



## Case Study

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

### How does SwiftWing SIRIUS benefit Financial Trading?

#### Requirement

- Multiple capturing of data during trading hours, e.g., from 7:00 AM to 5:00PM.
- Post processing of captured data and create specific reports / statistics.
- Compressing and archiving the daily file(s) for future purposes.

#### Solution

- Sirius systems are connected to main links by Breakout TAPs and create one capture file per link per day. No filtering is in use. Packet Capture Timing is synchronized to common enterprise time source.
- After capturing for hours Sirius platforms are automated for post processing capture data by client's own tools. Multiple statistic reports are created and send to management control.
- Once those jobs are completed, the capture file(s) will be compressed and archived; then pushed to 3rd party storage via Network.
- After Sirius returns and waits for next day scheduled and 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

81 Ubi Avenue 4,  
#06-02 UB.One,  
Singapore 408830  
Tel 1: +65 6748 2260  
Tel 2: +65 6909 5198  
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.swiftwing.net**

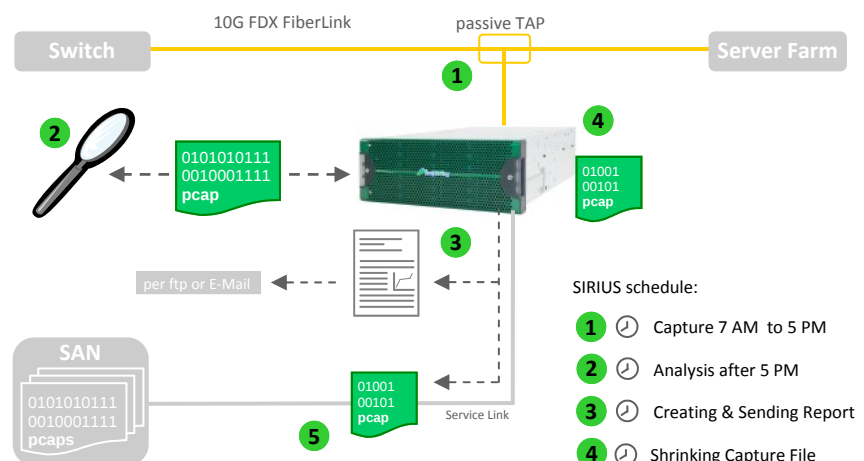
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#### Result

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

#### Block Diagram



#### SIRIUS schedule:

- 1 ⌚ Capture 7 AM to 5 PM
- 2 ⌚ Analysis after 5 PM
- 3 ⌚ Creating & Sending Report
- 4 ⌚ Shrinking Capture File
- 5 ⌚ Capture File Transfer

zzz SIRIUS is waiting again for 7 AM