

SEALINGTECH[®]

a **PARSONS** Company

Cybersecurity Advantage Through Innovation

Modernizing, Protecting, &
Defending Networks And Systems



Sealing Technologies Inc. was founded in 2012 as a veteran-owned business that provides cutting edge research, development, and implementation services that help to defend the American people from cybersecurity threats and attacks. The company provides services, products, and operational support related to cyber solutions that modernize, protect, and defend the networks and systems of the federal government and private industries.

Our goals include improving cyber operations, scaling and modernizing government networks and operations, while increasing the safety and efficiency of secure transmissions.

Mission success means more than saving money, it means saving lives. We can help you do both. Through automation, repeatable processes, quality orientation, rigorous certification, technological adaptability, and large scale handling for high throughput we help achieve the best outcomes for our cyber operators.

**Mission success means
more than saving money,
it means saving lives.**

Our experience working with the Department of Defense (DoD) and private industries enables us to deliver solutions for cyber teams to achieve mission success.

Protect lives
and critical
infrastructure
through advanced
technology

Deliver cost-
effective solutions
for use in mobile
operations

Increase efficiencies
through providing a
standard defensive
cyber operating
platform

Enable quicker
and more effective
communications
network setup and
operations in the
field

Improve defensive
capabilities with
superior edge
computing
in extreme
environments

SEALINGTECH[®]

a **PARSONS** Company

Modular, Versatile, and Powerful

Our team delivers the best technology to equip modern cyber teams with resources that are comprehensive, affordable, lightweight, easily transportable, rapidly deployable, and operational on NIPRNet, SIPRNet, JWICS, and coalition networks. Leveraging years of strategic experience, we design and deploy highly configurable Fly Away Kits, modular solutions complete with leading small form factor edge hardware, software, and tools.



Cost Efficient

Kits use commodity hardware and open source software whenever possible



Agile

Operators can mix and match system components to adapt for mission needs



Versatile

Easily transition to next generation cybersecurity on a rapid cycle



Optimized Workload

Systems configurations prioritize efficiency without sacrificing power or storage



Risk Mitigation

Value added through modularity, adaptability, process, and monitoring



Automation

Continuous Integration and Continuous Delivery (CI/CD)



Risk Management Framework

Processes accreditation, authorization, and access onto NIPRNet and SIPRNet networks



Complete Solution

Customized kits are complete and can be up and running in 60 minutes or less

SN 9000

The SN 9000 is a high-capacity server for workloads at the Edge in a powerful, cost-effective solution.

A 3U node measuring 13.03"L x 17.43"W x 5.24"H, the SN 9000 boasts up to 2.7 Petabytes (2700TB) of storage capacity and is able to incorporate 22 U.2 NVMe SSD drives.

Built with more versatility and cost-effectiveness in mind, as larger capacity drives become available, customers can look forward to multiple petabytes in one single, powerful system without having to upgrade units.

For Federal and commercial spaces, the SN 9000 can aggregate and operate as the storage center for all data from AI/ML, OT, and ICS environments.

- 22x U.2 NVMe storage drives
- Up to 2700TB of storage gives the user a massive amount of storage
- Powerful AI/ML edge computing
- 3U rack form factor can fit in a TSA-compliant carry-on case



Units are designed for TSA carry-on compliance.



SN 9000

Processor

AMD EPYC 9000 Series
Core Count: Up to 128 Cores / 256 Threads

Storage

OS Drive / Cache Drive

Up to 16TB M.2 NVMe SSD

Bulk Removable Storage

Up to 2684TB NVMe SSD

Memory

Up to 3TB DDR5-6000MT/s

Network

Up to 4x 200 Gbps QSFP112 ports or 2x 400 Gbps QSFP112-DD port (Supported link speeds 1, 10, 25, 40, 50, 100 Gbps)

2x 10 Gbps Ethernet (supported link speeds 1, 10 Gbps)

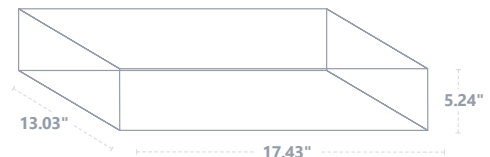
IPMI Remote Management

Ancillary

4x USB 3.0 (rear), 2x USB 3.0 (front)

1x VGA

Dimensions



SN 9000

Typical full depth rack server

GN 9000

The GN 9000 enhances field operator performance with 2x NVIDIA H100 GPUs connected via NVLink. It delivers 188GB of HBM3 memory to power today's most demanding AI models at the edge. Along with its AI/ML edge computing capability, this latest and most advanced carry-on-compliant form factor maximizes operational effectiveness and provides increased storage.

