking, security, storage area networking, and wireless technology
Citrix Systems, Inc citrix.com	Citrix offers innovative and unique solutions for creating digital workspaces, solving challenges related to complex hybrid and multi-cloud networks, and performing in-depth analytics
Entuity entuity.com	Entuity's highly automated, unified, enterprise-class solution puts deep network insight at your fingertips, frees IT staff to focus on strategic projects, and easily integrates with major frameworks and networking environments
IOvations iovations.com	IOvations provides enterprises across the eastern United States with network security, data security, cloud security, and host-based security solutions that are practical and relevant to your business risk profile
Nutanix nutanix.com	The Nutanix enterprise cloud platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence
Rajant Corporation rajant.com	An enabler of secure communications-on-the-move through a real-time, portable technology
Stateless stateless.net	Their revolutionary platform empowers clients to have customized networks on- demand and optimize existing network assets by controlling and connecting to every endpoint
XKL xkl.com	XKL provides reliable and long-lasting enterprise fiber-optic networking systems and high-capacity bandwidth solutions to solve the industry challenges