ComWorth

SwiftWing

SwiftWing
Sirius NDR

Capture anything.
Capture everything.

Ultra High-Performance 10M to 100G deep packet capture and storage solution

Designed to meet today's demand for high speed and high quality ethernet based packet recording on IP networks.

The maximum storage performance is measured up to 200Gbps for the consideration of multiple network streams to be recorded.
Total flexibility on recording configuration with multiple media rates support, multiple capture adapters attachment.
SwiftWing Sirius NDR now supports 10M / 100M / 1G / 10G / 25G / 40G / 100G ethernet.

Rich functionality that compliment user's demand for network record, storage and analysis.

SwiftWing SIRIUS Benefits

Works seamlessly with industry leading network monitoring and analytic solutions.

Captures and stores data in standard PCAP and nanoseconds PCAP format which can be conveniently used by all other network monitoring, analysis tools and applications available in the market today.

Ease-of-use to perform targeted tasks and selections
- Intuitive graphical user interface for complete controls and flexible system configurations.
- Robust and flexible hardware filtering function to both the packet header and payload during the capture process with no impact to the capture performance.

Scalable Solutions
- Complete range of products – from rack-mounted to portable systems.
- Customizable storage configurations.

*Data capture performance increases along with the network interface card speed.

The Sirius NDR Portable is the perfect mobile solution for on-demand packet capture, with 10M/100M/1G/10G/25G/40G/100G interfaces, capable of 100Gbps line-rate capture performance. (Portable L)

Available with a storage capacity up to massive 200Terabyte.

The Sirius NDR Portable Mini is a ultracompact, most portable system with 10M/100M/1G/10G Interfaces, ensuring at up to 7Gbps accurate line-rate capture & storage.

Storage capacity starts at 2.5Terabyte.

SIRIUS Portable

SIRIUS Portable Mini

SwiftWing
Sirius NDR

19" Stationary Appliances

The SwiftWing NDR Sirius stationary appliances for most demanding tasks at Enterprise or Datacenter level supports maximum of 200Gbps storage performance.

This is a line of 19" systems, scalable by speed (10M/100M/1G/10G/25G/40G/100G) and storage capacity up to massive 12Petabyte.

Key Features

- Intuitive and easy-to-use interface across all desktops & mobile devices. (Figure. 1)
- One Sirius can capture four different traffic simultaneously. (Maximum of 4 channels) (Figure. 4)
- Support long term Real-time Packet Replay. Captured data can be replayed according to the time stamp of the PCAP file.
- Hardware filter engine allows pass-through of specific network traffic. (Figure. 6)
- Easy to use and intuitive software filtering allows fast extraction of target packets. (Figure. 7)
- Support 10/100M/1G/10G/25G/40G/100G Ethernet. Maximum of storage performance is over 200Gpbs.
- RESTful API for remote access to stored data, pcap files and statistics. Enables integration with 3rd party appliances and custom scripts
- Powerful capture configuration that supports packet slicing, file rotation and data protection mechanism
- Real-time and historical packet statistics and graph displays
- Sirius NDR produces list of PCAP files chronologically on system drives. Therefore, the PCAP can be served as data source for analytical tools via hypervisor or built-in Wireshark. (Figure. 2,3)
- Built-in packet decode display allows viewing of packet data directly on the GUI
- Support SNMP traps, remote syslog, internal application log for alerts and security logging
- Microseconds statistics allow in-depth microburst analysis

“PCAP to DISK”

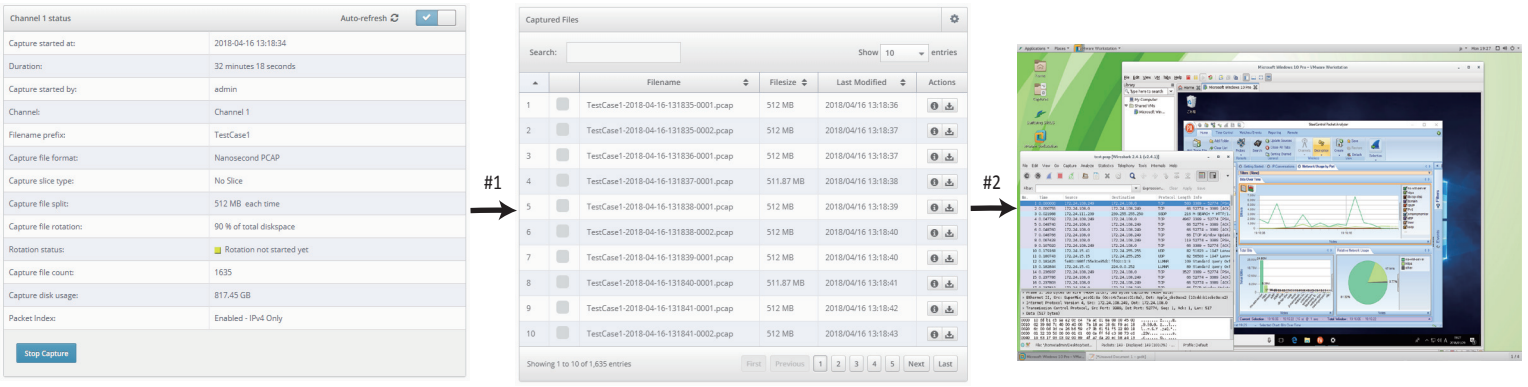


Figure. 1 Figure. 2 Figure. 3

#1 : Capturing
#2 : Analysing

Multi channel (1, 2, 4 channels)