Get increased storage capacity with a total of 12 drive bays. The GN 9000 is rack-mounted and can fit into a carry-on compliant case or in a standard rack.



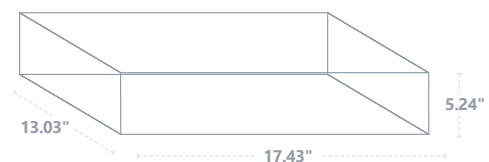
Units are designed for TSA carry-on compliance.



GN 9000

Processor	AMD EPYC 9000 Series Up to 128 Cores / 256 Threads
Storage	
OS Drive / Cache Drive	Up to 8TB M.2 NVMe SSD
Bulk Removable Storage	Up to 720TB NVMe
Memory	Up to 4.5TB DDR5-6000MT/s
Network	Up to 2x 200 Gbps QSFP112 ports or 1x 400 Gbps QSFP112-DD port (Supported link speeds 1, 10, 25, 40, 50, 100 Gbps) 2x 10 Gbps Ethernet (supported link speeds 1, 10 Gbps) IPMI Remote Management
AI/ML Accel.	2x NVIDIA A100 or H200 GPUs 1x NVIDIA BlueField-3 DPU

Dimensions



GN 9000

Typical full depth rack server

SN 8000

The SN 8000 packs a powerful Intel Xeon D 20-core processor and up to 512GB of RAM into a 2U chassis to provide ample room for over half a petabyte of storage. The SN 8000 provides customer flexibility with several options for network connectivity via the 8 on-board network ports.

At 27.5 pounds and 17.51" X 13.18" X 3.50", the SN 8000 transports easily in a FAA/TSA-approved carry-on compliant overhead case with spacing for cabling and additional ancillary equipment. The configuration is the ideal solution to meet high storage requirements while balancing size, weight, and power (SWaP) restrictions.

With security in mind, the SN 8000 is assembled with tool-less removable lids and drive trays to allow for quick drive and memory removal.



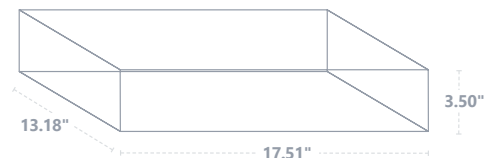
Units are designed for TSA carry-on compliance.



SN 8000

Processor	Intel Xeon D-2796NT up to 20 Cores / 40 HT
Storage	
OS Drive / Cache Drive	2TB NVMe
Bulk Removable Storage	540TB Total Up to 480TB SAS Up to 60TB GEN 4 NVMe
Memory	Up to 512GB DDR4 (2933MHz)
Network	1Gbps T-Ports (Qty 4) 10Gbps T-Ports (Qty 2) 25Gbps SFP28 (Qty 2) IPMI (Remote Management)
Power Display	600W PSU 100-240 VAC IN

Dimensions



SN 8000

Typical full depth rack server

SN 7100

Building on the SN 7000 and incorporating customer feedback, the SN 7100 is a 2U portable edge server with PCIe Gen5 and up to 128 cores!

A substantial increase from the previous max of 64 cores in the SN 7000. PCIe Gen5 allows for the latest network interface cards, memory speeds, drive speeds, and overall system efficiency.

Equipped to handle the most demanding tasks, the SN 7100 supports up to 5 PCIe cards, granting users the freedom to install cutting-edge hardware accelerators like FPGAs or high-speed network cards reaching up to 200Gbps. With up to 600TB of SSD storage, the SN 7100 allows for the seamless capture of vast amounts of information at high bandwidth and for extended durations.

Deployment

The SN 7100 can be configured into a **Fly Away Kit** for defensive cyber operations on-the-go. This compact case is waterproof and impact-resistant, protecting your workloads in austere environments. Complete solutions are easily manageable at under 50 lbs per case.

A **Rack Mounted** SN 7100 can be used as either a Large Sensor or Edge Cluster device.



Units are designed for TSA carry-on compliance.



