

FOR IMMEDIATE RELEASE

Hitachi Strengthens WAN Accelerator Family Lineup

*- Approximately 26 Times Faster Remote Backup of
Large-Volume Data Between Data Centers -*



Hitachi WAN Accelerator Remote Backup Model

Tokyo, Japan, November 15, 2012 – Hitachi, Ltd. (TSE: 6501) today announced that it will strengthen its Hitachi WAN Accelerator Family lineup which dramatically increases the speed of data transfer among multiple corporate sites. As the first step, on November 19, 2012, Hitachi will begin selling the newly added Hitachi WAN Accelerator Remote Backup Model (hereinafter “Remote Backup Model”) that allows high-speed backup between data centers for domestic and overseas telecommunications providers, data center operators, cloud computer service providers and other customers handling so-called “big data.”

The Remote Backup Model can transfer 1 terabyte (TB) of data up to 26 times faster^{*1} than when this product is not used, by improving the transfer performance^{*2} of a TCP session^{*3}. This speed enhancement will facilitate high-speed backup of large volumes of data between data centers

The Hitachi WAN Accelerator Family uses an proprietary Hitachi algorithm to measure the packet loss ratio as well as its fluctuation, and in real time estimates the available WAN bandwidth and optimizes the data transfer speed. To achieve high-speed data communication, it maximizes the use of physical WAN bandwidth. Hitachi is targeting the Hitachi WAN Accelerator High-end Model (hereinafter “High-end Model”) at companies that are expanding their businesses globally. This product will dramatically increase the transfer speeds of large volumes of data between distant locations such as between overseas bases. The High-end Model yields productivity gains for

companies by increasing the sharing speed for frequently updated data, such as CAD (Computer-Aided Design) data over long-distances.

The Remote Backup Model that Hitachi has announced will increase the data transfer time from 300 Mbps^{*4} hitherto to 1 Gbps, enabling high-speed backup of large-volume data between data centers.

Data stored in data centers is growing exponentially year after year. Moreover, advances in cloud computing are encouraging more companies to use data centers. As a result, the negative impact of data loss at a data center caused by a major natural disaster or other event is potentially magnified. For these reasons, demand is increasing for sharing and backing up large volumes of data between data centers as a disaster recovery strategy.

However, backing up large volumes of data remotely is difficult because it takes time to transfer data via WANs. This is the reason why data is often backed up and stored within a single data center. In such a case, all data, including the back-up data, could be lost in the event of a disaster.

Hitachi is providing the Remote Backup Model for high-speed backup between data centers in order to provide a solution to the above issue.

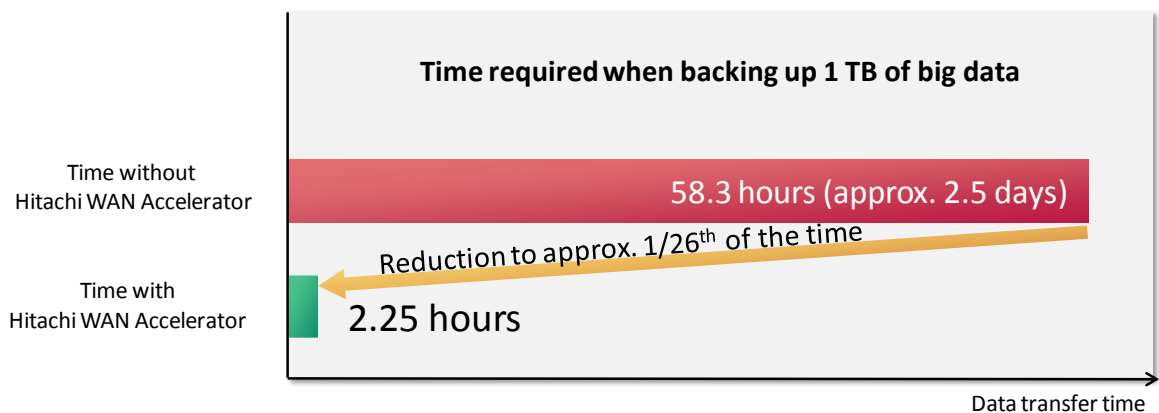
As a second step to augment its product lineup, Hitachi also plans to launch sales of an "Office Model" (tentative naming) for network bandwidth between 10M and 100Mbps in the first half of the fiscal year 2013. This product will facilitate high-speed transfers between data centers and offices, and will enable large volumes of data, such as CAD data, e-commerce data and financial databases at data centers to be quickly accessed from each remote site.

With the Remote Backup Model for handling large volumes of data, the existing High-end Model and the planned Office Model, Hitachi is helping to achieve high-speed data transfer that is customized to various applications by continuously strengthening its product lineup.

Features of Hitachi WAN Accelerator Remote Backup Model

(1) Reduces the time to backup large volumes of data

The Remote Backup Model is a model that combines a high-speed transfer processing section and an interface section. The WAN Accelerator function is handled by the high-speed transfer processing section to substantially increase the maximum TCP session performance from 300 Mbps with the existing High-end Model to 1 Gbps with the Remote Backup Model, thereby enabling the remote backup of large volumes of data. This allows faster transfer of large data volumes, and greatly reduces the time required for remote backup between data centers.

