

## **Hitachi Solutions Partners with Wistron ITS to Offer Location Intelligence Solutions** *Release of GeoPDF Solutions for Exporting GIS Data into PDFs for Taiwan Market*

TOKYO, May 25, 2011 — Hitachi Solutions, Ltd. and Wistron Information Technology & Services Corporation (Wistron ITS) today announced they are partnering to offer location intelligence solutions for the Taiwan market. The two companies will release several GeoPDF solutions for the Taiwan market in succession, starting in June 2011. As a launch event, Hitachi Solutions and Wistron ITS invite Mr. Chou, Neng-Chuan, Deputy Director General of Industrial Development Bureau of Ministry of Economic Affairs and hold a joint product release in Taipei on May 25<sup>th</sup> 2011. GeoPDF solutions enable organizations to deliver data administered by geographic information systems (GIS), using the PDF format. By adopting GeoPDF solutions, organizations can easily manipulate geographic information and deliver it to the field, to expand the opportunities for using the information. Crisis management is one field where there is great potential for using GeoPDF solutions.

In Taiwan, GIS are used for crisis management but require specialized knowledge to use. In addition, the large volume of the data limits its use, because of an inability to deliver data to the field. GeoPDF solutions from Hitachi Solutions and Wistron ITS enable organizations to build location intelligence frameworks, so that any user can easily utilize geographic information from anywhere, to propel the use of such information for crisis management.

The solutions are based around TerraGo Product Suites, which is comprised of three solutions for publishing, composing and utilizing GeoPDF files that contain geographic information exported from GIS. Hitachi Solution supplies TerraGo Product Suites, in this case supplying traditional Chinese versions of the software for the Taiwan market as Master reseller in Taiwan. The GeoPDF specification extends the PDF format with GIS functionality, and is currently being reviewed by Open Geospatial Consortium, Inc. (OGC), a GIS standards body, for adoption as a standard. GeoPDF files are as almost as easy to use as common PDF files, enabling the use of geographic information without requiring specialized knowledge.

GeoPDF solutions are increasingly deployed in the field of crisis management, such as in Japan where GeoPDF solutions are greatly simplifying the task of verifying housing damage in areas affected by the Great East Japan Earthquake. For Taiwan market, Hitachi Solutions and Wistron ITS will work with local system integration vendors to promote the GeoPDF solutions jointly. The first wave of the target customers are crisis management related departments in Taiwan government and municipalities.

Corporations possess a great deal of data that contains location information, such as customer information, facilities information and transaction records. By deploying GeoPDF solutions, corporations can effectively utilize these assets for diverse activities, to facilitate field work in areas ranging from insurance and real estate to water and power services, in addition to crisis management.

