BCDR Devices

A Business Continuity and Disaster Recovery solution by integrating both local and cloud backups

What Are BCDR Devices

BCDR Devices offer a comprehensive Business Continuity and Disaster Recovery (BCDR) solution by integrating both local and cloud backups with the ability to spin up virtual environments. This includes hardware that replicates servers—capturing data, operating systems, and configurations at frequent intervals. In the event of a failure, customers can quickly failover to these backups, either locally or in the cloud, ensuring that business operations continue with minimal downtime. This rapid recovery eliminates the delays associated with traditional backups, providing an "always on" business environment.

How Do BCDR Devices Work

Traditional backup solutions are often insufficient when it comes to ensuring business continuity after a catastrophic system failure. Backups alone can take hours or days to restore, leaving businesses vulnerable to prolonged downtime, data loss, and potential financial losses. Critical systems need more than just backup—they need an immediate failover solution that ensures minimal disruption and quick recovery after a hardware or software failure, natural disaster, or cyberattack.

The Importance of BCDR Devices

Downtime can be crippling for businesses, resulting in loss of revenue, reputation, and even clients. A simple backup solution cannot provide the level of continuity required in today's fast-paced environment. BCDR Devices ensure that even in the event of a major failure, businesses can continue running with minimal disruption. This solution also provides robust protection against ransomware, hardware failure, and natural disasters by allowing businesses to recover entire systems, not just files, in a matter of minutes.

The Outcome

With BCDR Devices, customers benefit from comprehensive protection of their entire IT infrastructure. In the event of a server failure, they can quickly failover to a local or cloud-based backup, ensuring business operations remain unaffected. This solution minimises downtime, preserves data integrity, and provides peace of mind knowing that their systems and data are fully protected. Additionally, customers can achieve faster recovery times than traditional backup methods, ensuring business continuity and reducing the risks associated with long outages.

What This Product Does: ✔

Complete System Replication: Replicates entire server environments, including data, operating systems, and settings, ensuring that complete system recovery can be done quickly.

Fast Failover and Recovery: Allows businesses to failover to local or cloud backups in minutes, ensuring minimal disruption in the event of hardware or software failure.

Local and Cloud-Based Protection: Provides both local backups for fast recovery and cloud backups for air-gapped protection against ransomware and other threats.

Frequent Backup Intervals: Backups are taken at regular intervals (as frequently as every five minutes), ensuring that recent changes and data are always protected.

Disaster Recovery in the Cloud: In case of a complete site failure, systems can be spun up in the cloud, ensuring business continuity even during major disasters.

What This Product Doesn't Do: ✘

Doesn't Eliminate the Need for Other Security Solutions: While BCDR Devices protect against data loss and downtime, they don't provide comprehensive cyber security protection (e.g., firewalls, endpoint security). These solutions should be paired with other security measures.

Requires Hardware Installation: This solution requires hardware to be installed at the customer site, which can lead to increased upfront costs and setup time.

Doesn't Guarantee Zero Downtime: While downtime is significantly reduced with BCDR, it is not eliminated entirely. There will still be a small window of downtime during failover.

Not a Replacement for Proper IT Infrastructure: BCDR Devices ensure quick recovery from failures but don't replace the need for a properly maintained IT infrastructure, regular monitoring, and proactive management.