SN 7100

Processor

Model AMD EPYC 9000 Series

Core Count

Up to 128-Cores / 256 Threads
PCIe Gen5

Storage

OS Drive / Cache Drive

Up to 8TB NVMe SSD Onboard

Bulk Removable Storage

Up to 600TB NVMe or 300TB of SAS4 SSD
Tool-less removable

Memory

Up to 3TB DDR5 Memory 4800MHz

Network

Up to 200 Gbps QSFP56 Ports: Supported link speeds 200,100,50,40,25,1 Gbps

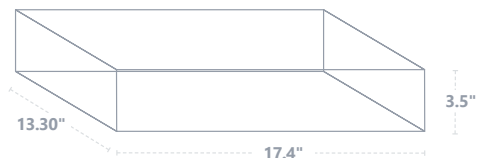
2 x 10 Gbps Ethernet: Support link speed 10GbE, 1GbE

IPMI Remote Management

Display

Configurable LCD display for hostname and IP address

Dimensions



SN 7100

Typical full depth rack server

GN 7100

The new GN 7100 utilizes PCIe Gen 5 and AMD's latest 9000 series processors. Designed for Artificial Intelligence and Machine Learning (AI/ML), it levels up defense capabilities for cyber protection teams with a high-performance GPU for demanding workloads at the edge.

The GN 7100 is rack-mounted and can fit into a carry-on compliant case or in a standard rack. It's powerful, next-generation AI/ML edge computing in a small, portable form factor.



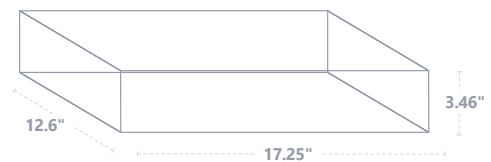
Units are designed for TSA carry-on compliance.



GN 7100

Processor	AMD EPYC 9000 Series Up to 128 Cores/256 Threads
Storage	
OS Drive / Cache Drive	Up to 8TB M.2 NVMe SSD
Bulk Removable Storage	Up to 360TB NVMe
Memory	Up to 4.5TB DDR5-6000MT/s
Network	Up to 2x 200 Gbps QSFP112 ports or 1x 400 Gbps QSFP112-DD port (Supported link speeds 1, 10, 25, 40, 50, 100 Gbps) 2x 10 Gbps Ethernet (supported link speeds 1, 10 Gbps) IPMI Remote Management
AI/ML Accel.	1x NVIDIA A100 or H200 GPU 1x NVIDIA BlueField-3 DPU

Dimensions



GN 7100

Typical full depth rack server

SN 7000

The SN 7000 is a highly configurable 2U server combining maximum performance with high storage density.

A powerful processor and motherboard support running simultaneous modern workloads. The node has high-speed networking adapters and removable SAS or NVMe storage. Other features include an optional 100Gbps FPGA capture card and a redundant power supply unit.

Ideal for rack and stack configuration, the SN 7000 provides industry-leading compute and storage, configurable as a standalone analytics server or clustered set as hyper-converged virtualized servers.

Deployment

The SN 7000 can be configured into a **Fly Away Kit** for defensive cyber operations on-the-go. This compact case is waterproof and impact-resistant, protecting your workloads in austere environments. Complete solutions are easily manageable at under 50 lbs per case.

A **Rack Mounted** SN 7000 can be used as either a Large Sensor or Edge Cluster device.



Units are designed for TSA carry-on compliance.



SN 7000

Processor

Model AMD EPYC Series

Core Count

Up to 64-Cores / 128 Threads (PCIeGen 4 I/O, Backward Compatible)

Storage

OS Drive / Cache Drive

Up to 8TB M.2 NVMe Onboard

Bulk Removable Storage

Up to 240TB NVMe
Up to 300TB SAS3 SSD

Memory

Up to 2TB DDR4 ECC Memory (3200MHz)

Network

10Gbps Ethernet (Qty 2); Supported link speed 10GbE, 1GbE

Optional Networking allowing for Traffic Ingest at 33+ Gbps

100Gbps QSFP+ Ports (Qty 2)

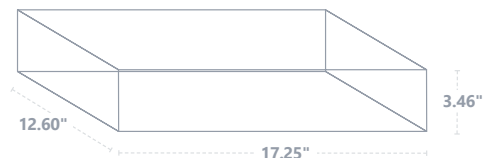
Supported link speeds
100,50,40,25,10,1 Gbps

IPMI (Remote Management)

Display

Configurable LCD display for hostname and IP address

Dimensions



SN 7000

Typical full depth rack server

GN 7000

The GN 7000 is an enhanced edge computing server enabling AI/ML workloads and model training closer to the users and data sources. Built on the proven SN 7000 platform, the GN 7000 combines industry leading Tensor Core GPU capability with small form factor flexibility.

The device employs a powerful processing core along with an NVIDIA A100 GPU for AI/ML workloads and an NVIDIA BlueField-2 DPU.

