



## VSS Monitoring Introduces Conditional Packet Slicing for Distributed Traffic Capture Systems™ in Network Monitoring

**Antwerp / Breda / Le Vésinet –February 15, 2010**—Tucana’s partner VSS Monitoring, Inc. today introduced vSlice™, the world’s most precise packet slicing technology in traffic capture systems used for network monitoring. vSlice gives enterprises a powerful new tool to boost the efficiency of network monitoring and to comply with regulations mandating data security and privacy.

Packet slicing is a traffic grooming technique that lets users define and discard part of a packet from the copied traffic destined for monitoring tools, thereby increasing capture rates, processing and write speeds on monitoring tools.

vSlice extends the capability of traditional packet slicing manyfold by allowing users to set slicing points at different offsets for each packet as well as to specify the types of traffic to be sliced, capabilities heretofore possible only at the monitoring or analysis tool.

Remove outer VLAN tag on monitor output

Each row represents a mapping of a filter condition to one-or-more network port inputs.  
To add a new mapping row, click the "+Add" button below.  
To remove a mapping row, click the "Delete" button on the desired row.

Expression	Network Port Input		Settings (Slice point and offset)
RTP	<input checked="" type="checkbox"/> 1A <input checked="" type="checkbox"/> 1B <input checked="" type="checkbox"/> 2A <input checked="" type="checkbox"/> 2B <input type="checkbox"/> 3A <input type="checkbox"/> 3B <input type="checkbox"/> 4A <input type="checkbox"/> 4B <input type="checkbox"/> 5A <input type="checkbox"/> 5B <input type="checkbox"/> 6A <input type="checkbox"/> 6B <input type="checkbox"/> 7A <input type="checkbox"/> 7B <input type="checkbox"/> 8A <input type="checkbox"/> 8B	<input type="checkbox"/> All	Choose slice point <input type="text" value="0"/> Choose slice point Start of packet + offset End of IP header + offset End of TCP/UDP header + offset <input type="text" value="0"/> <input type="button" value="Delete"/>
RTCP	<input checked="" type="checkbox"/> 1A <input checked="" type="checkbox"/> 1B <input checked="" type="checkbox"/> 2A <input checked="" type="checkbox"/> 2B <input checked="" type="checkbox"/> 3A <input checked="" type="checkbox"/> 3B <input checked="" type="checkbox"/> 4A <input checked="" type="checkbox"/> 4B <input checked="" type="checkbox"/> 5A <input checked="" type="checkbox"/> 5B <input checked="" type="checkbox"/> 6A <input checked="" type="checkbox"/> 6B <input checked="" type="checkbox"/> 7A <input checked="" type="checkbox"/> 7B <input checked="" type="checkbox"/> 8A <input checked="" type="checkbox"/> 8B	<input checked="" type="checkbox"/> All	<input type="text" value="0"/> <input type="button" value="Delete"/>
HTTP	<input checked="" type="checkbox"/> 1A <input checked="" type="checkbox"/> 1B <input checked="" type="checkbox"/> 2A <input checked="" type="checkbox"/> 2B <input type="checkbox"/> 3A <input type="checkbox"/> 3B <input type="checkbox"/> 4A <input type="checkbox"/> 4B <input type="checkbox"/> 5A <input type="checkbox"/> 5B <input type="checkbox"/> 6A <input type="checkbox"/> 6B <input type="checkbox"/> 7A <input type="checkbox"/> 7B <input type="checkbox"/> 8A <input checked="" type="checkbox"/> 8B	<input type="checkbox"/> All	<input type="text" value="0"/> <input type="button" value="Delete"/>
(Unfiltered)	<input type="checkbox"/> 1A <input type="checkbox"/> 1B <input type="checkbox"/> 2A <input type="checkbox"/> 2B <input type="checkbox"/> 3A <input type="checkbox"/> 3B <input type="checkbox"/> 4A <input type="checkbox"/> 4B <input type="checkbox"/> 5A <input type="checkbox"/> 5B <input type="checkbox"/> 6A <input type="checkbox"/> 6B <input type="checkbox"/> 7A <input type="checkbox"/> 7B <input type="checkbox"/> 8A <input type="checkbox"/> 8B	<input type="checkbox"/> All	<input type="text" value="0"/> <input type="button" value="Delete"/>

vSlice also enables packet slicing to occur closer to the point of capture, instead of at a limited and specialized number of monitoring tools. As a result, vSlice can decrease all traffic sent to network monitoring devices, thus increasing their efficiency. vSlice also increases the throughput of the distributed traffic capture process itself by reducing load on the filters in distributed traffic capture devices and network taps.

In addition, by providing a more granular control over each packet, vSlice allows organizations to remove user identifying information earlier, thus reducing the risk and severity of a privacy breach.

"Monitoring equipment suffers substantial challenges in keeping up with the load on today's network infrastructures. This leaves many analyzers unable to process and store the relevant data to disk," said VSS Monitoring CEO Terence Breslin. "Our vSlice technology is a significant step forward in extending the scalability of monitoring equipment and reducing the risk of a data breach. As we move into an era of higher network speeds and increased security regulations, vSlice is an essential complement to VSS Monitoring's traffic capture system, reducing the monitoring load and optimizing the analytics layer above."

vSlice is the industry's most flexible packet slicing technology, part of VSS' innovative Packet Optimization™ functionality suite. Users can specify one or more traffic types to be sliced, including HTTP and the VoIP protocols RTP and RTCP.

Available at 10/100, Gigabit, and 10 GigE speeds, and on copper as well as fiber media, vSlice can be applied on multiple ports of a traffic capture device, independent of other settings such as port mapping. As part of VSS Monitoring's Distributed Traffic Capture System™ family, vSlice is available on a range of VSS Distributed Traffic Capture devices, from one device to a fully redundant fault-tolerant system. It is manageable remotely and locally via a graphical user interface as well as a command line interface.

vSlice is available immediately. For more information, please send an email to [info@tucana.com](mailto:info@tucana.com)

[VSS Monitoring, Inc.](http://www.tucana.com) is the leader in network traffic capture, with the world's largest family and most feature-rich traffic capture devices allowing IT professionals to see into the farthest reaches of even the largest networks, preventing problems from reaching end users, and greatly reducing the time to achieve a return on investment for network monitoring and security tools. VSS's innovative Distributed Traffic Capture Systems herald a new architecture of network monitoring, one which fundamentally improves its capability and price-performance. The company is headquartered in Burlingame, Calif.

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More information:

Ramon Mutsaers  
Tel: +31 76 5794 115  
[ramon.mutsaers@tucana.com](mailto:ramon.mutsaers@tucana.com)



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.

**Belgium** – Tucana Telecom NV – Miraeusstraat 10 – B2018 Antwerp – Tel: +32 3 237 6326 - Fax +32 3 216 1587  
**France** – Tucana Telecom SAs – 129/137 Boulevard Carnot – 78110 Le Vésinet – Tel: +33 1 3009 2090 - Fax +33 1 3009 1061  
**Germany** – Tucana Telecom GmbH – c/o Keller-Menz Rindermarkt 3+4 – D80331 Munich – Tel: +49 89 540 30 969 - Fax +49 89 540 30 959  
**The Netherlands** – Tucana Telecom BV – Minervum 7446K – 4817 ZG Breda – Tel: +31 76 5794111 - Fax +31 76 5811619

[info@tucana.com](mailto:info@tucana.com)  
[www.tucana.com](http://www.tucana.com)