High Performance Deep Packet Capture & Storage

SIRIUS

Capture anything.
Capture everything.™

Testimonial

By John G. McLaren
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Following the successful deployment, within BT Netec, of Aggregated Network Taps for Fast Ethernet solutions, **John McLaren** (**BT Netec Services Edinburgh ETC**) indicated to Moesarc Technology UK that there was a requirement for a 1G and 10 G Aggregated Line speed analysis package.

The request could not have come at a better time since ComWorth Europe released the SwiftWing SIRIUS Line Rate Capture systems, following its successful acceptance in the Asian financial and IT markets for reporting and troubleshooting new challenges both in monitoring the physical network and application performance.

With the advent of IPTV and IP telephony, quality of service (QoS) mechanisms are increasingly important.

BT Netec was investigating the traditional analytical solutions and understood SIRIUS LCS addressed the needs of the business, having the following features.

Strong platform to cope with the constant transportation to customer sites within UK; SwiftWing SIRIUS Portable provides a convenient way for on-site packet capture and real-time monitoring of Ethernet traffic, being supplied in a ruggedised Portable assembly and transport case.

Offering total flexibility of Electrical or Optical installations; SIRIUS is equipped with multiple High Speed SFP interfaces (see product data sheet for details) allowing flexible select-ability to cater for customer needs.

Able to record to disk the entire traffic on GigaBit links; SIRIUS incorporates purpose designed adaptive boards that enable Line Rate Capture **up to 40Gbps** (depending on model), capable of storing network traffic, regardless of packet sizes, at a continuous data rate of 20Gbps with a storage capacity up of 16TB on the Portables. Thus, SwiftWing SIRIUS ensures that no packets loss when subjected to demanding and intensive network conditions.

Deep Packet Capture being a critical requirement for BT Netec, to filter on selected frames or applications yet record the entire network traffic.

SwiftWing SIRIUS LCS supports advance filter conditions to process and filter the network traffic. Via the GUI it provides an intuitive interface to configure up to 4 filter sets to the same traffic source, offers SIRIUS a lot of built-in predefined filters to allow quick and accurate creation of filters and also has a custom expression builder for more complex and custom requirements.

John McLaren indicated the SwiftWing SIRIUS solution offered impressive performance, responsive support by SwiftWing Technical staff (during the evaluation process) **and exceptional value.**

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