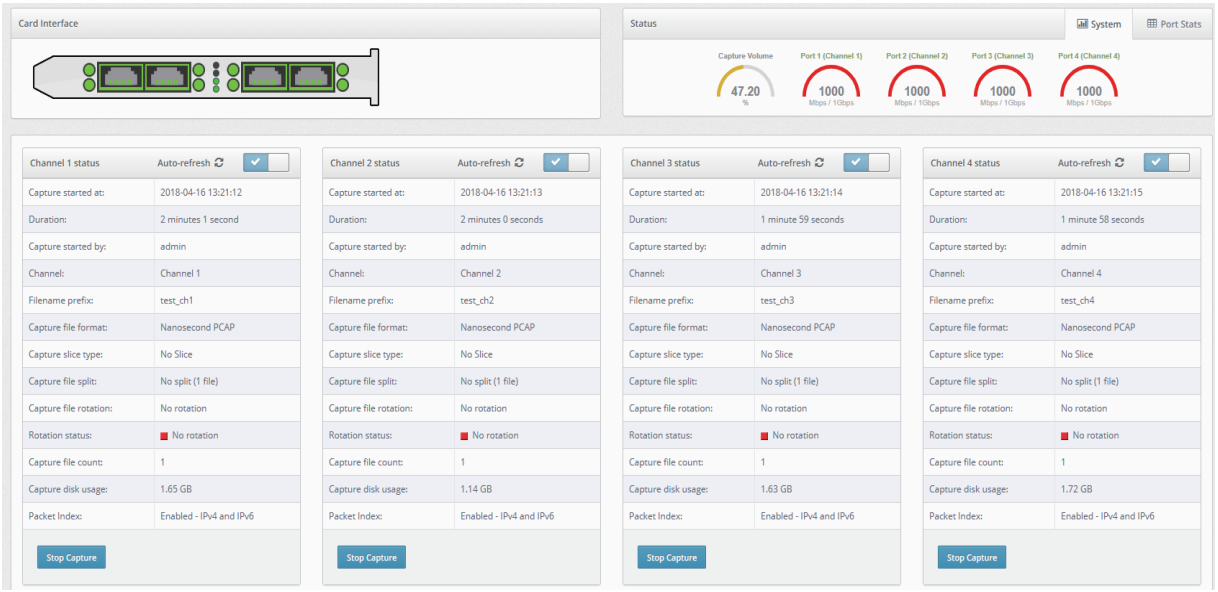


Figure. 4 4 channel capture control

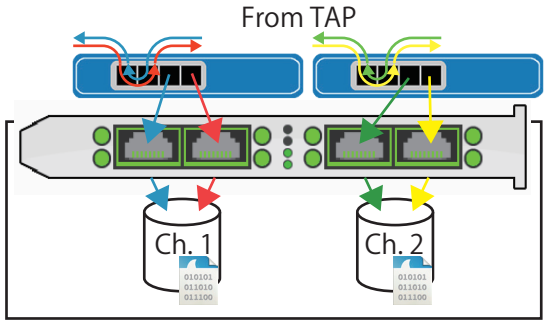


Figure. 5 Capture with 2 channels

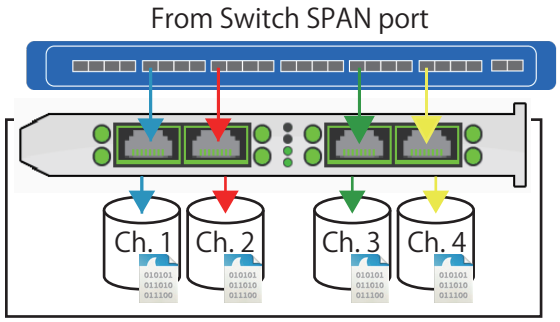


Figure. 6 Capture with 4 channels

H/W and S/W filtering functions

Figure. 7 Hardware filtering

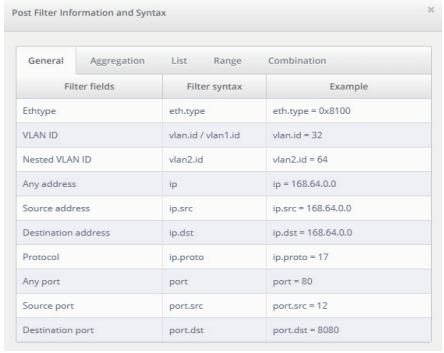
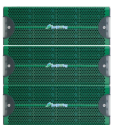
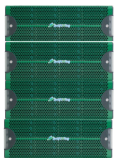


