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FOR IMMEDIATE RELEASE



CACE Technologies Releases Pilot v1.1 Upgrade
New Version Features more Views, Performance and Search Capability Enhancements

Davis, California, July 24, 2008 – [CACE](#) Technologies, Inc., developer of tools to enhance the [Wireshark](#) user experience, today announced the release of the first major update to their popular [Pilot](#) visualization, charting, reporting, and drill-down tool. Pilot v1.1 includes several significant new features, including new Views for VLAN (802.1Q) traffic, new search capabilities that match and highlight packet elements of interest for easy drill down exploration, a new Scatter Plot Chart, and performance improvements that make large file investigative exercises easier.

Complementing Wireshark's prodigious dissecting and display filtering capabilities, Pilot offers a fluid and simple user interface designed to maximize network analysis and troubleshooting efficiency and minimize time to problem discovery and resolution.

Loris Degioanni, chief Pilot developer and CTO for CACE states, "Taking suggestions from our early Pilot adopters, we have made a concerted effort to incorporate their requested enhancements into this release. Since shipping Pilot v1.0 just over 90 days ago, we have made performance increases that will make large files easier to work with, make the discovery of matching elements in packets faster, and created additional View that are important to our users. For example, one Pilot customer needed support for VLAN tagging and reporting. He sent us a packet trace and by the next day we had created 6 new Views for 802.1Q traffic that are shipping with this new release."

The addition of custom Views in Pilot is one of the hallmarks of the tool. Pilot's engine technology allows CACE engineers to quickly build custom filters or "Views", as they are known in Pilot. Views are the primary analysis and visualization paradigms in the program. Applying a View to a live or saved traffic source triggers the underlying Pilot engine to process the packets and display the results in a broad range of user-determined ways, including strip charts, peer tables, and more.

What's New in Pilot v1.1

Enhanced Search Capability. Easily find elements inside a Chart, the current View or all open Views. Matching elements are highlighted and ready for drill-down or send-to-Wireshark operations.

A **Scatter Plot Chart** has been added.

Support for analyzing VLAN (802.1Q) traffic.

Performance Improvements. Pilot now loads faster, is more responsive, and takes less time to visualize packet sources containing many IP addresses or ports.

New Views added:

- **Generic\Capture Summary:** concise summary of the traffic in a source
- **LAN and WLAN\VLAN\Top VLANs:** top VLANs sorted by the amount of traffic that each of them carries
- **LAN and WLAN\VLAN\Top VLAN Priorities:** VLAN traffic sorted by the amount of traffic that is transmitted at each priority
- **LAN and WLAN\VLAN\Network Protocol Distribution by VLAN:** amount of IP/IPv6/ARP traffic that each VLAN is carrying
- **LAN and WLAN\VLAN\VLAN ID and Priority Details:** VLAN traffic displayed by Priority and VLAN ID
- **LAN and WLAN\VLAN\Bandwidth Over Time by VLAN:** bits, bytes and packets per second for each of the VLANs
- **LAN and WLAN\VLAN\Bandwidth Over Time by VLAN Priority:** bits, bytes and packets per second for each of the VLAN priorities
- **802.11\Over Time\Channel Usage vs. Time:** estimated real usage of the different 802.11 channels, charted over time
- **802.11\Scatter Plots\Transmitters:** comparative analysis of the wireless transmitters
- **802.11\Scatter Plots\Channels:** comparative analysis of the wireless channels
- **802.11\Scatter Plots\Channel Usage:** estimated real usage of the different 802.11 channels charted against the number of bytes transmitted on the channels
- **Transport\TCP\Resets Over Time:** analysis of the TCP resets
- **Transport\TCP\Window Size Over Time:** analysis of the TCP window size and TCP window depletion for each IP host

Upgrading from Pilot v1.0 to Pilot v1.1

Pilot v1.0 owners will receive a link for the new version automatically as a benefit of the update subscription service that accompanies every Pilot purchase.

Pilot Training

Laura Chappell's Wireshark University has recently added Pilot Training to their Bootcamp series. Visit www.wiresharktraining.com for more information. Pilot webinars are also slated to begin in the next 30 days. For more information on webinar registration and schedule, please contact sales@cacetech.com. A collection of feature-based, 5-minute videos that describe and explain the Pilot interface and basic navigation techniques can be accessed at www.cacetech.com/products/.

Pilot Pricing and Availability

Pilot starts at \$1,295 USD and includes an update subscription with every purchase. Pilot can be purchased from www.cacetech.com/products/catalog or from one of our International Reseller Partners. Please contact sales@cacetech.com for a partner referral in your part of the world.

About CACE Technologies

CACE Technologies is an innovative group of product designers and engineers specialized in networking solutions that enhance the Wireshark experience. Experts in Windows and Linux device driver and network monitoring tools development, CACE's core engineering team includes the creators of Wireshark and WinPcap, premier open-source tools for packet capture and protocol analysis. For information on our tools and services, visit www.cacetech.com.

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