

# DEFENDER FULL SERVER FAILOVER PRODUCT

HEROware’s goal is simple; to offer one set of solutions, from one vendor, that provide you all the comprehensive enterprise grade data protection, Backup and Disaster Recovery you need, at SMB prices. In doing so, we looked at the most rigid of all industries to make sure our products could withstand their compliancy rules and regulations. The Healthcare industries HIPAA/HITECH compliancy set the bar high for HEROware. We felt if we could become HIPAA/HITECH compliant then any company in any industry would feel good about using the HEROware Solution. Using best of breed technologies and integrating them into one single pane of glass administrative tool, HERO-RMM.

**AUTOMATED FAILOVER** Defender provides high-availability failover of servers to ensure users remain online in case of a failure. For customer facing systems, it ensures that customer satisfaction remains high and sales are not impacted.

**FAILBACK/RESTORE** Should a failure occur, HEROware manages the Failback and Restore process for you. Please contact HEROware technical support to schedule your restoration process.

**ONE-CLICK TEST FAILOVER** Defender lets you perform a test failover with one click. When selected from the monitor screen, the “Test Failover” function pauses all replication, starts the replica virtual machine and begins the test failover process. After confirming failover and checking that all files and folders are replicated, the administrator can “failback” automatically by selecting “Undo Failover”.

## Key Features of the HEROware Product Suite

Feature-Onsite Appliance for Rapid Failover of Servers	Benefit	HERO-DefendeR
Real-Time Up To The Second Server Replication	Business Continuity	✓
Rapidly Recover Entire Servers in Minutes	Continuous Operation	✓
Easy and Quick Testing of Servers	Piece of Mind	✓
Manages and Supports Many Windows Servers	Saves Time and Money	✓
Feature-Backup All Systems (Servers, PC's and Tablets)	Benefit	HERO-DefendeR
Full Image Protection	Business Continuity	✓
Hourly backups (Snaps) with Individual File Restore	Business Continuity	✓
Optional Granular Recovery of All Emails/Email Boxes	Protecting your Assets	✓
Automatic or Manual Failover	Continuous Operation	✓
Microsoft Windows OS and Mac Protection	Protecting your Assets	✓
Intel/Dell/Microsoft Best of Breed Products	Piece of Mind	✓
Feature-Support	Benefit	Urgent Care
Free Restore-Included in Support	Saves Time and Money	✓
North American Support	Piece of Mind	✓
Bumper To Bumper Support-Hardware and Updates	Investment Protection	✓
Feature-Total Disaster Recovery Solution	Benefit	Secure-Cloud
Hourly backup with Individual File Restore	Business Continuity	✓
OS, Apps and Files sent Next Day on Encrypted USB Drive	Saves your Business	✓
7 Year Archiving-SAS 70-488 Encryption-HIPAA Compliant	Secure/Audit Compliant	✓

**MANY-TO-ONE FAILOVER** Defender can be configured to protect multiple production servers. Protection jobs of individual servers are independent of each other, thus allowing the failover of one or many servers while others remain replicating.

**VIRTUALIZATION** Defender lets you protect any production physical or virtual machine running a Microsoft Windows Server Operating System to a Defender running Microsoft Hyper-V. Data is replicated directly into the Defender virtual machine's virtual disk, which means that the Defender virtual machine can remain powered off until it is needed for a failover; allowing oversubscription of the virtual environment at the recovery site and eliminating licensing fees for guest operating systems and applications.

Below is a great diagram of how the data flows and what type of protection you receive for each device. With many layers of replication and redundancy, the HEROware solution allows for no single point of failure with high availability and backup. With Secure-Cloud you now have the "Utmost in Disaster Recovery".

**FILE/DIRECTORY SELECTION** You can de-select directories or files for replication, giving you greater flexibility to configure efficient use of reproductions. The use of wildcards facilitate quick and simple configuration.

**SNMP COUNTERS AND TRAPS** Defender simplifies management by integrating with any RMM software utility that supports SNMP and will forward replication statistics and events via SNMP.

HERO-Monitoring for Remote Monitoring and Management

