

Solution Profile

7-Layer Defense. One Trusted Partner.

Simplify the Complexity of Data Protection and
Cyber Resiliency



Resiliency

Cybersecurity and the need for data resilience are at an inflection point. Data is proliferating. The global datasphere is projected to reach a staggering 180 zettabytes by 2025.

Data increasingly resides across diverse environments and locations, from centralized databases to cloud environments and personal devices, making management and security more complex.

*By 2025, 75% of enterprise-generated data will be created and processed outside a traditional centralized data center or cloud, causing multilayer vulnerability.**

Meanwhile, the cost of downtime due has skyrocketed: Healthcare, **\$636,000** per hour; energy, **\$2.48 million** per hour; and brokerage service industry, **\$6.48 million** per hour, per [Pingdom](#).

Just how exposed is your organization? According to [Cybersecurity Ventures](#), ransomware is expected to attack a business every 2 seconds by 2031, up from every 11 seconds in 2021. **The damage will reach an estimated \$265 billion.**

As Data Grows, So Does the Threat Landscape

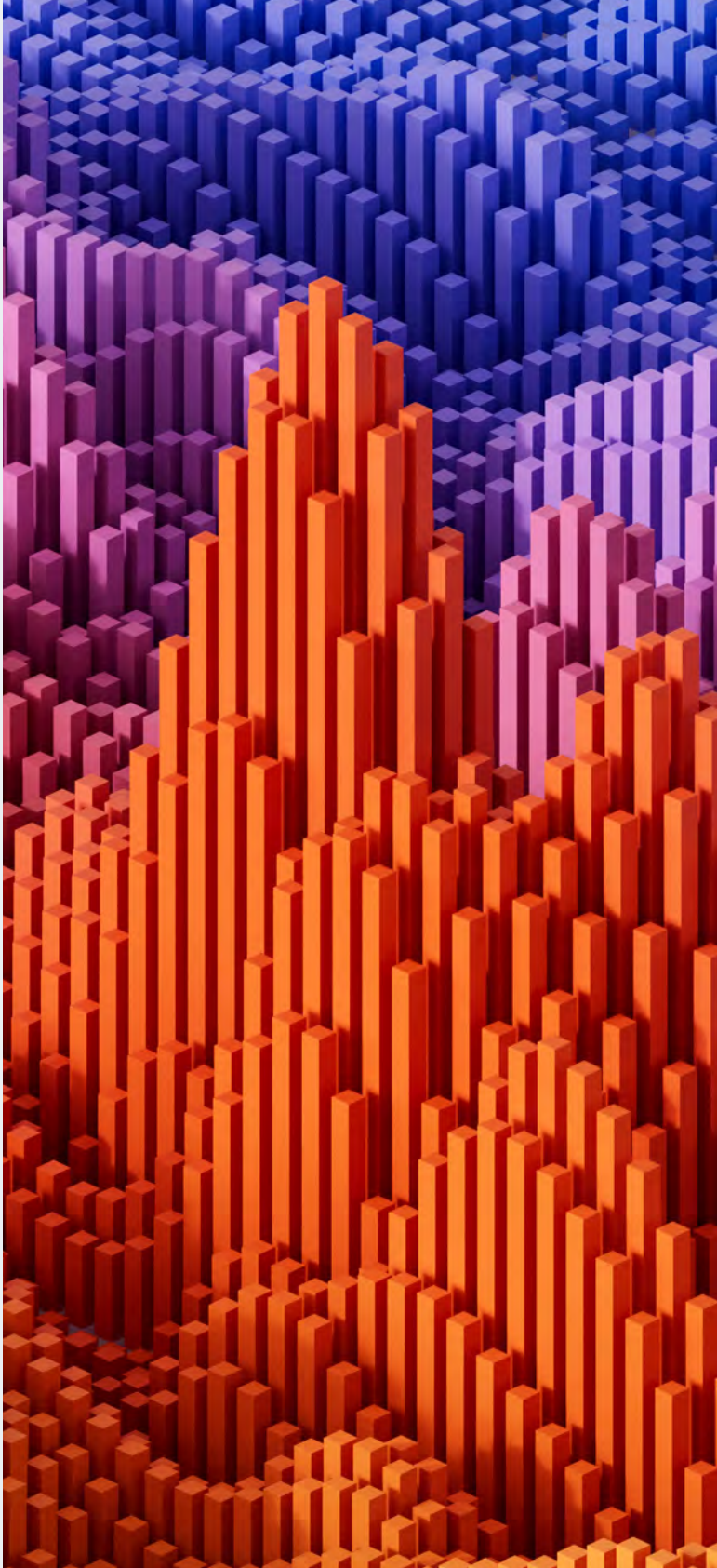
This explosion of data, accelerated by Gen AI, data sprawl and fragmentation, is fueling a growing threat landscape. Bad actors are using AI to create and improve upon malware like ransomware at an alarming scale and with greater sophistication. As a result, critical data businesses is at greater risk than ever.

Achieve Always on, Always Protected Data and Operations

At Hitachi Vantara, we take a proactive approach to safeguarding our customers' data. There are over 30 years of experience and more than 4,000 industry-leading patents in system engineering and support embedded in every Hitachi storage system, and our Virtual Storage Platform One offers a 100% data availability guarantee that critical data will always be accessible.

