



TACTICAL ADVANCED COMPUTER

MADE IN USA

A family of SFF mission computers, SWaP-C optimized, fanless, sealed, and found in temperatures as low as -51°C and up to $+85^{\circ}\text{C}$ to support you no matter where the mission takes place.

SFF MISSION COMPUTERS

“Proudly designed,
manufactured,
assembled, tested,
and supported in
Atlanta, GA USA.”

TRENTON SYSTEMS



COTS, CONFIGURED OR CUSTOM

100%
Solutions-based

We make our own boards and
integrate them into our chassis.

/// BOARDS



/// SYSTEMS





USA

AS9100D
CERTIFIED

WHAT DOES IT REALLY MEAN?

We secure critical intelligence from inception and eliminate suspicious parts in the supply chain before it becomes a problem.

CYBERSECURITY
Multi-layer

SUPPLY CHAIN MANAGEMENT
Sophisticated



Configured to fit your exact requirements.
We control the design from board to components to enclosure.

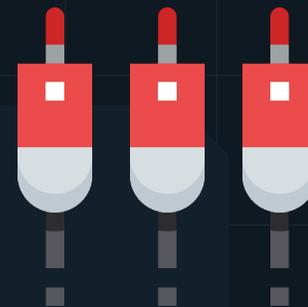
/// EDGE COMPUTING. ELEVATED.

MIGHTY.
LIGHT. +



Extensive Configurability

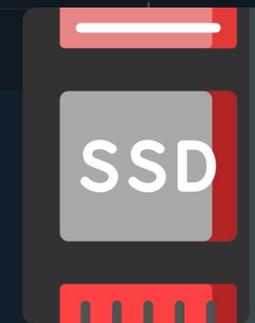
The TAC mission systems allow for flexible I/O configuration options along with removable storage.



I/O High-Speed

GbE Ethernet, MXM for add-in GPGPUs, MIL-STD-1553, CAN bus, PCIe, GPS, Wi-Fi, and lots more.

/// 38999 Connectors



Storage Sealed | Secure

Front-removable, sealed, self-encrypting SATA/NVMe SSDs, single or multi-drive storage options.

/// SEDs / SSDs

SUPPORT FOR 4K
HDR AND SDI
VIDEO OUTPUTS.



VIDEO

ON

NVIDIA or AMD
Versatility

COTS or MCOTS MXM cards using the industry's go-to brands on either Windows or Linux operating systems.

GRAPHICS

CHIP-DOWN
Enhanced MXM

Extremely rugged GPU-on-chip modules, perfect choice for aerospace and defense applications.

