Hitachi Vantara

eBook

Buyer's Guide for Cyber-Resilient Data Infrastructure

Recommendations for mitigating cyber threats and attacks

Why Cyber Resilience Matters

Enterprise businesses face a rapidly evolving cyber threat landscape, where cyber attacks, especially ransomware, pose significant risks to operations, reputations and compliance.

Headlines frequently highlight organizations disrupted by attacks that result in irrecoverable data loss, costly recovery efforts and lengthy service outages.

Cyber disruptions and compliance lapses can cost millions per event, with Statistica forecasting that cybercrime costs impacting businesses could reach as high as $15.63 trillion by 2029[1].

Hitachi Vantara offers complete solutions that guarantee data availability and cyber resiliency to help businesses overcome their cyber challenges.

Our solutions enable instant data protection with 30-second data and 10-second virtual machine recovery, while reducing data infrastructure total cost of ownership (TCO) by 20% for block, file and object workloads.

For buyers evaluating data infrastructure with cyber resilience, it's essential to prioritize solutions that ensure continuous data availability and rapid, clean data recovery.

[1] Statista. (2024). Estimated cost of cybercrime worldwide from 2018 to 2029.

Table of Contents

Why Cyber Resilience?

The traditional risks that businesses face have grown, with today's businesses facing modern risks from cybercrimes.

Almost daily, news breaks of yet another organization held hostage by a ransomware attack that threatens reputational damage, productivity disruption, costly recovery, data loss and compliance lapses. Service uptime is key to customer trust and a competitive advantage for many businesses.

The potential damage of a cyber attack ranges from inconvenient for those who are well prepared to devastating for those who are not, so every business must become and remain cyber resilient.

1

Evolving AI-powered threats

AI is transforming everything, including emerging cyber threats.

