

THE DOWNLOAD FROM **PICA8** NETWORKING INDUSTRY NEWSLETTER

[Recent economic news coming from the technology industry](#) has highlighted some of the the problems the business economy is currently facing. Traditional growth stories such as **Facebook**, **Google**, **Amazon** and **Tesla** have all announced cutbacks in spending and hiring this year in the face of economic

uncertainty. While the tech sector is no stranger to boom-and-bust growth cycles, the current slowdown and impacts may have increased attention brought on by post-pandemic expectations for a rapid recovery and a desire to 'get back to normal'.



For companies trying to gain or maintain a competitive edge in a tightening economy, open networking tools can be a cost-effective strategy to maximize networking infrastructure investments. Supply chain problems are still far from over in many industries, especially to the chip economy. Software can breath new life into otherwise outdated hardware systems. **Pica8 Networking Software**, with our **buy-once-run-anywhere licensing model**, can be a complete solution for networking to anybody looking for an open-networking alternative to **Cisco**, **Juniper** and the like.



From The Wire

Pica8 Network Platform: Free Download Trial Now Available

Pica8 has made available for download and evaluation the complete **Pica8 Network Platform**, consisting of **AmpCon Network Controller** and **PicOS-V Virtual Switching Software**. PicOS-V Virtual Switch has all the features of our flagship software product, **PicOS**, but packaged as a virtual machine to run on your choice of hypervisor platform. Interested users can have a hands-on demonstration of the automation and deployment features and see first-hand how the Pica8 Network Platform can simplify some common networking tasks to free up manpower and time resources.

Read the complete press release here: [Pica8 Network Platform: Free Download Trial Now Available - Pica8](#)

Cloud-based Solution Provider 2600Hz Chooses Pica8 For Their Data Centers

San Francisco Bay area telecom services provider **2600Hz** recently chose Pica8 to upgrade some outdated **Cumulus Linux** products for their datacenter locations. Cumulus Linux no longer supports **Broadcom** equipped hardware after being acquired by **NVIDIA**. Wanting to maintain their existing **Edgecore** hardware systems, 2600Hz was able to deploy **Pica8 PicOS** onto some of their datacenter sites for a seamless transition of functions, and also discovered some other functional benefits integrating with their own application platform.

Read the complete press release here: [Cloud-based Solution Provider 2600Hz Chooses Pica8 for Their Data Centers - Pica8](#)



PicaNotes

Senior Technical Marketing Manager **Mani Subramanian** has published the complete **Pica8 Network Platform Solution Brief**. This easy-to-read guide can answer questions about the network platform, including common use cases and features. The guide in PDF format can be downloaded here: [Pica8-Solution-Brief-Network-Platform.pdf](#)

PicOS Version 4.0.3 is now available. Features include:

- **EVPN Multihoming**: EVPN multihoming is a replacement mechanism for MLAG in EVPN deployment based on standard protocol (BGP-EVPN). In one customer site, a server can connect to two or more VTEP switches for the redundancy. Additionally, the peer-link between MLAG spines is not needed in EVPN multihoming site. For more details refer to [EVPN Multihoming Configuration Guide](#)
- **New BGP commands**: New BGP commands to configure confederation, dampening, local-preference, fast-external-failover, and prefix limits. For more details refer to [BGP Commands](#).
- **BGP Unnumbered**: With unnumbered BGP, it's not necessary to configure IP address of the BGP neighbor. The IPv6 link local is used to build BGP session from one hop to the next hop. The link local address of the BGP neighbor can be discovered by IPv6 ND (Neighbor Discovery) automatically. For more details refer to [BGP Unnumbered](#).
- **PicOS Telemetry Interface**: gRPC Network Management Interface (gNMI) is a Google Protocol RPC (gRPC) based protocol to manage network devices. The controller or network management system can access to Telemetry Data on the PicOS switch remotely via gRPC gNMI interface to monitor the performance and



status of the switch. The gRPC operations including CapabilityRequest, GetRequest, SetRequest, and SubscribeRequest are supported. The telemetry data including interfaces and LLDP are covered. For more details refer to [Configuring gRPC gNMI interface for streaming telemetry](#).

- **LACP Fast Mode:** Under LACP fast mode, LACP control packets are sent to an LACP enabled port 1 per second instead of 30 seconds under slow LACP mode. For details refer to [Configuring LACP Fast rate](#).

Software Networking Can Hedge Supply Chain Problems



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