

SOLUTION BRIEF

# Overcome Risks of Ransomware With Hitachi Content Platform Portfolio

Object Storage Offers Immutable Storage for Reliable Ransomware Recovery

## 68% of organizations were infected

by ransomware in 2021, up from 66% in 2020. Nearly two-thirds of those organizations were hit by three separate ransomware infections, while nearly 15% of those experienced more than 10 separate ransomware infections.<sup>1</sup>

## 20 ransomware attacks

are attempted every second.<sup>2</sup>

**Ransomware costs averaged \$4.62 million in 2021**, with mega-breaches costing as much as 100 times higher, with the average ransomware payment at \$570,000 in the first half of 2021, up from \$312,000. To make matters worse, of those who paid the initial ransom, 32% had to make an additional ransom payment to regain access to their data/systems.<sup>3,4,5</sup>



With these attacks expected to grow both in frequency and in their level of complexity, ransomware is a problem organizations cannot afford to ignore.

1 <https://www.proofpoint.com/us/resources/threat-reports/state-of-phish>

2 <https://www.techtarget.com/searchsecurity/news/252513538/SonicWall-Ransomware-attacks-increased-105-in-2021>

3 <https://www.mimecast.com/blog/the-biggest-ransomware-attacks-of-2021/#:~:text=Ransomware%20damages%20like%20these%20averaged,Unit%2042%20threat%20intelligence%20group>

4 <https://www.proofpoint.com/us/resources/threat-reports/state-of-phish>

5 All monetary figures in this solution profile are reported in US dollars unless otherwise specified.

## Sophisticated Ransomware Attacks and Complex IT Environments Leave More Data at Risk

Organizations and their data are under constant threat. Increasingly complex IT landscapes combined with a growing and evolving list of security risks have made the job of protecting the enterprise a challenging one. And now, the re-emergence of an old threat has quickly escalated into a problem that organizations of all sizes and across all industries must contend with. An effective ransomware strategy is required (see Figure 1).

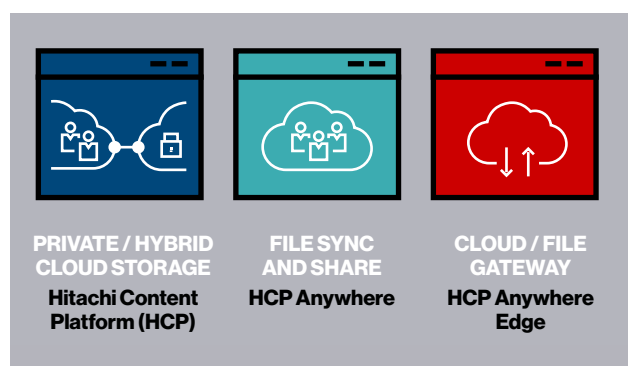


Figure 1: Object storage and enterprise file sync and share may not immediately come to mind when thinking of an effective ransomware strategy. But together, they have many of the ideal capabilities that allow for the protection of the most valuable organizational and user data.

## Protect Your Data Center and Recover Quickly With Hitachi Content Platform Portfolio

From top to bottom, the Hitachi Content Platform (HCP) portfolio offers organizations of all sizes a solution that secures their entire data center. Hitachi Content Platform is one of the most secure object stores in the industry, and its versioning capabilities enrich and complement any existing ransomware strategy. Hitachi Content Platform Anywhere (HCP Anywhere) extends these capabilities to remote and branch offices, as well as end-user devices. It provides enterprise file synchronization capabilities, which protect a site's or user's data, to keep your business running. These products not only enable a secure, mobile, IT environment, but they also protect data in the data center, across remote and branch offices, and even employee endpoint data located outside the corporate firewall.

## The Power of the HCP Portfolio in the Fight Against Ransomware

### Maintain Business Continuity

Leverage HCP's versioning capabilities to access the most recent version of any file in the event your organization is the victim of a ransomware attack.

