SwiftWing
SIRIUS

Capture anything.
Capture everything.

Ultra High-Performance

1G/10G/40G/100G

deep packet capture

and storage solution

Designed to meet today's demand for high speed, high traffic packet capture on IP networks.

Capable of sustaining up to *40Gbps lossless capture to disk regardless of packet sizes.

Rich functionality that compliments user's demand for network capture, 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.
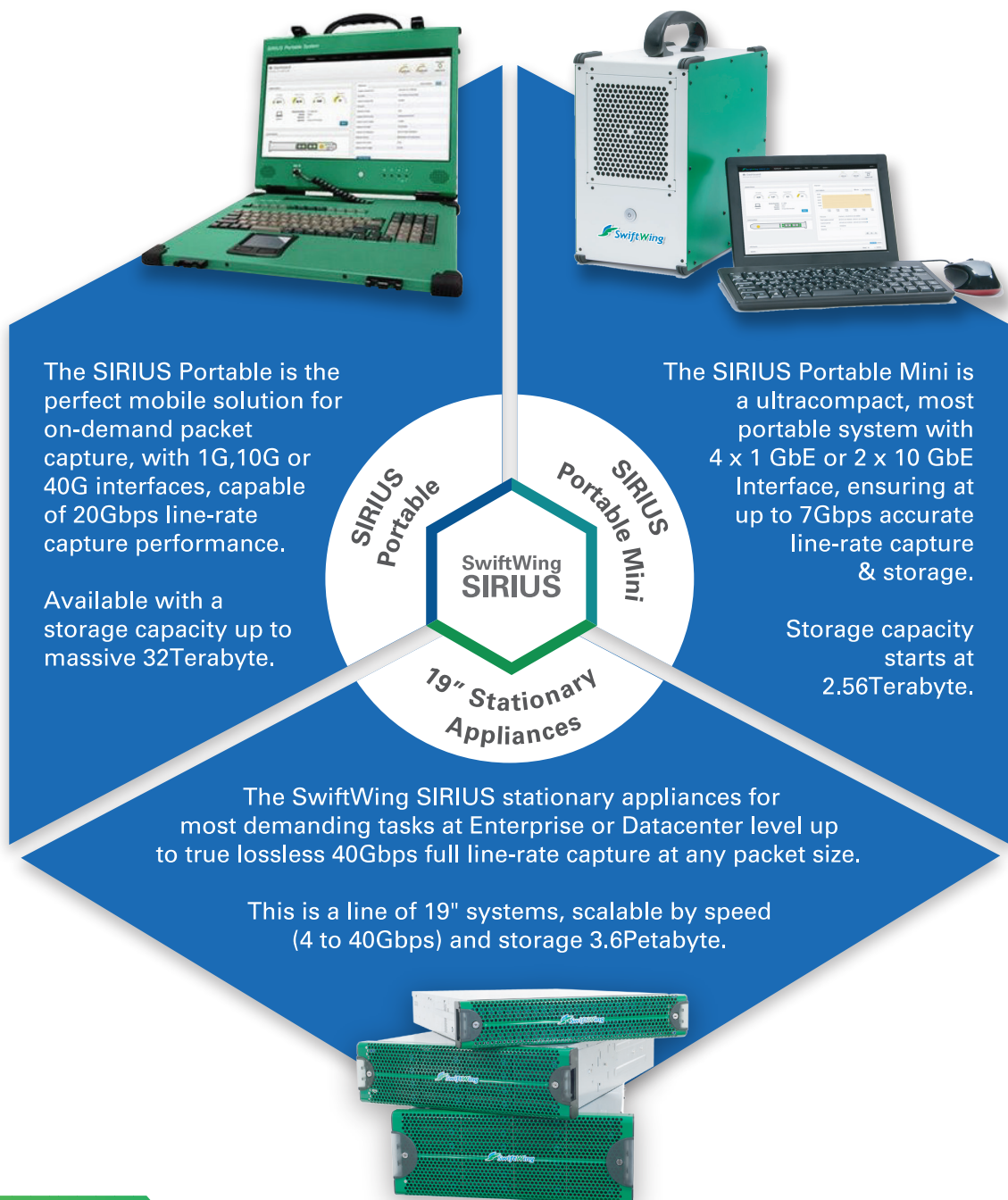
Ease-of-use to perform targeted tasks and selections
• Intuitive graphical user interface for complete controls and flexible system configurations.
• Robust and flexible hardware filtering function to both the packet header and payload during the capture process with no impact to the capture performance.

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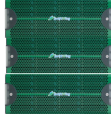• Customizable storage configurations.

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

The SIRIUS Portable is the perfect mobile solution for on-demand packet capture, with 1G,10G or 40G interfaces, capable of 20Gbps line-rate capture performance.

Available with a storage capacity up to massive 32Terabyte.

The SIRIUS Portable Mini is a ultracompact, most portable system with 4 x 1 GbE or 2 x 10 GbE Interface, ensuring at up to 7Gbps accurate line-rate capture & storage.

Storage capacity starts at 2.56Terabyte.

SIRIUS Portable

SIRIUS Portable Mini

SwiftWing SIRIUS

19" Stationary Appliances

The SwiftWing SIRIUS stationary appliances for most demanding tasks at Enterprise or Datacenter level up to true lossless 40Gbps full line-rate capture at any packet size.