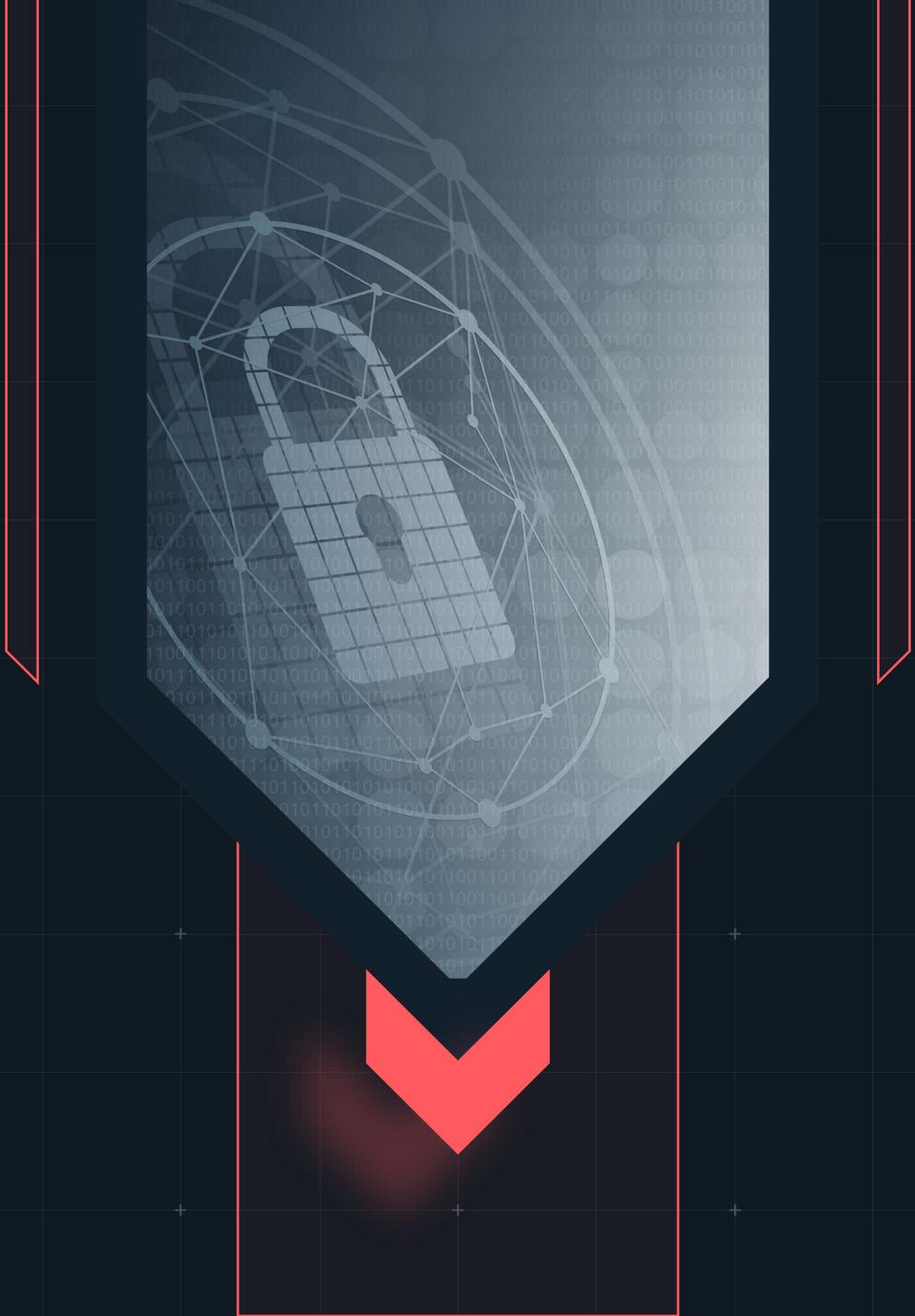
/// FULL DISK ENCRYPTION FOR WINDOWS/LINUX



NSA FULL DaR TOP SECRET REQUIREMENT

SEDs certified to FIPS 140-2 Level 2 and Common Criteria! Equipped with pre-boot authentication and an authorization acquisition (AA) and encryption engine (EE) making the TAC the ideal CSfC mission computer to secure information up to the U.S. Government's Top-Secret classification level.

COMPLETE PROTECTION



CYB_{SEC} Next Level

Hardware, firmware, and software protections; adherent to DaR, NIST, and NSA's CSfC.

SUP_{CHN} Management

We detect counterfeit electronic parts and components before they touch your system.



THE ULTIMATE RUGGED HPC SOLUTION +

Supports applications at the edge where full exposure to **severe** environmental elements such as rain, sun, dirt, dust, fog, salt and fluctuations of temperature, humidity, shock and vibe is **every-day life**.

DESIGNED TO PASS STRINGENT MILITARY STANDARDS.

MIL-STD-810

Dynamics and environmental testing such as shock, vibe, temp, humidity, and altitude.

MIL-STD-704

Standardized power interface between a military aircraft and its equipment and carriage stores.

MIL-STD-461

Electromagnetic compatibility testing

DO-160

Environmental testing for avionics hardware

MIL-STD-464

Electromagnetic environmental effects interface reqs for airborne, sea, space, and ground systems.