**Keep your business running smoothly.**

### Protect Valuable User Data

HCP Anywhere's EFSS capabilities limit data loss in the event of a ransomware attack, by rolling back to the latest version of any file. End users are not limited to the version linked with the latest backup.

**Protect your end users' most frequently used data.**

### Keep Users Mobile, and Their Data Off Limits

In the event of a ransomware attack, keep your employees working. HCP Anywhere allows employees to continue to access their most frequently used data, from any web browser or mobile device.

**Eliminate lost employee productivity.**

### An Extra Level of Security for User Data

For less-critical, frequently used data, HCP Anywhere can also back up any folder, even if it's not located in HCP Anywhere, delivering an extra level of security.

**Keep all data accessible and protected.**

### Extend Protection to Remote or Branch Offices

HCP Anywhere edge file services deliver centralized data protection management and reporting across all of the different places where file services are delivered. To users and applications, HCP Anywhere looks like a traditional file server, but it actually connects to HCP for added storage and data protection, leaving administrators confident that their files are secure.

**Ensure data protection at the edge.**

## Overcome Risks of Ransomware With Hitachi Content Platform Portfolio

### Hitachi Content Platform Portfolio

- Includes HCP, one of the most secure object stores in the industry. These same HCP capabilities can be used as a complement to conventional ransomware strategies.
- Provides versioning capabilities in HCP that can maintain business continuity and prevent the loss valuable time, work and money by accessing the last clean version of any corrupted file.
- Extends this same protection to those remote and branch workplaces with HCP Anywhere edge file services.
- Includes file sync and share, enterprise data mobilization, user data protection, and content management and governance capabilities in HCP Anywhere, making it the ideal ally for your employee user data.

**“HCP is a mature product with competitive security features, including robust multitenancy and built-in encryption. It offers native WORM support, data destruction and digital signatures to ensure secure information life-cycle management.”**

Gartner Group  
(March 2016)

### Why Hitachi Vantara

The Hitachi Content Platform enables organizations to properly manage, govern, protect and share data so that they can improve productivity, gain efficiency and further their transformation of IT. HCP object storage is more than just a compliant archive and cloud storage platform. It is a solution to challenges organizations face every day.

For example, does your organization struggle to empower an increasingly mobile workforce, unify diverse data for greater insight to drive your business, and ensure compliance with ever-changing regulations? Are you facing challenges in storing and protecting large amounts of data, securely incorporating hybrid cloud, and even how to deliver differentiate cloud storage services? If so, HCP can help.

HCP modernizes file storage with support for traditional (CIFS, SMB and NFS) and cloud (Amazon S3 and REST) protocols. It also supports integrated cloud gateways, such as Hitachi Content Platform Anywhere edge file services, for remote and branch offices. And, with HCP Anywhere, HCP offers an integrated mobility solution for managing collaboration and end-user data protection.

### Next Steps

[Learn](#) more about HCP Anywhere.

[Read](#) an independent evaluation of HCP Anywhere.

[Watch](#) a demonstration of HCP Anywhere.

[Read](#) about customer experiences with HCP Anywhere.

[Try](#) HCP Anywhere.

### ABOUT HITACHI VANTARA

Hitachi Vantara, a wholly-owned subsidiary of Hitachi Ltd., delivers the intelligent data platforms, infrastructure systems, and digital expertise that supports more than 80% of the fortune 100. To learn how Hitachi Vantara turns businesses from data-rich to data-driven through agile digital processes, products, and experiences, visit [hitachivantara.com](http://hitachivantara.com).

### Lab Guide



Take advantage of best-of-breed data protection technologies to avoid the pains of ransomware. Learn more about data protection with Hitachi Content Platform Anywhere (HCP Anywhere).

### Hitachi Vantara



**Corporate Headquarters**  
2535 Augustine Drive  
Santa Clara, CA 95054 USA  
[hitachivantara.com](http://hitachivantara.com) | [community.hitachivantara.com](http://community.hitachivantara.com)

**Contact Information**  
USA: 1-800-446-0744  
Global: 1-858-547-4526  
[hitachivantara.com/contact](http://hitachivantara.com/contact)

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