CIOReview

The Navigator for Enterprise Solutions

20 Most Promising Networking Solution Providers - 2017

According to MarketsandMarkets, the global Software Defined Networking (SDN) market size that was valued at $2.46 Billion in 2016 is expected to reach $54.41 Billion by 2022, at a Compound Annual Growth Rate (CAGR) of 71.4 percent. Network Virtualization (NV) has significantly revolutionized the legacy network landscape by transitioning SDN from niche to mainstream. Latency in enterprise networking due to inflexible and high cost-incurring Multiprotocol Label Switching (MPLS) is being radically reduced by implementing a cloud-hosted network system.

With ubiquitous cloud applications gaining ground in today's enterprises, there is a distinct need for enterprises to operate at cloud speed. The advent of pervasive computing trends—cloud, Software as a Service (SaaS), big data, and IoT—is driving the need for high-performance and low-latency enterprise network resources. With network virtualisation and cloud networking, enterprises are slashing substantial amount of operational expenditure,

accelerating enterprise network agility, improving flexibility, and also fostering innovation all the while complying with network-supervision policies and providing IT team complete visibility and control. On top of that, implementation of artificial intelligence-based techniques and neural networks are enhancing network security and integrating intelligent networking applications in the SDN domain.

In our selection process, we looked at the vendors' capability to provide networking solutions to streamline operations in a faster, less resource consuming manner while keeping costs under control. Our distinguished panel comprising of CEOs, CIOs, VCs, analysts and CIOReview editorial board has selected the 20 Most Promising Networking Solution Providers of 2017 with the ability to develop and offer best-of-breed techniques and solutions to add value to the Networking ecosystem.

We present to you CIOReview's 20 Most Promising Networking Solution Providers - 2017.

Entuity

recognized by CIOReview *magazine as*

20 MOST PROMISING
NETWORKING
SOLUTION PROVIDERS - 2017

An annual listing of 20 companies that are at the forefront of providing networking solutions and impacting the marketplace

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Company:
Entuity

Description:
Provides network analytics to optimize business operations

Key Person:
Stephen Woodard
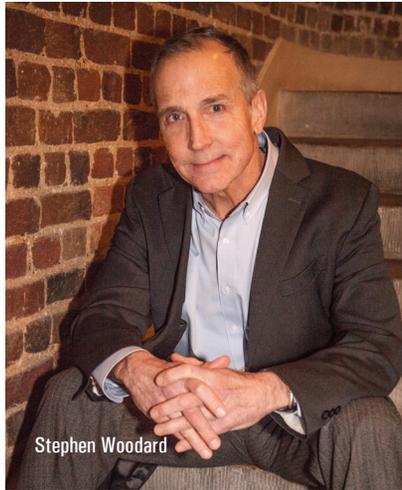President & CEO
Lee Walker,
CTO

Website:
entuity.com

Entuity
Proactive Network Analytics for Uninterrupted Service Delivery

Is my network available and performing well? Can my customers access their services? Am I meeting my compliance requirements? These are just some of the questions that keep CIOs awake at night in the digital transformation. Now at the heart of the business, it is imperative that networks run optimally–otherwise workflows will be disrupted and business performance will suffer.

With its consolidated, single solution for enterprise network management, Entuity provides the digital analytics needed to keep networks performing and visibility into issues before they impact business operations. Agility, deep expertise in network analytics and continual innovation, have positioned the Entuity team as the vendor of choice for the digital transformation.

> ❝ As customers broaden their digital strategies, Entuity's ability to rapidly support vendor interoperability and new devices is a real differentiator ❞

Merging together all core network configuration management into a single product and user interface, Entuity enables improved operational efficiency, accuracy and security of network information through reduced complexity, manual labor and risk of error. An automated, service-centric approach thinks about networks in terms of workflows rather

Stephen Woodard

than technologies. This means Entuity closes the gap between infrastructure and elemental management, so organizations can focus on their network strategy.

To maximize network visualization, Entuity enables clients to integrate the software with industry leaders. "Integrations with BMC, Quest, ServiceNow and Oracle–just to name a few–enable industry standard compliance, change management, and optimization of devices," comments Stephen Woodard, President and CEO of Entuity. "Our customers are broadening their BYOD and IoT strategies, and Entuity's ability to support vendor interoperability and new devices in such a short time is a real differentiator for us."

Providing end-to-end monitoring of network infrastructures, Entuity has seen in many cases that a customer's traffic takes a different path to that originally thought by the network administrator. Such discrepancy is most often caused by unnoticed misconfiguration of devices but with the unrivalled Entuity SurePath network path analytics technology, administrators can proactively check that

the network is doing what is intended. "In almost all of the SurePath trials we've done, the paths taken were not as the customer had expected," says Lee Walker, Entuity CTO. "Paths were often longer or badly routed, and in one case sensitive data was even sent offsite. One customer, who used SurePath to validate their HA/DR configuration, was surprised to see that the network was not switching correctly between primary and secondary paths during a forced failover. SurePath allowed them to quickly assess and correct the issue."

Delivering outstanding performance and scalability to a wide range of global organizations across many industries, Entuity increases efficiency and lowers operational expenses. One such client, an internet service provider (ISP), had been running separate servers for each of their customers before engaging with Entuity. With its multi-tenancy support that distinguishes between different customers using overlapping IP addresses within the same server, Entuity eliminated the need for multiple server deployment and reduced management complexity. As a result, the ISP was able to reduce its spend by 30 percent and cut the number of servers needed from 100 down to just 10.

Striding forward, Entuity continues to innovate and enhance its holistic solution to provide powerful digital analytics for its customers. Machine learning is helping customers detect correlations and anomalies in complex data, whilst CEO Woodard emphasizes the company's plans to build more partnerships that further strengthen and enrich clients' network management capabilities. With an innovative and proven solution backed by its industry-leading support team, Entuity is poised for a bright future. CR