MIL-STD-901

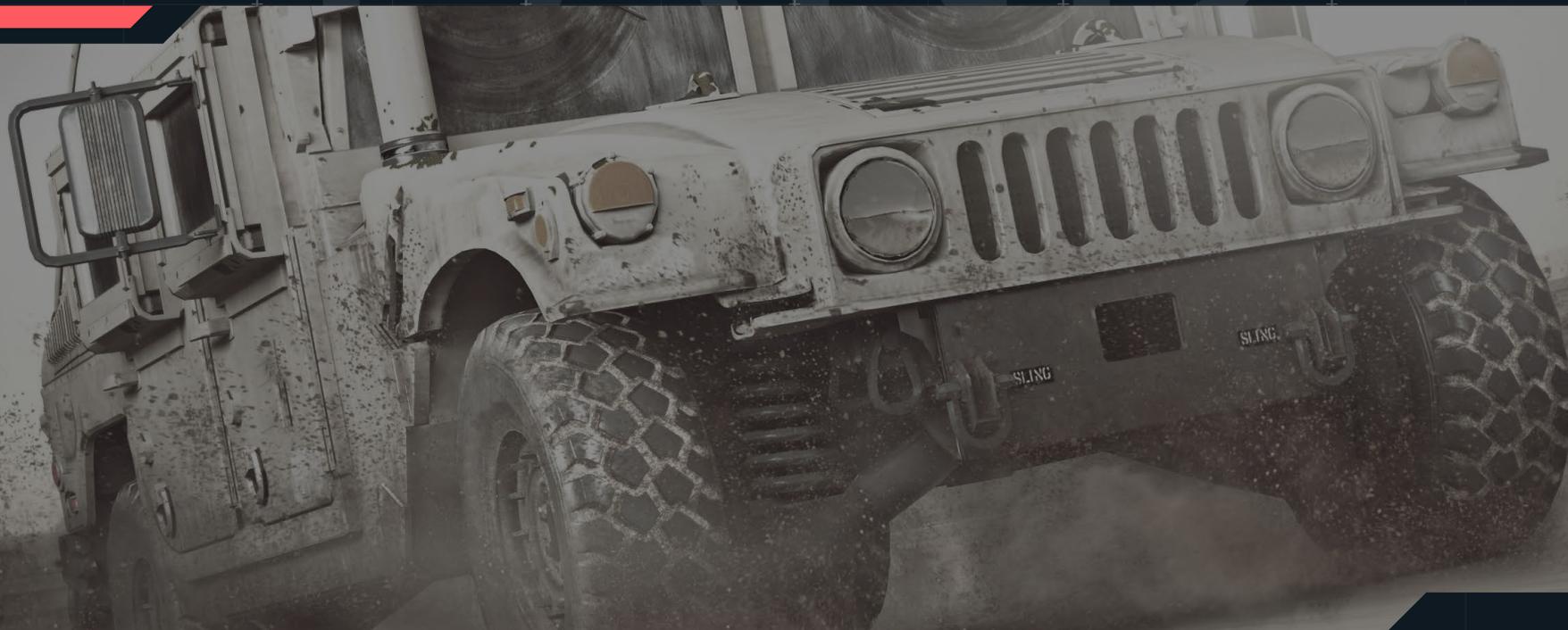
Stands up to high-impact mechanical shock

IP67

Totally protected against dust

CERTIFICATIONS

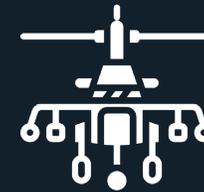
ONE SQUAD. ONE GOAL +



Bolster ground vehicle systems capabilities to support modernization priorities and improve readiness and reliability for current and future missions.

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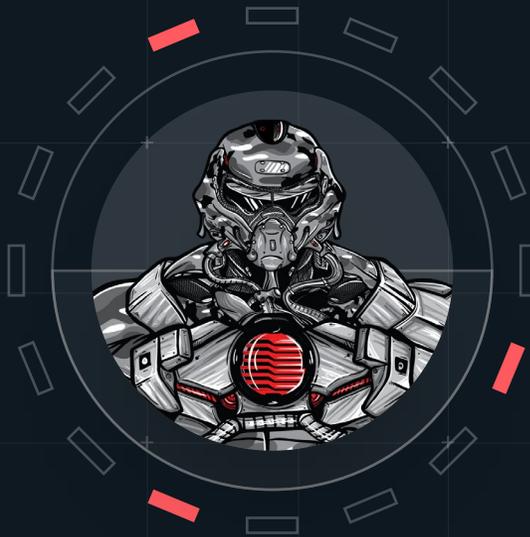
/// AIR



airborne

ROTARY +
FIXED
WING

SWaP-optimized, fanless, sealed, and certified for military aircraft use across various birds such as fighters, refuelers, carriers, SIGINT, ELINT, COMINT, AWAC, and UAVs.



Trenton C.I.D.

Cyber Intelligence Defender

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**WE
BUILD
TACTICAL
COMPUTERS**

Secure | Trusted | Made in USA



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