



VSS MONITORING BOLSTERS HIGH-PERFORMANCE NETWORK VISIBILITY WITH TWO NEW PLATFORMS ADDING COST-EFFECTIVE 100G AND HIGH DENSITY SYSTEMS

New Flagship vBroker 6000 and vBroker 520 Provide Highest Performance Network Packet Broker Solutions for Chassis- and Fixed-Configuration Systems for 100G Networks

Tucana's partner VSS Monitoring, a leading provider of network packet brokers (NPBs), announced the addition of two groundbreaking products in its vBroker™ Series offering. The new products are the vBroker 6000 and the vBroker 520. At 6-terabit-per-second performance, the VB6000 offers the highest density, most scalable blade-in-chassis NPB solution in the industry. The VB520 supports 100G networks and provides 400Gbps of line rate packet brokering in a fixed-configuration, 2U appliance, making it the most cost-effective and flexible 100G/40G network visibility solution on the market. Both products support the company's Unified Visibility Plane and vMesh Architecture, which optimizes network infrastructure for high performance monitoring in high-speed physical, virtual and software-defined networks.

The VSS Monitoring Unified Visibility Plane, powered by the VSS vMesh Architecture, protects investments in and optimizes the use of network and application performance tools and security systems that are widely deployed by carriers, service providers, cloud operators and large enterprises. This distributed architecture adds the critical missing element to existing data and control plane models driving next-generation high-speed networks, enhancing network visibility by providing a line rate "true copy" of network traffic to passive tools and by supporting dynamic service chains for in-line security systems that are connected to the VSS vMesh.

The VB6000 and VB520 are fully compatible with the vMesh Architecture, ensuring unprecedented network visibility, scale capacity, and traffic optimization. Adding high-density chassis and 100G appliances to the Unified Visibility Plane enables operators, security analysts and network engineers to access and see everything in a local network or high-speed wide area network. The VSS vMesh Architecture enables the VB6000 and VB520 to interconnect with other vBroker systems and with other systems as well, including the vProtector Series, Distributed Series, and Finder Series models, in a high performance, auto discovering, and self configuring visibility network: the Unified Visibility Plane.

"With even the fastest network and security monitoring and management tools unable to function at much more than 20 Gbps, there is a critical need for network packet brokers capable of grooming 40 and 100 Gbps traffic," said Jim Frey, vice president of research at Enterprise Management Associates. "These two new additions to the VSS Monitoring product lineup provide a growth path for those already embracing the VSS Monitoring solution as well as a viable alternative for those organizations that are simply looking for alternatives to better accommodate high speed networks."

"The new flagship VB6000 and VB520 products from VSS Monitoring each support large scale aggregation and processing of high-speed network traffic from many diverse network segments. This is critical in order to 'feed' existing performance, application and security monitoring tools that simply can't ingest traffic from 40G/100G links," said Lee Doyle, Doyle Research.



About the VB6000

The new flagship product from VSS Monitoring, the VB6000 serves as the monitoring backbone for large-scale network infrastructure in service provider and private cloud networks and in large enterprise datacenters. The VB6000 delivers the industry's highest density and most scalable blade-in-chassis NPB solution, supporting up to 6Tbps of throughput and up to 600 ports that can be configured to effectively monitor any combination of 1G to 100G networks. This includes speed conversion, filtering and flow balancing.

This combination of high density, scalability and flexibility will help large enterprises, service providers, cloud operators and carriers to migrate to 100G and 40G networks by enabling monitoring and security policies to be maintained by existing 10G/1G tools.

Key features and capabilities of the VB6000 include:

- Aggregation of feeds from distributed NPBs or TAPs, and pre-process and distribute these feeds to network and application performance monitoring tools and intrusion detection systems at line rate.
- Packet pre-processing that copies filters and spreads 100G and 40G traffic flows across multiple 10G/1G network tools for investment protection and uninterrupted monitoring coverage.
- Up to 600 ports supporting distributions of 100G, 40G, 10G, 1G link speeds.
- Up to 10 blades in a compact 15RU chassis.
- Up to 600Gbps per blade
- Up to 6Tbps traffic throughput per chassis

About the VB520

As a complement to the VB6000, the VB520 provides a compact, high-performance NPB solution for 100G networks. The VB520 supports 100G and 400 Gbps of throughput in just 2U of rack space. Featuring 16 I/O ports that support two 100G links, two 40G links and twelve 10G/1G links, the VB520 is ideal for environments where network traffic from a 100G or 40G link must be distributed to multiple 10G/1G monitoring tools, especially in a video monitoring deployment.



The VB520's size and flexibility enable it to also serve as an aggregator for large scale solutions where network traffic is offloaded or backhauled to a VSS Monitoring VB 420 or VB6000 for preprocessing and then distributed to existing monitoring tools.

The VB520 is ideal for both single- and multi-tier architectures used in service provider, private cloud and large enterprise environments. In single-tier architectures, the VB520 can aggregate, filter and load-balance full-duplex 100G links across multiple 10G and 1G network tools. For added flexibility, its remaining 40G ports can be used as backbone links connecting additional vBroker NPBs as part of the highly reliable and scalable vMesh™ architecture.

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Tucana Telecom is a value added distributor of test, measurement and access solutions, for advanced protocol analysis and network management, in (mobile) telecommunications networks. Tucana Telecom offers indispensable support to operators and telecom OEMs, during the development phase of new products and services and during installation and management/ maintenance of the network. The staff is specialised in WiFi, WiMAX, LTE, UMTS, GPRS, GSM, SS7, V5.x, ISDN, VoIP, SDH/Sonet. The enhanced service program comprises consulting, all-in maintenance contracts, hands-on training sessions and helpdesk. The company has offices in Belgium, France, Germany and The Netherlands.

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