



“We opted for the Hitachi NAS Platform 3100 and Hitachi Adaptable Modular Storage 500, which currently handles up to 65TB of data for us.”

*Senthil Kumar Ramanujam  
 Senior Manager IT and Networks  
 K7 Computing*

## K7 Computing

---

**INDUSTRY** Information Technology

---

**SOLUTIONS** *Storage Management, Modular Platform*  
**Hardware** — Hitachi NAS Platform 3100, powered by BlueArc®, and Hitachi Adaptable Modular Storage 500



## K7 Computing Simplifies Data Storage Management with Hitachi Modular Storage Solution

K7 Computing is an information security software solutions company. Its teams work simultaneously on multiple huge files, which are accessed from many servers. This complicates the work process and affects the speed of the work. To address these issues, the company opted for a storage solution built on Hitachi NAS Platform, powered by BlueArc®, and Hitachi Adaptable Modular Storage 500. K7 Computing now has more storage space, which can be easily scaled up to meet future challenges, and has experienced an increase in overall performance.

The flagship product of K7 Computing is K7 TotalSecurity, which includes a firewall, antivirus, anti-spam, anti-spyware, privacy control and system monitor to protect individuals and organizations from IT threats like viruses, malware, spyware and other potential hacker attacks. Founded in 1991, the company has in the past few years created Virus Security, which has done exceedingly well in Japan.

K7 Computing's teams work on information security threats, which include viruses, Trojans and various other types of malware. The teams handle virus analysis and process related information, which typically involves a huge number of files and massive data file sizes. They often work with terabytes of data.

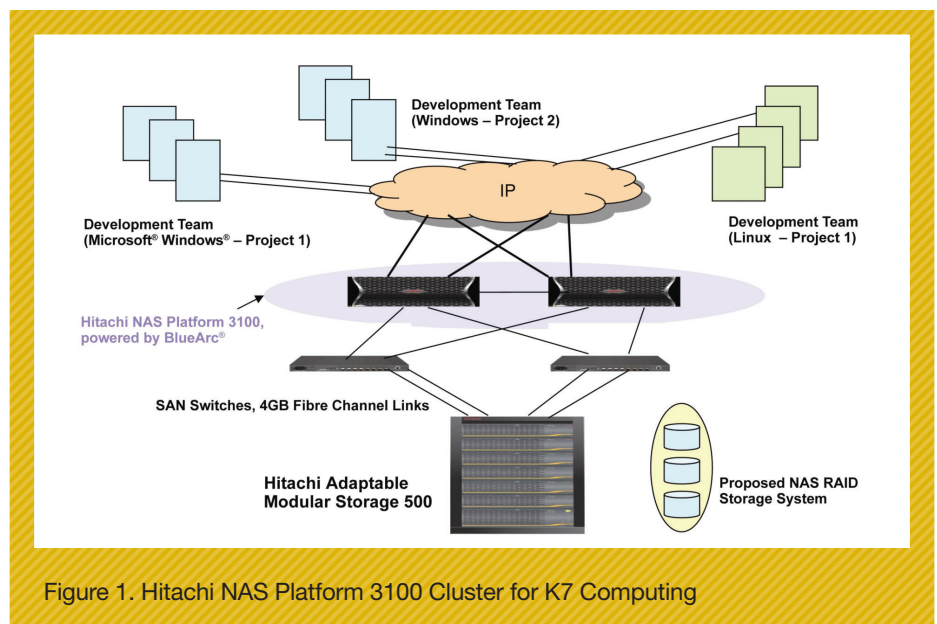


Figure 1. Hitachi NAS Platform 3100 Cluster for K7 Computing



"With intelligence built on the hardware, rather than through software on a layer above, Hitachi brings much faster performance, when compared to other solutions."

*J Kesavardhanan  
CEO and Managing Director  
K7 Computing*

The IT infrastructure setup at K7 Computing stored these files across many servers, which meant that a person would often need to be accessing several servers at a time. This not only made the process of work complex, but it also impacted the speed and security of the work involved.

### Choosing Built-in Intelligence

K7 Computing looked for various options for a centralized solution to manage this challenge. “We found the architecture of Hitachi storage solutions to be different from others,” recalls CEO and Managing Director of K7 Computing, J Kesavardhanan. “With intelligence built on the hardware, rather than through software on a layer above, Hitachi brings much faster performance, when compared to other solutions,” he says.

“We opted for the NAS Platform 3100 and Hitachi Adaptable Modular Storage 500, which currently handles up to 65TB of data for us,” says Senior Manager of IT and Networks at K7 Computing, Senthil Kumar Ramanujam. This has been deployed as a cluster using two boxes to ensure high availability of the data. The deployment was completed in early 2009.

### Counting the Benefits

#### Increased Storage Capacity and Scalability

K7 Computing now has more storage space, which can be easily scaled up as the requirements grow.

#### Improved Processing Speeds and Increased Productivity

The overall storage performance also has increased. Now that the teams access the data from a centralized storage setup, the input and output speeds have increased significantly. This has simplified the work process also. Access time to files, which used to be very long in the older setup, has been reduced considerably. This automatically leads to enhanced productivity.

#### High Availability

With the solution deployed as a cluster of two controllers, the data is always available. If one controller fails for some reason, the other one takes over. So business operations are not impacted at all.

 **Hitachi Data Systems Corporation**

---

**Corporate Headquarters**

750 Central Expressway  
Santa Clara, California 95050-2627 USA  
[www.hds.com](http://www.hds.com)

**Regional Contact Information**

**Americas:** +1 408 970 1000 or [info@hds.com](mailto:info@hds.com)  
**Europe, Middle East and Africa:** +44 (0) 1753 618000 or [info.emea@hds.com](mailto:info.emea@hds.com)  
**Asia Pacific:** +852 3189 7900 or [hds.marketing.apac@hds.com](mailto:hds.marketing.apac@hds.com)

Hitachi is a registered trademark of Hitachi, Ltd., and/or its affiliates in the United States and other countries. Hitachi Data Systems is a registered trademark and service mark of Hitachi, Ltd., in the United States and other countries.

All other trademarks, service marks and company names in this document or website are properties of their respective owners.

Notice: This document is for informational purposes only, and does not set forth any warranty, expressed or implied, concerning any equipment or service offered or to be offered by Hitachi Data Systems Corporation.

© Hitachi Data Systems Corporation 2010. All Rights Reserved. SS-224-B DG December 2010