

# Next-Gen IT Infrastructure Protection

## ENFORCER™ System Overview

Cyber-secure hardware systems are essential in today's inter-connected world. In uncontrolled environments such as in-field SCADA, smart grids, data centers, and clouds, the lack of protected processing has raised significant challenges in protecting vulnerable infrastructures.

Fortunately, new next-generation architectures built from the ground up with strong security assurances are emerging. Platforms such as ENFORCER are certified to the highest level of commercially attainable security and enable tremendous disruption and progress.

### ENFORCER Secure Servers

ENFORCER is the world's first general-purpose **NIST FIPS 140-2 Level 4** tamper-proof secure server. Initially designed for US defense, homeland security and intelligence applications, ENFORCER servers are also available for commercial applications where security is paramount.



ENFORCER provides secure computation environments wherein all processing is physically and logically protected. It is high density and high performance and can securely execute x86 operating systems and software.



Unauthorized parties cannot access running computation and data or leak it to third parties, even with physical access and when compelled. This eliminates the significant risk of sensitive data and computation exposure in clouds, smart-grids, and edge infrastructures.



Using remote attestation, security guarantees can be remotely and dynamically verified while also attesting to the integrity of the hardware, firmware, and software stacks.

ENFORCER can dynamically and transparently integrate into or with data centers, and private, public, or hybrid cloud infrastructures. ENFORCER servers are high-performance, high-density, and price-competitive with commercially available enterprise hardware, while providing the strongest protections commercially available.

### ENFORCER Secures & Protects:

- Cloud Computing
- Data Centers
- Edge Deployments
- Enterprise Branches
- In-Field Oil/Gas Assets
- Smart Grid Assets
- Key Management
- Encrypted Storage
- Blockchain
- Payment Networks
- Avionics
- Defense and Intelligence

### Military-Grade Security

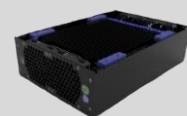
ENFORCER has been funded by the DoD, DHS and others, and is currently deployed in govt data centers. Compact, yet powerful, MIL-STD spec ruggedized ENFORCER tamper-proof servers support in-field edge deployments. In addition to anti-tamper defenses, zeroization or physically self-destruct can also be remotely triggered.



TPX1 – Rugged Edge Cloud Pod



Stackable Edge Micro Pod



Compact Blade Cube