# Enterprise Data Protection with Built-in InfiniSafe® Cyber Storage Resilience and Unrivaled Performance

InfiniGuard offers industry-leading guarantees and unrivaled backup and recovery performance for all your modern data protection needs. Enhanced with InfiniSafe cyber storage resilience technology, InfiniGuard delivers the industry's most extensive set of features to help ensure you are always ready should the unforeseen happen — all built on our enterprise-proven InfiniBox® platform for the highest levels of performance, availability, and simple fully-integrated management.

**Gartner**
**peer**insights™

InfiniGuard has earned 5 out of 5 stars based on Gartner Peer Insights Reviews of verified customers
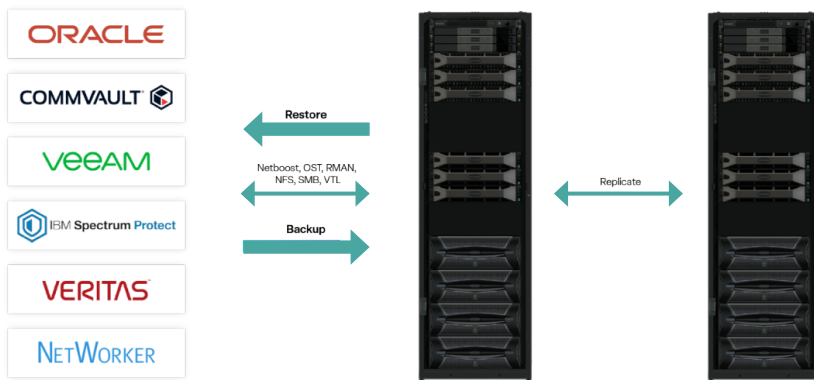
**InfiniGuard®**

# InfiniGuard®

### The Standard for Enterprise Data Protection

Modern data protection needs to extend far beyond those we have relied on in the past. Dramatically larger, ever-growing data sets of today require faster, less intrusive data protection methods, highly functional backup software options with industry-leading providers, easier management, high availability, and great flexibility with lightning-fast recovery options. Solutions must scale to address granular file recoveries, disaster recovery, and today's most top of mind concerns — cyberattacks and recovery from ransomware and malware. InfiniGuard, along with our InfiniSafe cyber storage stack, helps you recover quickly in whatever situation you may encounter. Additionally, we provide flexible procurement programs designed to accommodate your business needs.

### InfiniGuard Deployment Ecosystem

Easily deploy and manage InfiniGuard with your preferred backup software.



### Key Features

### Backup & Recovery Performance

InfiniGuard provides industry-leading performance for data protection and backup with in-line, data reduced, ingest rates of up to 180TB/hr* and unrivaled recovery performance at scale, be it a single file, large-scale DR, or cyber storage recovery needs. Cyber storage resilience best practices require your assurance of data validity, as well as near-instantaneous recovery of your backup repositories, regardless of size. Our InfiniSafe cyber storage stack does just that, in minutes, making it easy for data validation and DR recovery testing.

Our support of direct application backup, like Oracle RMAN and our NetBoost client, provides the levels of performance needed for large and challenging backup environments where windows are minimal, and performance is of the utmost importance. NetBoost also provides client-side deduplication, greatly reducing the amount of data needing to be backed up and eliminating overhead to the environment.

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# InfiniGuard®

## InfiniSafe Cyber Stack

InfiniSafe is built on providing four foundational requirements that are strategic to a comprehensive cyber recovery capability:

1. **Immutable snapshots**
   Completely hardened and unchangeable data set protection. These policies are hardened and consistent, helping ensure your business is following a proper set of best practices.

2. **Logical air-gapped protection**
   Leveraging our ability to isolate the data sets logically, fully, and completely within our solution and not requiring the expense of secondary environments.

3. **Fenced forensic network**
   Dedicated networking resources activated only when needed to surface a copy of the data you need to inspect or test or recover from. This is a fully isolated network environment from your production network and tightly managed and orchestrated.

4. **Near-instantaneous recovery of any size backup repository**
   Pick the recovery point you need, regardless of size, even petabytes, and in just a few clicks and within minutes, be ready to analyze or present your datasets for restore to your backup environment.

This foundational cyber stack helps make your recovery the fastest possible in the event of a cyber attack. InfiniSafe core cyber storage stack is included with the InfiniGuard solution providing you the lowest TCO in the industry.

## Reliability

InfiniGuard's deduplication engines (DDEs) are fully active/active with a ready standby node built in. We leverage a stateless recovery model, which makes it quick and easy to ensure your backup and recovery system is always optimized, and all of this is completed with full data integrity.

## Consolidation

InfiniGuard solutions scale up to 75PB+** of effective capacity. With multiple protocols supported (VTL, NFS, CIFS, OST, RMAN, and DB2) it is easier than ever to consolidate data protection for multiple systems into a single high-capacity solution. Consolidation with InfiniGuard also reduces data center footprint and lowers power and cooling costs — significantly reducing your data protection TCO — all without sacrificing its industry-leading performance.

**Recovery Time Objective (RTO)** is the most critical metric for cyber recovery and business continuance.

**20PB Veeam backup dataset recovered in only 11 minutes and 55 seconds.**

## From Our Customers

"Switching to InfiniGuard has been a huge win for us. We've saved approximately 40% compared to the costs of our previous vendor. We didn't hesitate to expand our footprint when the time came and we now service about 90k backups per day with our InfiniGuard systems."

**Lead Enterprise Architect**

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## Security

InfiniGuard provides extensive security features that ensure your data is protected at many levels. Role-based access controls and multi-factor authentication integrations are just the front end of security that extends through the entire solution. InfiniGuard's architecture builds upon the deep layers of security inherent in our InfiniBox architecture such as at rest encryption, encrypted replication, and isolated storage for the most critical of datasets using immutable snapshots. All of these capabilities are proven in some of the largest data center infrastructures in the world!

## Guarantees

Cyber resilience is one of the top concerns of businesses everywhere. We offer InfiniSafe Cyber Storage Guarantees*** building on our InfiniSafe cyber stack. We guarantee the recoverability of any of your immutable snapshots and we guarantee it will happen in less than 20 minutes, regardless of size.

## Benefits Summary

- ▶ Highest performance at scale
- ▶ InfiniSafe cyber stack for cyber resilience
- ▶ Now with a 2x increase in ingest performance
- ▶ All-inclusive licensing
- ▶ Flexible purchasing options
- ▶ InfiniSafe cyber storage recovery guarantees

### From Our Customers

"InfiniGuard is easy to use, it is fast, it is reliable. And the support is always there if you need it."

**Systems Engineer**

"InfiniGuard is easy to manage. Dashboards are clear and informative, so it's easy to understand our status at any given moment."

**IT Project and Cloud Manager**

"Cost per gigabyte and performance is something that you cannot beat."

**Sr. Infrastructure Engineer**

* Overall system performance with two DDEs in use, 90% DeDup rate.

** Effective capacities. Actual results may vary.

*** Conditions and restrictions apply.