

Garrison Isolation Appliance

Series B Overview

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Garrison Isolation Appliance

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What we will cover today



Access Use Cases



Garrison Isolation Appliance



What is HardSec?



Series B

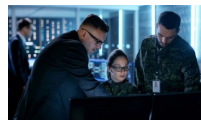
Mission Focused Access Scenarios



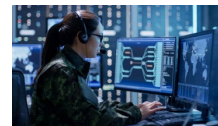
Everfox CDS Access technology enables a wide range of user benefits, **including a number that are uniquely delivered by Garrison Isolation Appliances** due to its hardware enforced security functions and deployment model



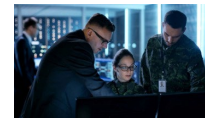
Trusted Internet Access from Secure Networks



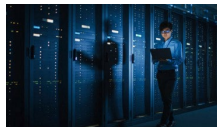
Secure Collaboration Across Security Boundaries



Browse-Down from Classified Environments



Trusted Connectivity for AI Powered Decision Dominance



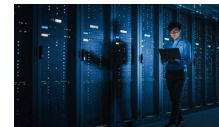
Secure Administration of Critical Infrastructure



Remote Access for Distributed Cleared Workforces
(Extending the reach of CSfC solutions)



Mission-Critical Voice Communications Across Trusted Boundaries

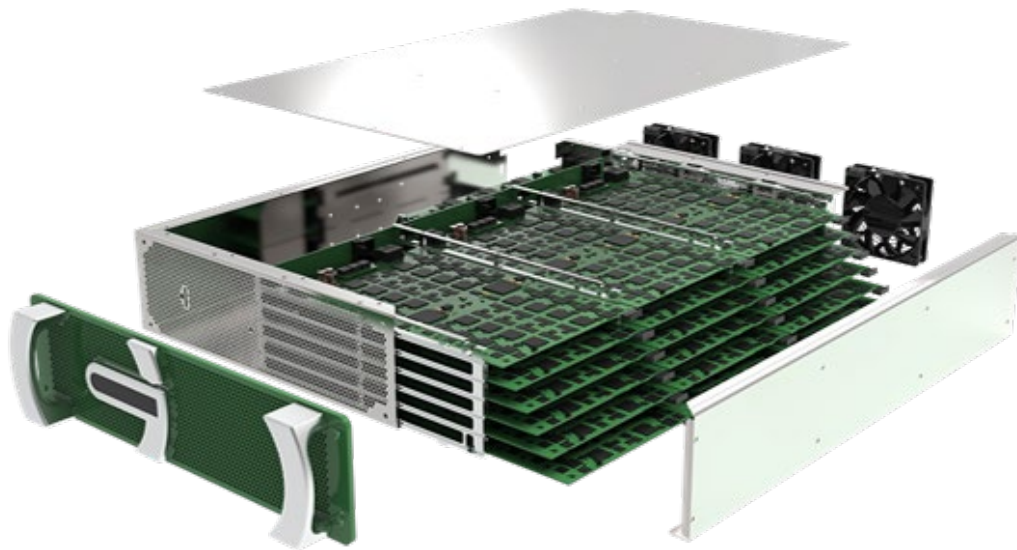


Secure Mobile Mission Access

EVERFOX

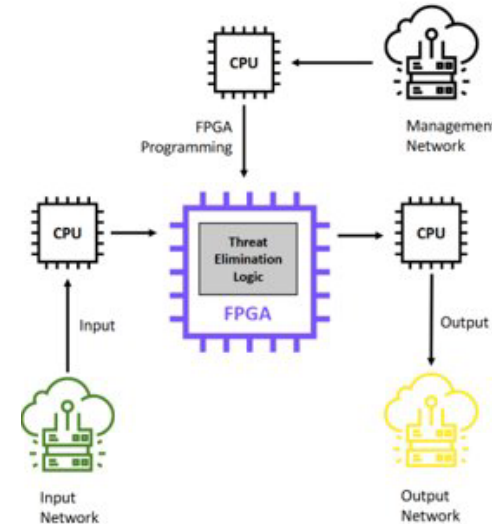
Garrison Isolation Appliance

- The Garrison Isolation Appliance (GIA) is part of the Everfox CDS Access portfolio.
- Security controls are implemented in hardware (HardSec) and so is approved to access High Threat Networks (HTNs) from classified domains.
- It is a custom-built appliance that was first deployed in the UK and US in 2019 and was approved for use as a CDS by the NCDSMO in 2023 but remains non-ITAR controlled.



What is HardSec?

- Strong cybersecurity requires that the threat elimination platform itself can be trusted.
- With software-based solutions, that trust level doesn't always align to the risk from the threats e.g., AI
- HardSec is an approach to security that combines the flexibility of software and the security of hardware.
- It enables both by:
 - Using simple logic to eliminate threats
 - Being immutable, limiting the impact of any compromise
 - Supporting high assurance implementations
 - And is field-upgradable and configurable
- The GIA and other solutions embody this mindset to security.



Series B VS Series A

Remote side performance enhancements

64-bit ARM vs 32-bit ARM
8 cores vs 4 cores
2.2GHz vs 1.7GHz
4GB RAM vs 2GB RAM

Faster page loading times
Better handling of JavaScript
More responsive user environment

Improved video pipeline

60fps vs 30fps

Lower pipeline latency
Smoother scrolling
Near-native typing experience

Better resilience architecture

Dual-redundant network interfaces

Resilience to upstream switch
failures

New Functionality

Bidirectional Audio

Enabling x-domain collaboration

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