2

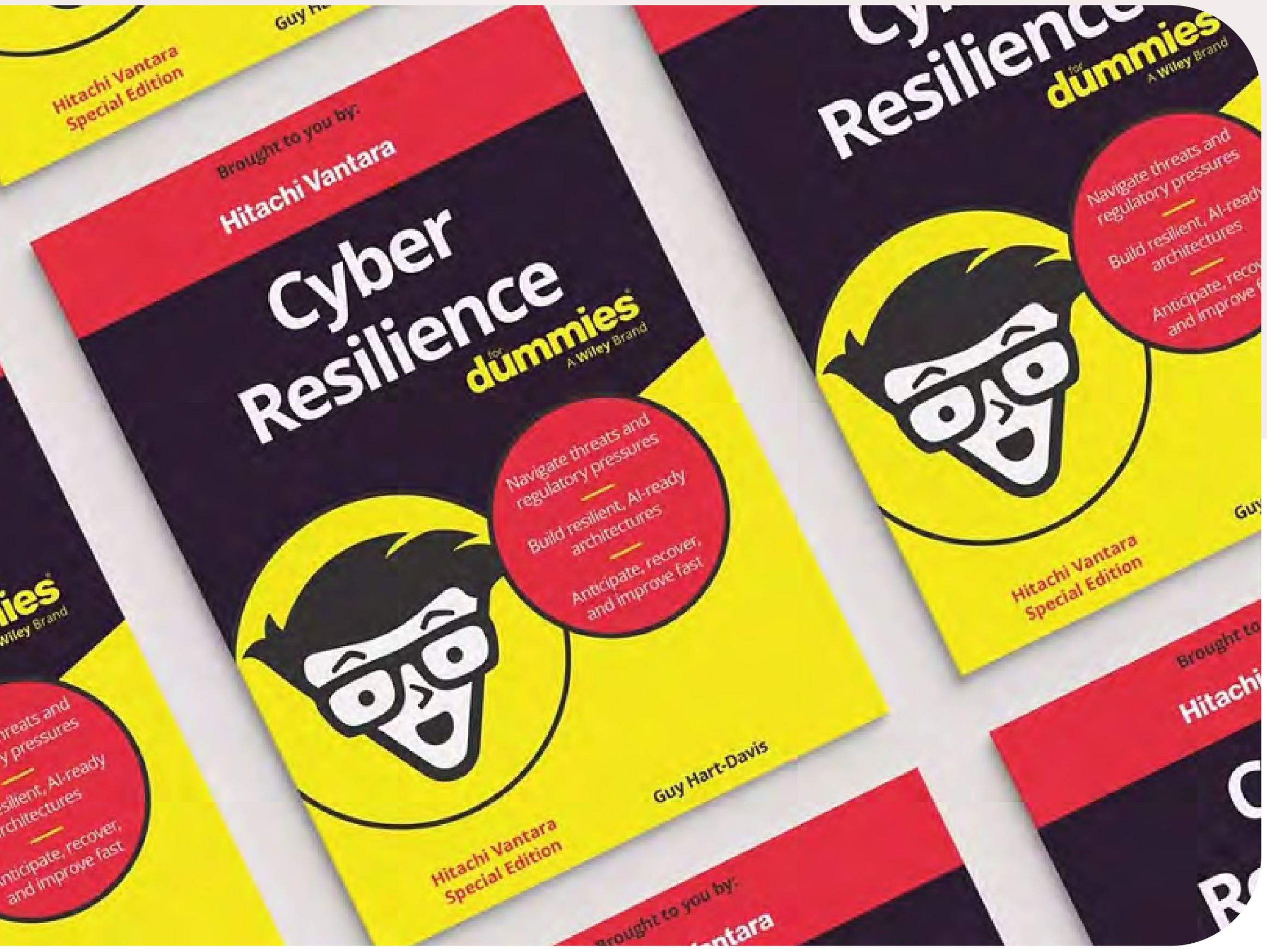
Accelerating attack frequency

Technology is helping bad actors to scale and automate attacks.

3

Expanding compliance risk

Governments and industries are mandating cybersecurity.



Ten Steps to Cyber Resilience

1. **Grasp** regulations and compliance requirements.
2. **Prioritize** business-critical data.
3. **Identify** risks and gaps.
4. **Create** a backup plan.
5. **Protect** your backup environment.
6. **Test and refine** your recovery process.
7. **Embed** security and compliance into development.
8. **Make** your employees a security asset.
9. **Monitor** your systems and data.
10. **Drive** continuous improvement.

See the Hitachi Vantara Cyber Resilience for Dummies eBook for details.

Learn more →

Buying Criteria for Data Infrastructure

How can businesses know they are purchasing the right infrastructure for cyber resilience when so many options are available? Choosing purpose-built cyber resilience solutions with end-to-end cybersecurity and data protection is the key to achieving success.

Focus on cyber resilience solutions that enable Minimum Viable Company (MVC) strategies. Together, these strategies and solutions can reliably maintain mission- and business-critical operations and rapidly restore them when a cyber attack occurs.

Of course, don't overlook other essentials.

Businesses need infrastructure that delivers guaranteed data availability and adds cyber resilience. They need accurate ransomware corruption detection and data copy management, with near-instant clean data recovery from resilient zones that offer built-in orchestration and compliance, and more.

Cyber Resilience Checklist

- Purpose-built solutions
- Guaranteed data availability
- Guaranteed cyber resilience
- Accurate ransomware detection
- Instant protection
- Near-instant recovery
- Resiliency zones
- Remote replication
- Immutable snapshots
- Orchestration and compliance

Simplify Cyber Resilience With Hitachi Vantara

Mitigate business risks and cyber threats with cyber resilience solutions that ensure guaranteed outcomes.

Hitachi Vantara cyber resilience solutions, powered by Hitachi Virtual Storage Platform One (VSP One), offer the modern cyber storage capabilities needed to enhance cybersecurity.

These solutions improve cyber resilience by:

- Hardening infrastructure against cyber risks.
- Continuously defending against cyber threats.
- Proactively detecting ransomware corruption.
- Minimizing the business impact of cyber attacks.
- Recovering data and virtual machines in seconds.

Businesses can optimize their service-level agreements (SLAs), TCO and ROI with Hitachi Vantara cyber resilience solutions and achieve guaranteed outcomes on new and existing infrastructure.

Strategy Recommendations

Protect your business with the right cyber resilience solutions.

1. **Adopt the Minimum Viable Company concept.**
   When disaster strikes, prioritize mission-critical systems recovery followed by a business-critical systems recovery as a best practice.

2. **Automate cyber resilience operations.**
   Streamline infrastructure operations with intelligent solutions purpose-built for cyber resilience.

