SwiftWing SIRIUS

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.

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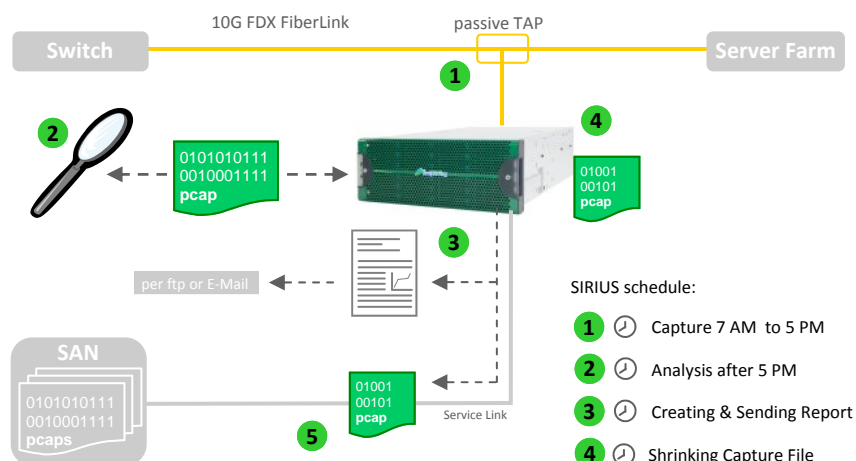Fax +49 (0) 6192 922 4228
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Result

- 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