However, building a truly secure data environment requires a holistic and comprehensive plan. Success relies on organizations getting everyone on board to create a strong security culture with well-defined policies and procedures. Topics that must be considered include:

- **Data Governance:** Establish clear policies and procedures for data classification, access control and usage to ensure responsible data management practices.
- **Security Awareness:** Foster a culture of cybersecurity awareness through regular training programs, and empowering employees to identify and report suspicious activities.
- **Vulnerability Management:** Proactively identify and address vulnerabilities in systems and applications through regular assessments and patching.
- **Incident Response:** Develop and implement a comprehensive incident response plan to effectively respond to security breaches and minimize damage.
- **Continuous Monitoring and Improvement:** Continuously scrutinize your security posture to identify emerging threats and adapt strategies to maintain a proactive defense.



Although 80% of C-level leaders in ESG's research identify "ransomware preparedness" as a top-five business priority, many fail to implement advanced data protection measures that could halt or at least mitigate the damage caused by a ransomware attack.

7-Layer Defense. One Trusted Partner.

Why Hitachi Vantara?

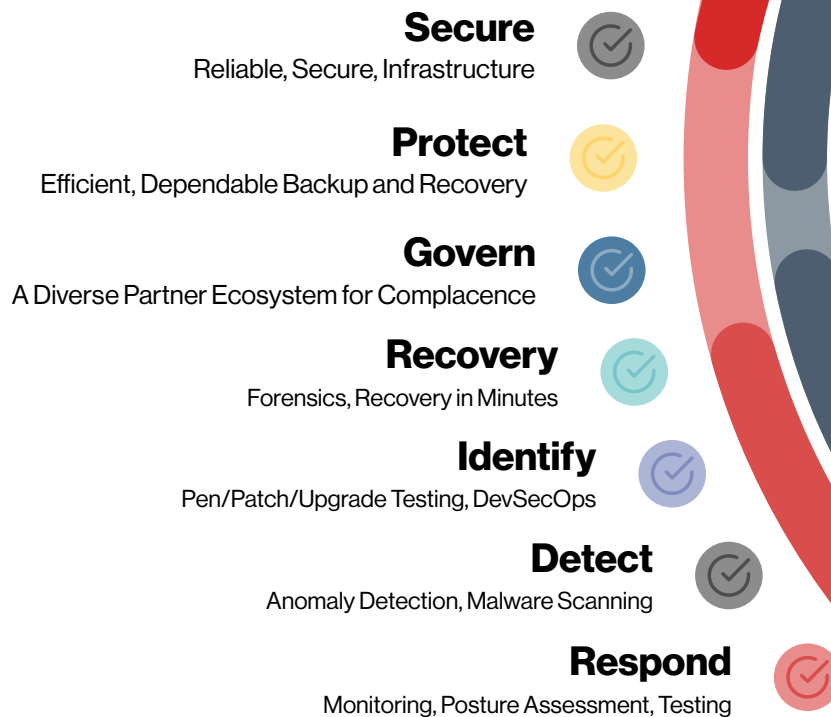
We help organizations of all sizes and across all industries confidently address the threats from today's cyber criminals and offer a proactive defense for an ever-evolving technology landscape.

Modern data protection techniques can provide multifaceted protection against cyber and ransomware attacks. Hitachi Vantara's 7-point defense-in-depth integration, spanning hardware, software and services, delivers immutable safeguards, operational resilience and compliance without the overwhelming complexity found in other solutions.

The Hitachi Advantage

- Single vendor support with guaranteed service levels
- Applications and all data protection from edge-core-cloud
- The only 100% data availability guarantee in the [market](#)
- Automated and accelerated recovery with [the world's fastest recovery](#) for VM and bare metal environments
- Simplified copy data management
- Reduced spend on backup software, infrastructure, media

Hitachi's 7-Point Defense-In-Depth Integration



7-Layer Defense. One Trusted Partner.

A Legacy of Safeguarding the Enterprise

Hitachi Vantara has decades of IT experience. Our security group has a 25-year history, and our parent company, Hitachi Ltd., has 50+ years of IT and OT experience.

A venerable and proven track record have earned us the privilege to be a trusted partner to some of the world's largest and most forward-thinking organizations. We have the technology, people and processes necessary to identify security gaps and implement solutions where needed.



The Hitachi Vantara Checklist: Getting Started

- ✓ Assess your needs (all-in or a la carte)
- ✓ Start with a goal of operational resilience
- ✓ Look for consolidation opportunities
- ✓ Improve the efficiency of backup and accelerate recovery
- ✓ Fortify defenses (reactive → proactive)
- ✓ Look to your trusted allies for aid
- ✓ Test, practice, adapt

Click here to learn how we can help you build an unbreakable data infrastructure powered by Hitachi Vantara's technology.

[Learn more →](#)

*Gartner, Market Guide for Hybrid Cloud Storage, Julia Palmer, Chandra Mukhyala, 6 March 2024. GARTNER is a registered trademark and service mark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and is used herein with permission. All rights reserved.

About Hitachi Vantara

Hitachi Vantara is transforming the way data fuels innovation. A wholly owned subsidiary of Hitachi, Ltd., we're the data foundation the world's leading innovators rely on. Through data storage, infrastructure systems, cloud management and digital expertise, we build the foundation for sustainable business growth.



Corporate Headquarters
2535 Augustine Drive
Santa Clara, CA 95054 USA
hitachivantara.com | community.hitachivantara.com

Contact Information
USA: 1-800-446-0744
Global: 1-858-547-4526
hitachivantara.com/contact

© Hitachi Vantara LLC 2024. All Rights Reserved. HITACHI and Pentaho are trademarks or registered trademarks of Hitachi, Ltd. All other trademarks, service marks and company names are properties of their respective owners.

HV-BTD-SP-Data-Resiliency-15May25-A