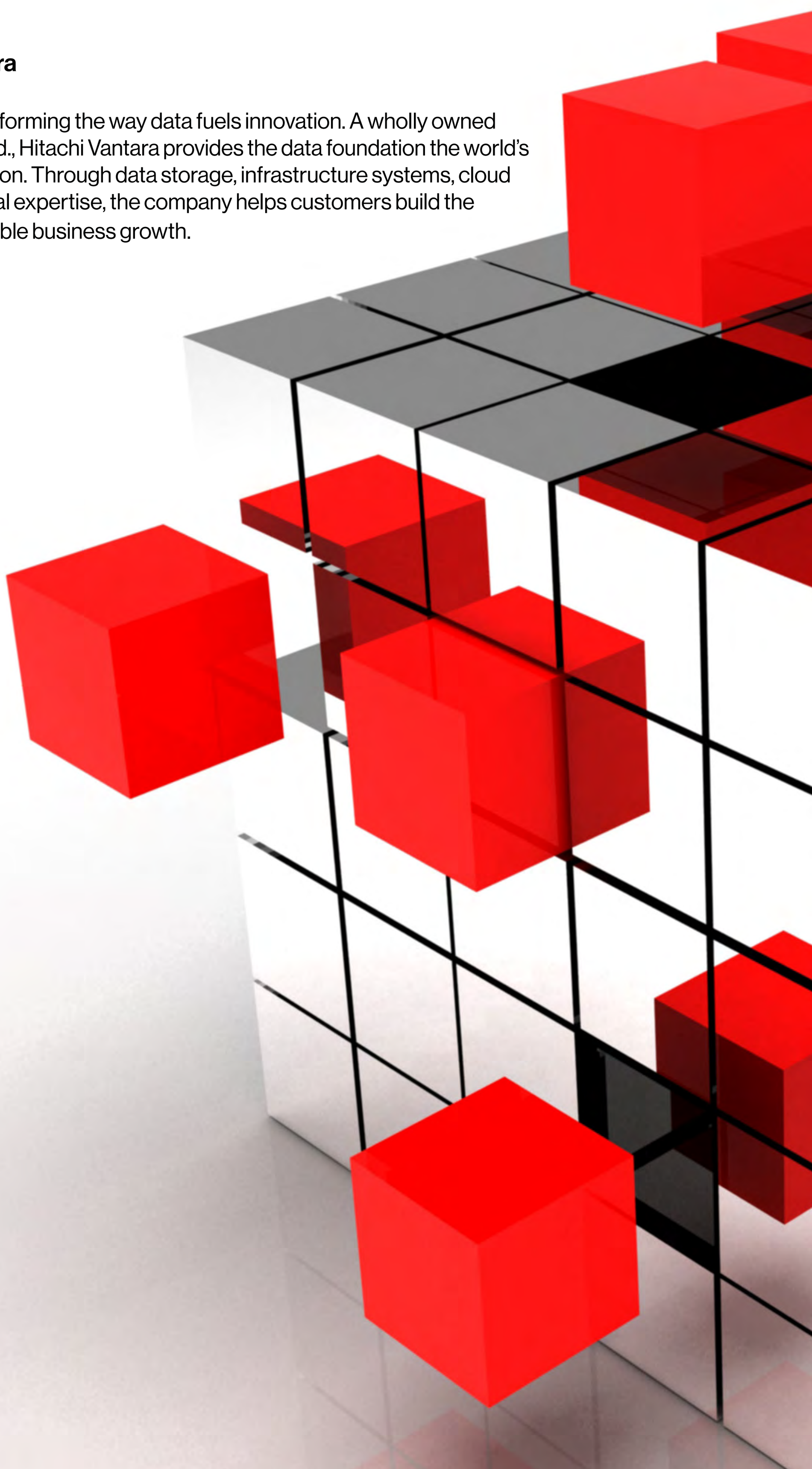
3. **Achieve near-zero recovery times.**
   Choose a cyber resilience solution that minimizes downtime by recovering data and virtual machines in seconds.

Learn more →

Hitachi Vantara

About Hitachi Vantara

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



HV-BTD-EB-Cyber-Resilience-Buyer-Guide-Nov1425-A

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