To enhance their DCO missions, customers are using the GN 7000 with a variety of hypervisors, operating systems, and AI/ML software tools. This has accelerated workloads and significantly reduced the time required to complete missions. SealingTech is continuously integrating the system with other pipelines, processing engines, and workloads to ensure that warfighters and cybersecurity professionals have the best technology and automation to defend our nation.



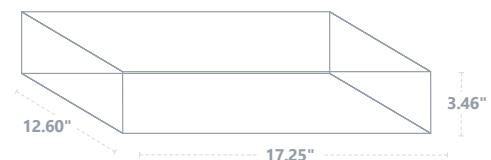
Units are designed for TSA carry-on compliance.



GN 7000

Processor	AMD EPYC Series up to 64 Cores / 128 HT
Storage	
OS Drive / Cache Drive	Up to 8TB M.2 NVMe Onboard
Bulk Removable Storage	Up to 120TB NVMe
Memory	Up to 2TB DDR4 ECC (3200MHz)
Network	10Gbps Ethernet (supported link speed 10Gbe, 1Gbe) (Qty 2) 100Gbps QSFP+ Ports (supported link speeds 100, 50, 40, 25, 10, 1 Gbps) (Qty 2) IPMI (Remote Management)
AI/ML Accel.	NVIDIA A100 NVIDIA BlueField-2 DPU
Power Supply	1200W PSU

Dimensions



GN 7000

Typical full depth rack server

SN 5100

Building on the SN 5000 and customer demands, the SN 5100 introduces a PCIe Gen5 system with up to 84 cores in a 1U portable form factor.

PCIe Gen5 allows for the latest network interface cards, memory speeds, drive speeds, and overall system efficiency. Even the most demanding workloads at the edge can run with ease on the 84-core CPU.

The SN 5100 edge server can operate as a network security sensor, seamlessly running conventional Intrusion Detection/Prevention Software. Simultaneously, it can function as a hypervisor, enabling the deployment of virtual machines to support a wide range of mission requirements.

Typical virtualized workloads include Endpoint Detection and Response (EDR), Security Orchestration Automation and Response (SOAR), Forensic Analysis, and Vulnerability Scanning. With substantial computational power at the edge, this system significantly boosts the efficiency of critical operations such as Vulnerability Assessment, Security Monitoring, and Incident Response missions.



SN 5100

Processor

Model AMD EPYC 9000 Series

Core Count

Up to 84-Cores / 168 Threads
PCIe Gen5

Storage

OS Drive /
Cache Drive

Up to 8TB NVMe SSD Onboard

Bulk
Removable
Storage

Up to 180TB NVMe SSD Tool-less
removable

Memory

Up to 3TB DDR5 Memory 4800MHz

Network

Up to 200 Gbps QSFP56 Ports: Supported
link speeds 200,100,50,40,25,1 Gbps

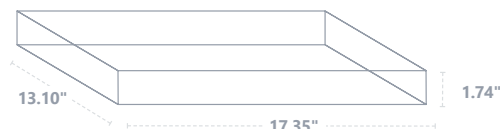
2 x 10 Gbps Ethernet: Support link speed
10GbE, 1GbE

IPMI (Remote Management)

Display

Configurable LCD display for hostname
and IP address

Dimensions



**Units are designed for TSA
carry-on compliance.**

SN 5100

*Typical full
depth rack server*

SN 4500

SealingTech's SN 4500: A Compact Powerhouse Server Node with Unmatched Versatility and Upgradability in a 1U Form Factor!

SN 4500 server node, a testament to compact efficiency and adaptability. Encased in a 1U form, this unit redefines versatility, offering seamless operation in both traditional enterprise rackmounted setups and mobile tactical mission environments. The SN 4500 is designed to serve a wide array of roles including network sensor, compute node, infrastructure server, or gateway firewall, with easy upgrades for RAM, Storage, and PCIe Devices to boost its power.

At its core, the SN 4500 features a robust small form factor motherboard, equipped with a 20 Core / 40 Thread Intel Xeon D processor, supporting up to 512GB of DDR4 memory and a physical TPM 2.0 chip for secure operations. Storage is revolutionized with custom-designed, tool-less removable M.2 drive enclosure.



Units are designed for TSA carry-on compliance.