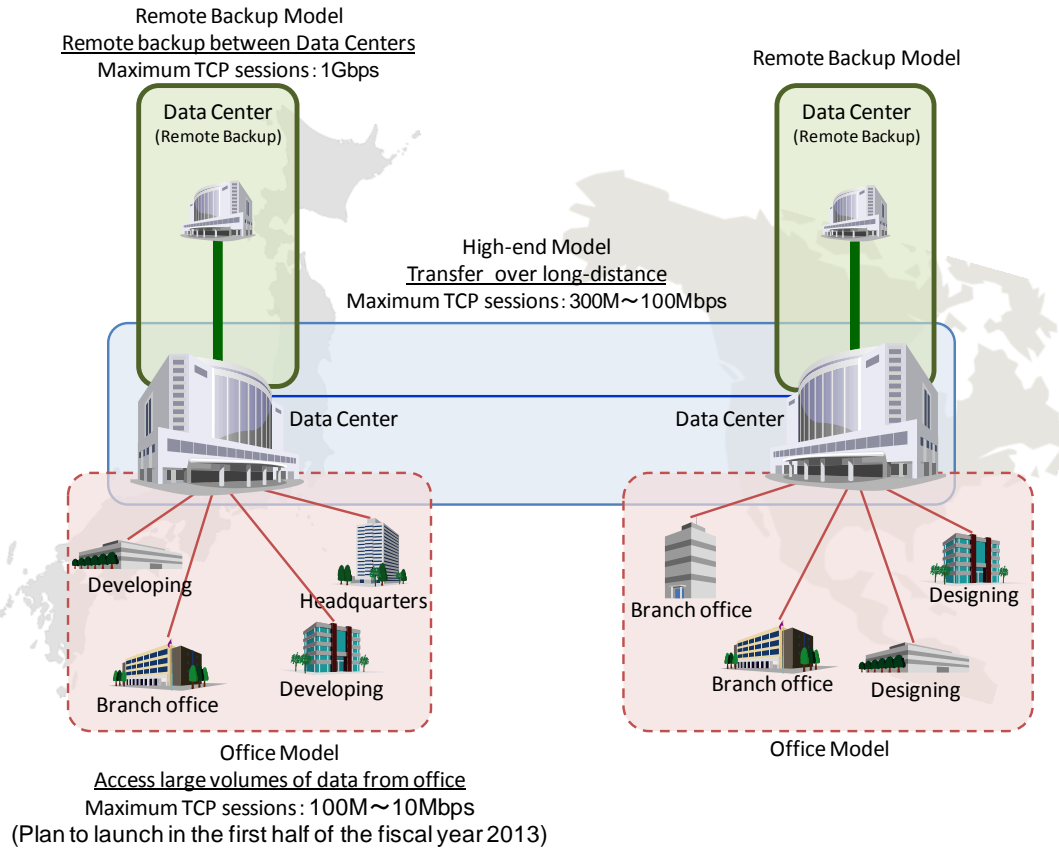


Hitachi WAN Accelerator Remote Backup Model Speed Acceleration (Theoretical value)⁽³⁾

(2) Achieves high-speed and large data volume transfer using wide-area Ethernets

The Hitachi WAN Accelerator Family uses a proprietary Hitachi algorithm to measure the packet loss ratio and estimates the available WAN bandwidth and optimizes data transfer speed in real time. To achieve high-speed data communication, it maximizes the use of physical bandwidth of the WAN line. This allows users of remote backup between data centers to switch from dedicated lines to low-cost wide-area Ethernets with packet loss. It allows high-speed, high-quality remote backup, which in turn allows savings in communication costs.

About the Hitachi WAN Accelerator Family



Price and launch date of the Hitachi WAN Accelerator Family

International model

Product	Model	Outline	Price	Delivery
Hitachi WAN Accelerator Remote Backup model	Remote Backup model	<ul style="list-style-type: none"> • Maximum TCP sessions : 2,000 • Maximum TCP session performance : 1Gbps • Maximum optimized WAN capacity : 1Gbps 	Quotation	April 1, 2013
Hitachi WAN Accelerator High-End model	High-End model (2 slot)	<ul style="list-style-type: none"> • Maximum TCP sessions : 6,000 • Maximum TCP session performance : 300Mbps^{*5} • Maximum optimized WAN capacity : 1Gbps 	Quotation	Now on sale

(Subject to change without notice)

Notes *1: Calculation conditions: (1) Assumes remote backup between Tokyo and Sapporo.

(2) Delay time is calculated based on actual data. (3) Calculation is based on a WAN bandwidth of 1 Gbps. Under certain data transfer conditions, a higher acceleration ratio than the theoretical value is achievable.

*2: Transfer performance: refers to the transfer speed of one session

*3: TCP session: a unit for communication via TCP.

*4: Transfer performance per TCP session for the High-end Model.

*5: The transfer performance of the High-end Model was raised from 100 Mbps to 300 Mbps in April 2012.

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About Hitachi, Ltd.

Hitachi, Ltd. (TSE: 6501), headquartered in Tokyo, Japan, is a leading global electronics company with approximately 320,000 employees worldwide. Fiscal 2011 (ended March 31, 2012) consolidated revenues totaled 9,665 billion yen (\$117.8 billion). Hitachi will focus more than ever on the Social Innovation Business, which includes information and telecommunication systems, power systems, environmental, industrial and transportation systems, and social and urban systems, as well as the sophisticated materials and key devices that support them. For more information on Hitachi, please visit the company's website at <http://www.hitachi.com>.

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