Figure. 8 Software filtering

SwiftWing Sirius NDR MADE IN OTA, TOKYO

Deployment	Enterprise		Data Center, Server Access Layer Long-Term Retention, Core Server Access Layer		Anywhere - suitable for Field Engineer	
Rackmount	1U	4U	4U + JBOD		Portable L	Portable Mini
Model	NDR-1US-4XGi-8T	NDR-4US-200Gi-48T	NDR-12UH-200/400Gi-1200T-M3L	NDR-16UH-200Gi-1440T-M4L	NDR-PL1SS2-200Gi-50T	NDR-PM2S-4XGi-S1000
Media I/F	Media I/F Model: 10G-B1 Support Interface: SFP/SFP+ x 4 10Base-T 100Base-TX 1000BASE-SX/-LX/-T 10Gbase-SR/-LR/-T	Media I/F Model: 100G-A1 Support Interface: QSFP28/QSFP+ x 2 10Gbase-SR 25Gbase-SR/-LR/-CR 40Gbase-SR4/-LR4/-CR4 50Gbase-SR2/-LR2/-CR2 * 100Gbase-SR4/-LR4/ -PSM4/-CLR4/CR4/ER4	Media I/F Model: 100G-A1 x 1 (200Gi) / 100G-A1 x 2 (400Gi) Support Interface: QSFP28/QSFP+ x 2 or 4 10Gbase-SR 25Gbase-SR/-LR/-CR 40Gbase-SR4/-LR4/-CR4 50Gbase-SR2/-LR2/-CR2 * 100Gbase-SR4/-LR4/ -PSM4/-CLR4/CR4/ER4	Media I/F Model: 100G-A1 Support Interface: QSFP28/QSFP+ x 2 10Gbase-SR 25Gbase-SR/-LR/-CR 40Gbase-SR4/-LR4/-CR4 50Gbase-SR2/-LR2/-CR2 * 100Gbase-SR4/-LR4/ -PSM4/-CLR4/CR4/ER4	Media I/F Model: 100G-A1 Support Interface: QSFP28/QSFP+ x 2 10Gbase-SR 25Gbase-SR/-LR/-CR 40Gbase-SR4/-LR4/-CR4 50Gbase-SR2/-LR2/-CR2 * 100Gbase-SR4/-LR4/ -PSM4/-CLR4/CR4/ER4	Media I/F Model: 10G-B1 Support Interface: SFP/SFP+ x 4 10Base-T 100Base-TX 1000BASE-SX/-LX/-T 10Gbase-SR/-LR/-T
Dimension (WxHxD / mm)	437 x 43 x 650	483 x 176 x 700	Main Unit : 483 x 176 x 700 Expansion Unit(x2) : 450 x 175 x 717	Main Unit : 483 x 176 x 700 Expansion Unit(x3) : 450 x 175 x 717	420 x 425 x 250	180 x 335 x 330
Weight (appr. kg)	17	32	192	272	20	7
Processor	Dual Intel Xeon		Dual Intel Xeon		Dual Intel Xeon	Single Intel 4-Core
Memory	Standard: 64 GB (maximum 2 TB)		Standard: 64 GB (maximum 2 TB)		Standard: 64 GB (maximum 2 TB)	16 GB
Capture Storage (TB)	8 (SSD)	48 (SSD)	1200 (HDD)	1440 (HDD)	32 (SSD)	5 (SSD)
Storage Performance	over 12Gbps (with RAID5)	over 100Gbps (with RAID50)	over 100Gbps (with RAID50)	over 150Gbps (with RAID50)	over 100Gbps (with RAID50)	over 7Gbps (with RAID5)
RAID	RAID5 or RAID6 (with Hot spare option), OS Drive RAID1	RAID50 or RAID60 (with Hot spare option), OS Drive RAID1	RAID50 or RAID60 (with Hot spare option), OS Drive RAID1		RAID 50/60	RAID 0 / 5
Timestamp measurement resolution	20ns or less with PPS interface		20ns or less with PPS interface		20ns or less with PPS interface	
Accessories	-		-		Soft carry case with wheels Portable Mini only: 10.1" Display, Mouse & Mini keyboard	

* 50Gbase coming soon

We are looking for potential business partners.
Letus know if you are interested!

ComWorth

SwiftWing SIRIUS is ComWorth's flagship brand of products, made in Japan. It was first launched in 2005, designed to meet today and the future demands for high speed and high performance deep packet capture and storage for the monitoring and analysis purposes in the enterprise network.

Founded in 1965, ComWorth is an established solution provider with over 50 years of extensive experience serving customers from various industries such as telecommunications, enterprises, financial institutions, education, research and development organizations and government agencies. It has offices in Singapore and Germany and the headquarter is in Japan.

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