SN 4500

Processor

Model AMD EPYC 9000 Series

Core Count

Up to 128-Cores / 256 Threads
PCIe Gen5

Storage

OS Drive / Cache Drive

Up to 8TB NVMe SSD Onboard

Bulk Removable Storage

Up to 600TB NVMe or 300TB of SAS4 SSD
Tool-less removable

Memory

Up to 3TB DDR5 Memory 4800MHz

Network

Up to 200 Gbps QSFP56 Ports: Supported link speeds 200,100,50,40,25,1 Gbps

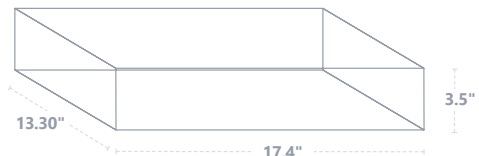
2 x 10 Gbps Ethernet: Support link speed 10GbE, 1GbE

IPMI Remote Management

Display

Configurable LCD display for hostname and IP address

Dimensions



SN 4500

Typical full depth rack server

SN 3100 XP

The SN 3100 XP offers more expandability than the standard SN 3100 and the ability to configure five systems into the standard rack-less SKB case.

The new XP form factor allows for more flexible and adaptable configurations of this portable server. Whereas the SN 3100 is focused on being a side-by-side rack-mountable unit, the SN 3100 XP can accommodate SATA drives, multiple NVMe's, Half Height PCIE, and GPU card configurations. The SN 3100 XP with a Tophat can be equipped with 60TB of NVMe removable storage and a half-height PCIE card, or up to 90TB of NVMe removable storage. The motherboard that powers the SN 3100 XP utilizes a Xeon D processor that has integrated Intel Deep Learning Boost, Intel QuickAssist Software Acceleration, Intel Total Memory Encryption, Intel Crypto Acceleration, and more.

Use this small form factor server in any place the size of a ream of copy paper could fit. This system can easily be integrated within or on top of a server rack, under a desk, or within larger kit configurations as a robust sensor platform, or to augment data analysis and continuous monitoring during hunt operations and incident response activities.



SN 3100 XP



SN 3100 XP Tophat
Includes Removable Storage

Units are designed for TSA carry-on compliance.



SN 3100 XP

Processor

Model	Intel Xeon D-2796NT
Core Count	20 Cores / 40 Hyperthreaded Cores
Frequency	2.00 GHz Base, 3.10 GHz Turbo

Storage

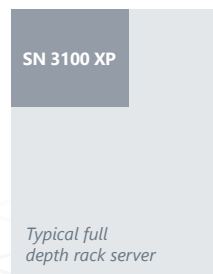
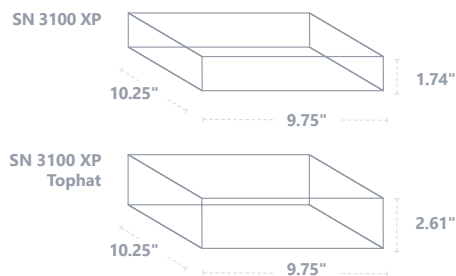
OS Drive / Cache Drive	Up to 4TB Gen 4 M.2 NVMe
Bulk Removable Storage	Up to 30TB NVMe or 45TB SATA Up to 90TB NVMe (SN 3100 XP Tophat)
Memory	Up to 512GB LRDIMM DDR4-2933MHz ECC

Network

25Gbps SFP28 (Qty 2)
10Gbps T-Ports (Qty 2)
1Gbps T-Ports (Qty 4)
IPMI (Remote Management)
Optional half height PCIE card providing up to 100Gbps QSFP+ Ports (Qty 2). Supported Link Speeds 100, 50, 40, 25, 10, 1 Gbps.

Dimensions

Backpack Compatible



SN 3100

The SN 3100 packs in more processing, storage, and networking than the SN 3000 in a slightly larger size, providing even more options in bringing workloads to the Edge.

Measuring in at 13.73" x 8.75" x 1.74" and 5 pounds, this 1U node delivers portable performance in a small form factor. Two USB 3.0 connectors and a 15 pin VGA video connector bring added flexibility.

The node provides the same conveniences as other models in the series. Removable storage and memory support easy swaps or the quick removal of key components in the field without tools. SN 3100 offers TSA carry-on travel compliance in a case or backpack, durability, and compatibility for custom kit configurations. The unit is reliable, ready, and designed for mission success.



SN 3100

Processor

Model Intel Xeon-D2796NT

Core Count

20-Cores (Physical) / 40 (HT)

Frequency

2.00 GHz (Base) / 3.10 Ghz Turbo

Storage

OS Drive / Cache Drive

2TB NVMe

Bulk Removable Storage

Up to 38TB NVMe SSD

Memory

Up to 512GB DDR4 ECC (2933MHz)

Network

1Gbps T-Ports (Qty 4)

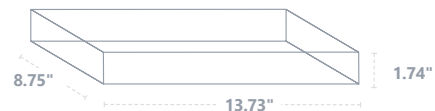
10Gbps T-Ports (Qty 2)

25Gbps SFP28 (Qty 2)

IPMI (Remote Management)

Dimensions

Backpack Compatible



Units are designed for TSA carry-on compliance.

