



ZECURITY

DATA SHEET  
Hardwall®

# Hardwall®

A solution to stop web-borne attacks to scramble or change your data or to take control of your infrastructure systems.

*Physics Over Logic. Hardening Current Cybersecurity.*

Zecurity's core strategy leverages the unique capabilities of our Hardwall to provide unparalleled security through our patented zero-write environment technology.

**To see a short video explaining the hardwall and why it is different:**

please see:

<https://zecuritytech.com/videos/>

**Current solutions are ineffective:**

For examples and information, please see:

<https://zecuritytech.com/blog/>

The Hardwall is plug and play patented hardware deployed in front of specific data or systems desired to be protected. The Hardwall creates a physical boundary that prevents malicious web or internal network content to infiltrate the data/systems, while still allowing Internet or internal network viewing of the system.



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A solution to stop web-borne attacks to scramble or change your data or to take control of your infrastructure systems.

## The Hardwall® Unique Value Propositions

### Immutable Hardware Security:

- **No Changes Possible:** External sources cannot change operations.

### Zero-Write Technology:

- **Removes Write Capability:** Stops ransomware, malware and unauthorized changes - ensuring system integrity.
- **Behavior-Based Security:** Focuses on incoming actions rather than code content, removing the guesswork from threat identification.
- **Always Up To Date:** No need for constant updates unlike identity-based software security.

### Seamless Integration:

- **No System Changes Required:** Can be implemented without altering existing systems or infrastructures.

### Cost Efficiency:

- **Reduced Maintenance Costs:** Lowers cyber defense and incident response expenses along with governmental reporting obligations.
- **Reduced Monitoring User Training:** Reduces security training for users who merely monitor a system or data.
- **Enhanced Risk Profile:** Strengthens risk profile for insurance.

### Detailed Reporting:

- **Real-Time Threat Detection:** Generates detailed reports of attempted infiltrations for better compliance and threat detection.

## Use Cases

**Remote systems** - Protect systems, whether in the field, in your facilities or in your network - such as SCADA operations at water or power facilities, operational technology and oil and gas wells, facilities or pipelines.

**Data storage** - Protect data within your network (or placed in Zecurity's cloud) that many internal or external users should see, but not change, such as HIPAA information for hospitals or financial information.