

enterprise networking

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Top 10 Data Center Networking Solution Providers - 2017

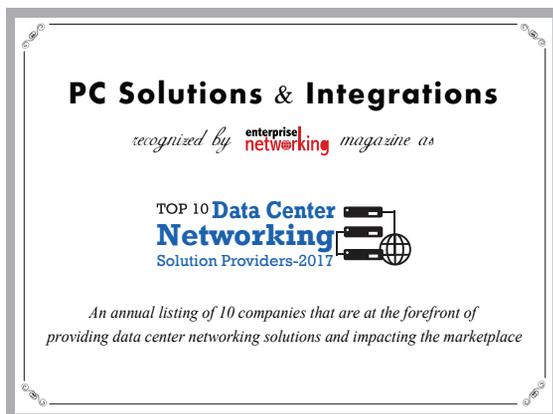
Today, the increasing investment in data centers is causing an upward shift in the expansion of networking and communications. Enterprises need to optimize their data centers that are housing more servers for additional storage to get maximum value from them. Software Defined Networks (SDN), Network Function Virtualization (NFV), and cloud virtualization are some techniques that help businesses optimize their data centers. These enhance application performance by integrating with key APIs, creating vast network environments virtually, and simplifying the management of distributed infrastructure, while also simplifying the administration and boosting transparency across the data center.

Another critical aspect is designing a flexible architecture that empowers business processes by supporting new applications in a short time while enhancing the scalability

of the data center. This has led data center solution providers to build their offerings around innovative architectures to improve agility, network efficiency, and security.

Amid these developments, to help CIOs find the right data center solution provider for their enterprise, a distinguished panel comprising CEOs, CIOs, VCs, analysts and the Enterprise Networking's editorial board has selected top players from hundreds of data center solution providers. In our selection process, we looked at the vendor's capability to fulfill the increasing need for cost-effective and flexible solutions that add value to the complex data center networking landscape. The companies featured in this issue have exhibited extensive business process knowledge, along with integrated and innovative strategies in the data center networking space.

We present to you Enterprise Networking Magazine's Top 10 Data Center Networking Solution Providers 2017.



Company:
PC Solutions &
Integrations

Description:
Enabling customers to capture economic value from the digital transformation of their businesses by developing, implementing, and managing world class IT Infrastructure solutions

Key Person:
David Rudnick
CEO

Website:
pcsusa.net

PC Solutions & Integrations

Ensuring the Reliability of Networks

The year 2016 was marked by big data technology. Processing and data extraction organizations increasingly embrace its efficiency, and it has quickly become the new trend in the industry. As systems supporting large volumes of structured and unstructured data continue to rise, the demand for platforms that aid data custodians govern and secure big data also rises. It is also observed within enterprises that the demand for greater business agility and a cost effective means of achieving it all amount to enormous pressure on all things IT—especially the data center. To solve this paradox, a new approach to the network infrastructure is needed; one that no longer sacrifices speed, security,



David Rudnick

and agility. “As many of the businesses have now come to realize, network virtualization is the silver bullet,” points out David Rudnick, CEO, PC Solutions & Integrations (“PCS”). To that end, PCS assists clients in harnessing innovative technology and simplify the complexities of IT to transform their businesses digitally.

“Our mission is to enable customers to capture economic value from the digital transformation of their businesses by developing, implementing, and managing world class, cloud-ready, secure, agile IT infrastructure

solutions,” avers Rudnick. The firm’s managed services, video solutions, A/V integration, virtualization, and data infrastructure solutions all work toward a common goal. These services help leverage a consultative approach, profound technical expertise, and extensive industry partnerships. Because

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Our Network Consulting provides key insights and analysis to identify the security, performance, and sustainability needs of the network

it is imperative to get the maximum return out of an organization’s network investment, PCS’ Network Optimization Service (“NOS”) audits the existing network deployment and provides optimization recommendations. Additionally, NOS also presents detailed audit reports (such as the leased line circuit costs and billing) to review contracts for inaccuracies. PCS not only brings you the technology we also address financing—Capex, Opex, Grants, leasing, managed services or a financial mix.

The firm’s Network Services (Network Engineering and Design) help enterprises analyze, design, deploy, test, manage, and support the network to make it cost-effective, reliable, and expandable. “Our Network Consulting provides key insights and analysis to identify the security, performance, and sustainability needs of the network and assists with everything from security consulting to IP telephone network assessment to LAN/WAN planning and design,” states Rudnick. By using PCS’ Network Design, organizations can expand their reach and create new opportunities by choosing the right

layout, technology, and hardware.

“Extreme Network’s patent pending Application Analytics—a Network-Powered Application Analytics and Optimization solution transform the network into a Strategic Business Asset by enabling the mining of network-based business events and strategic information

that help business leaders make faster and more effective decisions,” explains Rudnick.

To ensure that their clients have access to a wide range of technologies and best-of-breed solutions, PCS partners with over 250 OEMs and emerging providers to deliver customers integrated, multi-technology solutions. Partnering with VMware, PCS provides VMware NSX; a network virtualization platform for Software-Defined Data Centers, which enables the creation of entire networks via software and embeds them in the hypervisor layer, abstracted from the underlying physical hardware. All network components can be provisioned in minutes, without the need to modify the application.

Going forward, PCS will continue expanding its expertise to efficiently operate its network across multiple business areas and deliver practical solutions for a broader range of users. This approach looks beyond the existing technologies to integrate new features to better assist organizations in securing their environment and channelize the products in the right manner on the networking front. **en**