SN 3100

Typical full depth rack server

US 10

Unleashing High-Performance Security with Compact Power

The US 10 is part of SealingTech's new line of AegisEdge MicroServers, purpose-built modular form factors designed to protect operational technology (OT) and industrial control system (ICS) environments including critical infrastructure and enterprise from cyberattacks.

Developed with SWaP-C (size, weight, power, and cost) in mind, it boasts 10 cores of processing for more flexibility, more power, and more value for customers. A versatile unmanaged server, it enables customers the ability to customize and add their choice of edge computing applications specific to their needs, including remote software management capability.

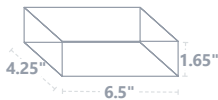
- Intel x86 CPU
- Two independent network interfaces
- Rugged fanless chassis design
- Industrial-grade memory and storage
- DIN-rail mount capability
- Scalable for remote locations
- Built for harsh environments
- TAA-compliant & transports easily



US 10

CPU Module	Intel i7 1.7 GHz (4.8GHz Max) 10 Cores 12 Threads
Memory	Up to 64GB 4800 MT/s DDR5 SODIMM non ECC
Storage	1x M.2 B-Key SATA/PCIe 3.0 2242/2280 with Sim, 1x M.2 M-Key PCIe 4.0 2242/2280 <i>* Up to 6TB, TBD based on power budget.</i>
Networking	2x 2.5GbE RJ-45
I/O	2X HDMI (1x HDMI 1.4b, 1x HDMI 2.0b), 2x USB 3.2DP 1.4 Type-C, 2x USB 3.2 Type-A
Power	1x 12V DC IN power plug
Ancillary	1X TPM 2.0 Onboard, 1X PCIe 4.0 SlimSAS slot, 1x M.2 E-Key PCIe 3.0 2242, 1x Internally Mounted RTC Battery, External Power Button, Intel Iris ® Xe/ UHD Graphics
Operational Temperature	0-60C (32-140F)
Storage Temperature	-40 -85C (-40 -185F)

Dimensions Backpack Compatible



AEGISEEDGE



3U Case

Incorporating **security, protection, and transportability**, SealingTech's TSA carry-on compliant 3U case brings the power of a data center to the edge.

Built with your size, weight, and power (SWaP) requirements in mind, the 3U case is ready to go anywhere, anytime.

SealingTech's first fully in-house-built case is a breakthrough in tech transportation. Tested to the MIL-STD-810H and IP65 standards, the 3U case's interior rack is shock-mounted to protect systems from drops and vibrations, while still allowing 3U's-worth of standard 19-inch rack width.

Fabricated out of high strength Aircraft Grade Aluminum Alloy, the case has nesting features and rubber feet providing the ability to stack four cases on top of each other for kit consolidation and reduce cabling to the hardware within.

When paired with the quick release half rack configuration, systems can be easily operated and swapped in a side by side configuration allowing for more compute, networking, or storage as needed.



Cases are designed for TSA carry-on compliance.



3U CASE

Weight

Up to 50 Pounds
(Configuration Dependent)

Customizable Mountable Options

6 x SN 3100s

5 x SN 3100s and 1x SW 2050

1 x SN 7100 and 1X SN 5100

3 x SN 5100s

1 x GN 7000, 1 x SN 3100, and 1 x SW 2050

1 x SN 5100, 2 x SN 3100, 1 x SW 2050, and 1x Tap or Firewall appliance.

Dimensions

22" x 14" x 9"