This is a line of 19" systems, scalable by speed (4 to 40Gbps) and storage 3.6Petabyte.

Key Features

- ✔ Intuitive and easy-to-use interface across all desktops & mobile devices

- ✔ Powerful capture configuration that supports packet slicing, file rotation and data protection mechanism

- ✔ Real-time and historical packet statistics and graph displays

- ✔ Packet index and search functions; search packets using adress, IP, protocol, time, etc.

- ✔ Support 40Gbps capture to disk regardless of packet size

- ✔ RESTful API for remote access to stored data, pcap files and statistics. Enables integration with 3rd party appliances and custom scripts

- ✔ Logging System categorises system messages

- ✔ Highly customisable storage configurations

- ✔ Smart hardware filter engine which allows robust and flexible filtering options on network traffic

- ✔ 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

SwiftWing SIRIUS Made in Japan

	Data Center, Enterprise		Data Center, Server Access Layer / Long-Term Retention, Core Server Access Layer		Anywhere - suitable for Field Engineer	
Deployment	**Data Center, Enterprise**		**Data Center, Server Access Layer** **Long-Term Retention, Core Server Access Layer**		**Anywhere - suitable for Field Engineer**	
Rackmount	1U	4U (HDD / SSD)	Various Types[2] and [3]		Portable (4 / 20 Gbps)	Portable Mini (4 Gbps / 20 GbE)
Dimension (WxHxD / mm)	437 x 43 x 650	483 x 176 x 700	**Type M2 (Main Unit):** 483 x 176 x 700 plus 1x (2nd Unit): 483 x 176 x 482 **Type M2L (Main Unit):** 483 x 176 x 700 plus 1x (2nd Unit): 424 x 175 x 1100 **Type M3L (Main Unit):** 483 x 176 x 700 plus 2x (2nd Unit): 424 x 175 x 1100 **Type M4L (Main Unit):** 483 x 176 x 700 plus 3x (2nd Unit): 424 x 175 x 1100	**Type M5L (Main Unit):** 483 x 176 x 700 plus 4x (2nd Unit): 424 x 175 x 1100 **Type M6L (Main Unit):** 483 x 176 x 700 plus 5x (2nd Unit): 424 x 175 x 1100 **Type M7L (Main Unit):** 483 x 176 x 700 plus 6x (2nd Unit): 424 x 175 x 1100 width = 483 mm = with chassis ears width = 424 mm = w/o 19" rail system	436 x 329 x 185	180 x 335 x 330
Weight (appr. kg)	17	32 (2.5 inch SSD) 34 (2.5 inch HDD) 45 (3.5 inch HDD)	80 (Type M2) 120 (Type M2L) 210 (Type M3L) 300 (Type M4L)	390 (Type M5L) 480 (Type M6L) 570 (Type M7L)	13	7
Processor	Dual Intel 6-Core Xeon		Dual Intel 6-Core Xeon		Dual Intel 6-Core Xeon	Dual Intel 4-Core
Memory	Standard: 32 GB (maximum 2TB)		Standard: 32 GB (maximum 2TB)		32 GB	16 GB
Capture Storage[6](TB)	8	24 / 48 / 96 (2.5 inch SSD) 48 (2.5 inch HDD) 96 / 144 (3.5 inch HDD)	192 / 288 (Type M2) 360 / 480 (Type M2L) 480 / 720 / 960 / 1,200 (Type M3L) 1,440 / 1,800 (Type M4L)	2,400 (Type M5L) 3,000 (Type M6L) 3,600 (Type M7L)	16 (4 Gbps) 8 / 16 / 32 (20 Gbps)	2.5 / 5
RAID	RAID5 or RAID6, OS Drive RAID1	RAID50 or RAID60, OS Drive RAID1	RAID50 or RAID60 (with Hot spare option), OS Drive RAID1		RAID 0/5 (4 Gbps) RAID 50/60 (20 Gbps)	RAID 0 / 5
Capture Interface[4][5]	4x SFP	4x SFP or 2x SFP+ or 4x SFP+ or 2x QSFP+	2x SFP+ or 4x SFP+ (M3L to M7L) or 2x QSFP+ / QSFP28		4x SFP (4 Gbps) or 2x SFP+ (20 Gbps)	4x SFP (4 Gbps) or 2x SFP+ (20 GbE)
Capture to Disk Performance[1]	4 Gbps	4 Gbps (4 x SFP) 12 Gbps (2x SFP+) 20 Gbps (2x SFP+) 40 Gbps (4x SFP+ or 2x QSFP+)	20 Gbps (2x SFP+) 40 Gbps (4x SFP+ or 2x QSFP+ / QSFP28)		4 Gbps (4x SFP) 20 Gbps (2x SFP+)	4 Gbps (4 Gbps) 7 Gbps (20 GbE)
Accessories	-		-		Soft carry case with wheels Portable Mini only: 10.1" Display, Mouse & Mini keyboard	

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.

(1) Performance is measured with 64 bytes packet size
(2) Standard 4U chassis
(3) 4U storage chassis
(4) All SFP available in 1000BASE-SX or LX or 10/100/1000BASE-T; all SFP+ in 10GBASE-SR, LR or ER; QSFP+ in 40GBASE-SR4
(5) no SFP/SPF oder QSFP Modules are included
(6) Capture storage per unit and maximum capture storage capacities are increasing frequently - ask for latest status