

# High Performance Deep Packet Capture & Storage

## SIRIUS

Capture anything.  
Capture everything.™

## Case Study

Profile of customer: **Financial Trading**  
Product in use: **19" 3U SwiftWing Sirius**  
Customer purpose of use: **Latency Analysis**

### How does SwiftWing SIRIUS benefit Financial Trading?

#### Requirements

- capturing data during trading hours, e.g., from 7:00 AM to 5:00PM
- postprocessing of the captured data & create specific report / statistics
- compressing & archiving the daily file for future purposes

#### Solutions

- Sirius's are connected to main links by Breakout TAPs and create one big capture file per link per day. No filtering is used. Packet Capture Timing is synced to common enterprise time source.
- After capture hours the Sirius platforms are automated for postprocessing the captured data by client's own tools and statistic reports are created and send to a center place for further use.
- Once those jobs are completed, the daily capture file(s) will be compressed. These file(s) are being pushed to 3rd party storage via the Network for archive.
- Sirius then returns and waits for next days automated capture session.

#### Contact Information:

**ComWorth Co., Ltd.**  
2-35-7, Nishi Magome  
Ohta-ku, Tokyo,  
143-0026, Japan  
Tel: +81 3 3777 0888  
Fax: +81 3 3772 8497  
info2@comworth.co.jp

**ComWorth Solutions Pte. Ltd**  
Blk 10, Ubi Cresnet #05-36  
Ubi Techpark (Lobby C)  
Singapore 408564  
Tel: +65 6748 2260  
Fax: +65 6748 2267  
info@comworth.com.sg

**ComWorth Europe GmbH**  
Gutenbergstrasse 5  
D-65830 Krieffel  
Germany  
Tel +49 (0) 6192 922 4227  
Fax +49 (0) 6192 922 4228  
contact@comworth.eu  
[www.comworth.eu](http://www.comworth.eu)

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#### Results

- Automated and scheduled capture and archive ability.
- Well proven 20 Gbps line-rate capture performance.
- High and flexible storage capacity.
- Compatible with client's tools on SIRIUS platform.

#### Block Diagram (simplified)