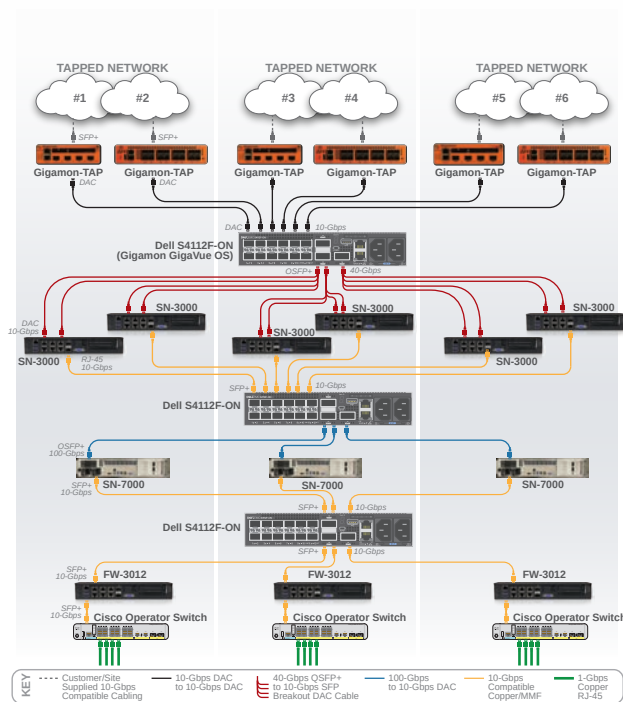


Deployment Scenarios

SealingTech professionals are experts in manufacturing and building modular, versatile, and powerful (MVP) edge computing Fly Away Kits. These kits are affordable, lightweight, and rapidly deployable.

Built with custom specifications and component configurations, the kits vary in size, designed through years of technical experience.

View configuration options on the reverse.



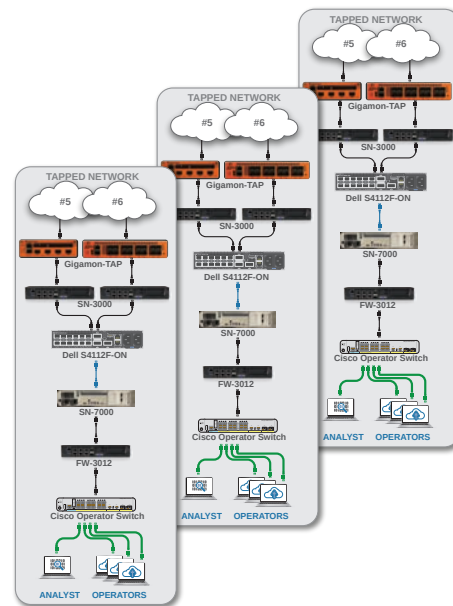
Complete Kit

SAMPLE Kit Configuration

This kit is designed to be a 4-12 person portable and cyber support platform, enabling teams to maintain positive control of the system while traveling. It is resourced to provide on-site steady state customer support and provide reachback capability for remote operations. The lightweight and rapidly mobilized system is designed for a wide range of missions.

This modular configuration is designed to operate as a complete solution or as three separate stacks of equipment for three separate locations. The entire contents are contained within 12 airline overhead compartment compliant cases and three backpacks.

In addition to being a modular design, the kit is scalable. Operators can add SN 3000 Sensors and SN 7000 Servers to an existing deployment whether it is a full kit or a single stack.



Modular Kit Design

Mission Kits are customized for purpose or technical needs, putting convenience, mobility, and system ease at the forefront.

Cases and protective packing are designed to increase the value, usefulness, and lifecycle of the equipment under realistic mission conditions.

- Lightweight
- Protective
- Highly Portable
- TSA Carry-On Compliant
- Fits overhead bin of most commercial aircraft

Small Mission Kit		Medium Mission Kit		Large Mission Kit	
BACKPACK	TACTICAL CASE 1	TACTICAL CASE 2	TACTICAL CASE 2	TACTICAL CASE 3	TACTICAL CASE 3
Node 1	Node 2	Node 4	Node 4	Node 6	Node 6
Laptop	Node 3	Node 5	Node 5	Node 7	Node 7
Power Supplies	Power Adapters	Power Adapters	Power Adapters	Node 8	Node 8
	A-Tap	Extras	Extras	Power Adapters	Power Adapters
				Extras	Extras

CYBER FLY AWAY KIT (C-FLAK)	Tactical Cases (Qty 3)	Tap Aggregator	Kits are an agile solution to support cyber mission needs and optionally may include an automated software infrastructure.
	39.9 Liter Backpack	Network Tap: Gigamon /	
	Nodes (Qty 8)	Network A-Tap	
	Laptop (Qty 1)	Input: 120/240 Volts	
	Fabric Switch (Qty 1)	Protective custom foam	

SealingTech Automated Kit Deployment (STAKD)

**Fly Away Kit tool installation
with a push of a button.**

The SealingTech Automated Kit Deployment (STAKD) is a front-end web interface for running Ansible automation scripts and managing infrastructure deployed to the SealingTech Cyber Fly Away Kits. Designed to run in an offline environment in a modular fashion, it allows operators to quickly and easily choose from a list of tools and have them installed and configured with the push of a button. Single node and clustered kits are supported.

