High Performance Deep Packet Capture & Storage



CaseStudy

Profile of customer: Carrier/Provider
Product in use: multiple SwiftWing Sirius
Customer purpose of use: Post Analysis/Forensic

How does SwiftWing SIRIUS benefit carrier demands?

Requirements

- Distributed, multiple captures at different locations by several engineers
- Different level of security access, capture functions, and download captured data
- Compliance with security requirements
- Access and handles the captured data remotely

Solutions

- SIRIUS located at several location in the corporate network
 Packet Capture Timing is synced to common enterprise's time source
- Access SIRIUS at different security level and perform the tasks via SIRIUS RESTful API
- Performs packet slicing or payload cut off function in post processing
- SIRIUS offers different levels of access individual engineers can start / stop the capture, perform file handling remotely (delete, lock, download, merge, split, etc.)

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Results

- Multiple users. Provides accurate packet capture timing
- Secure access via internetwork by RESTful API
- Compliance with corporate's security requirements
- Obtained quality captured data remotely

Block Diagram (simplified)

