

# News Release

FOR IMMEDIATE RELEASE

## **Begin Sales of the "Global Secure Data Transporter" Providing Safe, High-Speed, and Low-Cost Transport of Design Document Data (CAD, etc.) and Confidential Information to Overseas Offices**

Service Using Data Nullifying Technology with In-house Developed Software and Cloud Services

**Tokyo, July 31, 2017** --- Hitachi Systems Engineering Services, Ltd. ("Hitachi Systems Engineering Services") and Hitachi Systems, Ltd. ("Hitachi Systems"), a wholly owned subsidiary of Hitachi, Ltd. (TSE: 6501), today announced that Hitachi Systems Engineering Services would begin sales of the "Global Secure Data Transporter" (provision scheduled to start in Oct.) in conjunction with Hitachi Systems. This service temporarily nullifies data to transport it safely, rapidly and at a low cost, and is directed at companies that share data, not only among their offices within Japan but globally as well.

This new service allows for confidential information, such as blueprint data for new products, to be shared between domestic and overseas offices via a secure environment in order to facilitate the development of localized products, dispersed development, and similar activities.

The rapid development of economic globalization has also accelerated the expansion of companies into foreign countries, creating many more situations, especially for manufacturing companies where data, such as CAD and other design drawing data or R&D data, must be shared between Japanese design and planning departments and overseas factories, which serve as productions bases, and overseas design departments. Sharing confidential information by transporting it physically requires time and costs, while sending it as an e-mail attachment or via a data sharing server presents security risks such as sending to a wrong e-mail address, interception of e-mail on the network, and information leakage due to hacking. Moreover, there are many cases regarding large amounts of this type of data where, even though the data is encrypted for transport, it takes a great deal of time to upload and download the data to and from the data sharing server. For those reasons, there are many companies that have installed dedicated lines at a high cost, resulting in the necessity for a service that provides safe high-speed data sharing at a low cost.

Against this backdrop, Hitachi Systems Engineering Services is proud to announce, in conjunction with Hitachi Systems, the start of sales of our "Global Secure Data

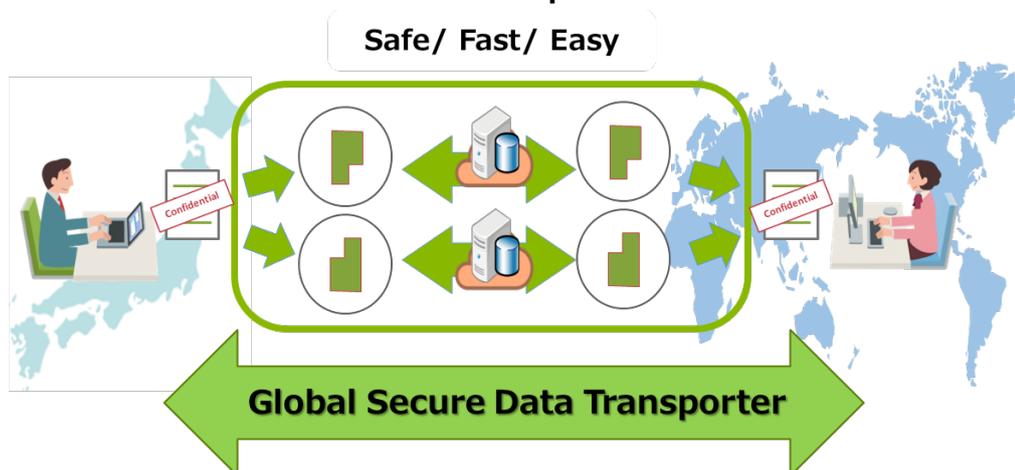
Transporter" that provides the safe high-speed transport of confidential information at a low cost.

This service combines high-speed data transport software, uniquely developed by Hitachi Systems Engineering Services and Hitachi Systems with the public cloud environment and the technology of "ZENMU", a secret-sharing solution from ZenmuTech, Inc. (Representative Director/President: Yoshikazu Taguchi, Head Office: Shinagawa, Tokyo), and consists of temporarily nullifying the confidential data for transport in order to provide high-speed and secure data transport.

Nullifying data is a method that consists of changing data into a series of nonsensical letters, as well as splitting and distributing it into multiple data such that all of this distributed data must be collected in order to restore the data to an understandable form. It differs, then, from troublesome password management and encryption with its risk of being cracked. Split data is not transported via the same transmission path but rather via two or more public cloud environments in order to provide secure high-speed transport of large-capacity data at a low cost, in comparison with the use of dedicated lines. Moreover, transport processing is always secure and efficient because the system automatically retries the transport operation if the transport happens to fail. This allows companies to not only share data such as backup data and confidential information among domestic data centers and with overseas offices at high speed via a secure environment, but also optimize operations and promote work style reform because there is no need to wait until receiving notification that transport has been completed.

Both companies will be working diligently to promote sales of the "Global Secure Data Transporter" with the goal of reaching total sales of 500 million yen by the end of FY2019.

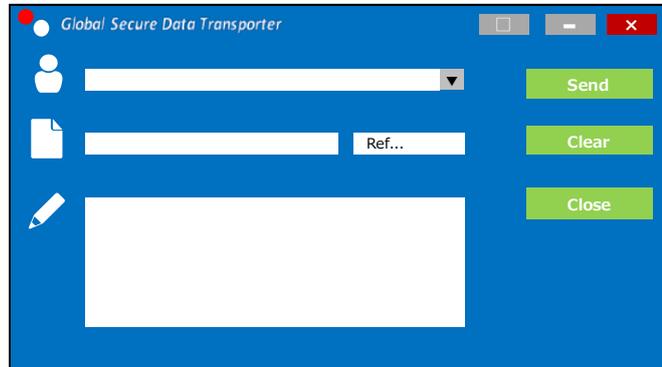
### Overview of the "Global Secure Data Transporter"



## Screenshots of the "Global Secure Data Transporter"

· Menu Screen

· Transport Screen



\* Screenshots are from during development and may therefore differ from the actual product.

### Price

By individual estimate

### Website of the "Global Secure Data Transporter"

<http://www.hitachi-systems-es.co.jp/service/platform/secret-sharing-solution/x-setter/>

### About Secret-Sharing Solution "ZENMU"

"ZENMU" is a solution provided by ZenmuTech, Inc. that uses "secret sharing technology" to nullify data, after which the data is distributed and managed at various locations, and then restored when necessary.

For more details, visit: <https://zenmutech.com/eng/whats>

### About Hitachi Systems Engineering Services, Ltd.

Since its founding in 1970, Hitachi Systems Engineering Services has been providing a wide range of solutions through operations such as systems development and systems design/configuration services, as well as system operations services through which the company will continue to serve as an IT services company with the absolute trust of our customers and one that provides effective IT solutions.

For more details, visit: <http://www.hitachi-systems-es.co.jp/>

### About Hitachi Systems, Ltd.

Hitachi Systems is a leading IT service provider specializing in developing and implementing business systems for customers of diverse sectors and sizes. The Company also operates, monitors and maintains those systems by using a

multi-tiered service infrastructure comprising data centres, network and security operations centres, contact centres, and a nationwide network of around 300 service sites. Hitachi Systems assists customers with their digital transformation needs and works with them in creating new value by delivering unique services that leverage its diverse human capital and advanced IT solutions. It strives to become a global service company that earns the complete trust of customers.

For more details, visit: <https://www.hitachi-systems.com/eng/index.html>

\* ZENMU is a registered trademark of ZenmuTech, Inc.

\* Company names and product names included in this information are the trademarks and registered trademarks of each company.

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