CLICK

1

3-Click Deployment

- Downloads packages and repositories onto laptop for offline deployments
- Configures zero-touch deployment for switch

CLICK

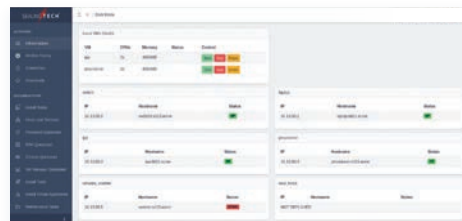
2

- Deploys VMWare on analytics nodes
- Deploys ELK/Hive
- Deploys Security Onion on sensor nodes
- Supports additional virtual platforms

CLICK

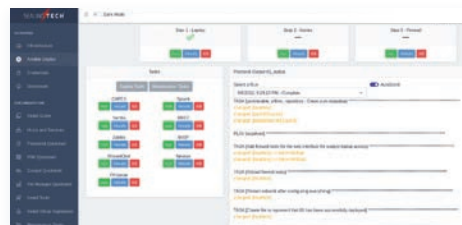
3

- Configures boundary firewall automatically



INFRASTRUCTURE OVERSIGHT AND MANAGEMENT

- View status of physical hardware and virtual machines
- Directly pivot into tools
- Manage Virtual Machines in environment (Start, Stop, Reset)
- Works with libvirt, VMWare



DEPLOYMENT INTERFACE

- Easy to use, push-button deployment platform and tools
- See in-progress and historical results of deployment
- Zero command-line experience required, no need to edit configuration files
- Simple prompts for steps requiring user input
- Deploy Tools: Extensible and easily modifiable, with new tools being integrated monthly, including:

Sensors:

- Zeek
- Suricata
- Stenographer

Analytics / Threat Intel:

- Elastic / Logstash / Kibana (ELK)
- Splunk
- MISP

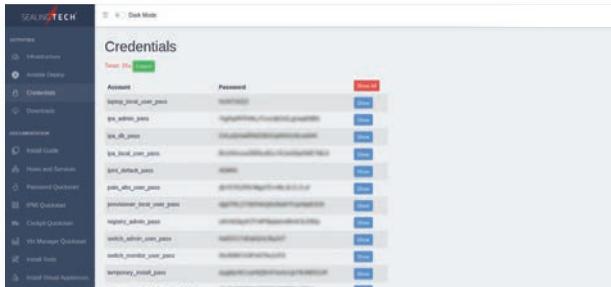
Management & Monitoring:

- RocketChat
- TheHive
- Zabbix

Boundary Firewall:

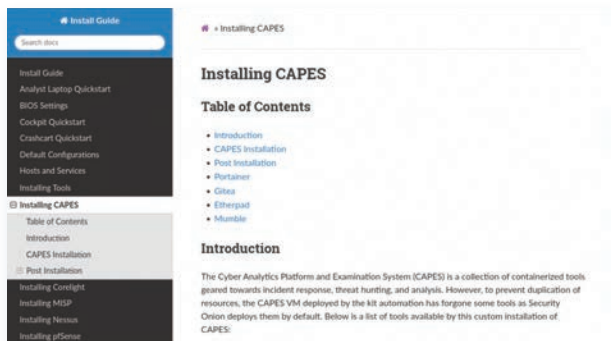
- Palo Alto
- PfSense

SEALINGTECH AUTOMATED KIT DEPLOYMENT (STAKD)



CREDENTIALS PAGE

- One location to view, copy, and paste randomly generated passwords
- Requires authentication to view passwords and times out for security
- Removes need for users to keep track of passwords or re-use passwords



INTEGRATED KNOWLEDGE BASE ARTICLES

- Includes built-in knowledge base with step-by-step instructions for setting up environment, accessing tools
- Includes cabling diagrams for information on unpacking, wiring Fly Away Kits
- Includes articles detailing deployment and access of all included tools and virtual appliances
- Includes hosts and services information detailing IP Address schemas, hostnames, and other pertinent information for nodes / virtual machines running in environment
- Includes detailed how-to-guides on setting default configurations, accessing nodes, configuring and resetting switches, and creating / managing virtual machines
- Easily accessible to users connected to the local network



MAINTENANCE TASKS

Gives users easy access to maintain deployed environment

- Integrate additional SN 3000/SN 7000 into existing environment
- Update Repositories and Packages to bring into offline environments

DOWNLOADS PAGE

- Locally-hosted file share for virtual appliances
- Allows users to download VMs, virtual appliances to be run in VMWare Workstation
- Pre-packaged tools can be uploaded with little effort

Easy-to-Access File Repository

Plug your Windows machine into the network and download virtual appliances fast.

No more passing around a hard drive!