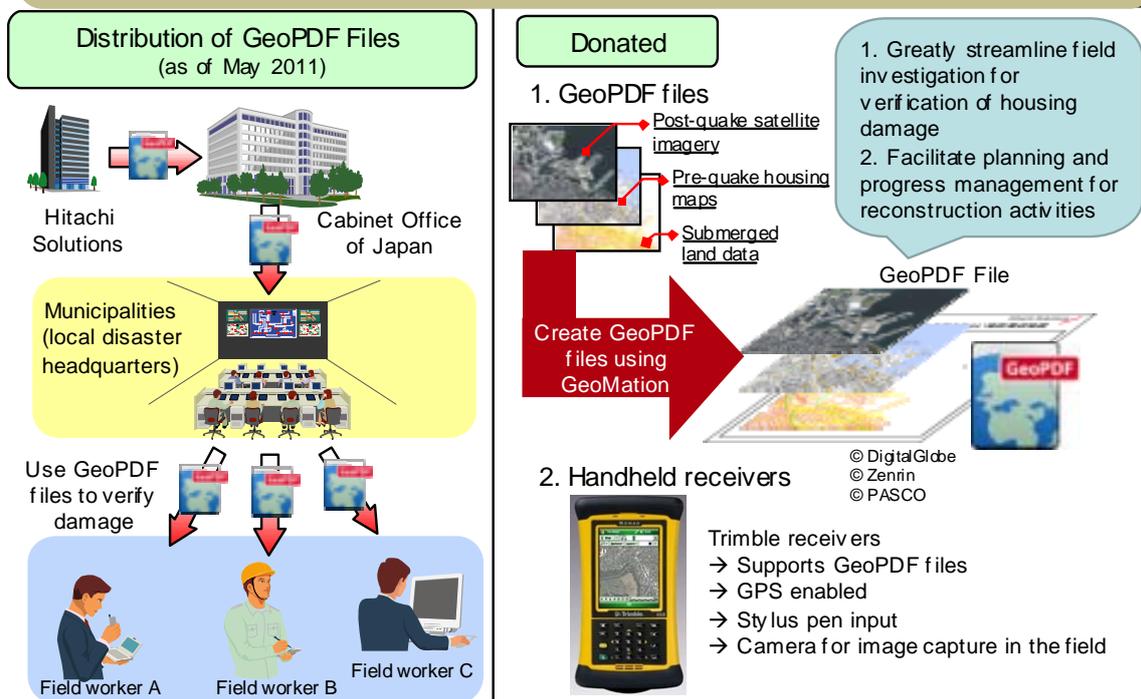
### **Product Suite Features**

Component	Features
Publish	• Output GeoPDF files with layers of GIS location information and attribute data (such as addresses, place names and administration numbers)
	• Output GeoPDF files from image files (GeoTIFF, etc.) that contain geographic information such as satellite imagery and aerial photography
Compose	• Consolidate multiple GeoPDF files to create single GeoPDF files with multiple layers
	• Create indexes in order to manage multiple GeoPDF files, such as for wide area maps
	• Create GeoPDF files with location information, from regular PDF files

Component	Features
Utilize	• Measure distances and areas
	• Add comments, photographs, and audio and video clips
	• Draw polygons, polylines and other shapes
	• Import comments and graphics from .shp, .kml, .kmz and .gpx file formats
	• Export comments and graphics to .shp and .kml file formats
	• GPS tracking using COM port

## GeoPDF Solutions in Action: Facilitating Reconstruction from the Great East Japan Earthquake

Comparison of residential maps and post-quake satellite imagery to speed up damage verification by affected municipalities  
 Donation of easy-to-use GeoPDF files



\*GeoMation is a geographic information system offered by Hitachi Solutions.

### Release date

Successive releases starting in June 2011

### About GeoPDF Solutions

GeoPDF solutions enable organizations to easily use geographic information without requiring specialized knowledge, by exporting GIS information to a PDF file format. More than 10,000 organizations use GeoPDF, with a core user base in the US, for diverse fields including security, crisis management, map distribution, and resource development and infrastructure maintenance such as by the oil industry.

GeoPDF solutions are developed by TerraGo Technologies of the US. Hitachi Solutions holds the rights to market GeoPDF solutions in 24 countries and regions including Japan, China and Russia.

### About Hitachi Solutions

Hitachi Solutions, Ltd. is a new solutions provider formed from the merger of Hitachi Software Engineering Co., Ltd. and Hitachi Systems & Services, Ltd. on October 1, 2010. Based in

Shinagawa Ward, Tokyo, Hitachi Solutions helps customers find solutions to the business challenges they face, as a comprehensive provider of value-driven services covering the entire IT life cycle—from systems planning to systems integration, operation and maintenance. In addition, Hitachi Solutions provides products and services that offer high added value to customers. In the field of location intelligence, Hitachi Solutions provides satellite imagery services and GIS solutions for the Japanese and global market.

### **About Wistron ITS**

Wistron ITS has headquarters in Taipei, Taiwan and seven other locations in the Asia-Pacific region in Beijing, Dalian, Shanghai, Wuhan, Zhuhai, Guangzhou and Tokyo. As an IT services provider, Wistron ITS offers a service network and services for product globalization, software development and human resources support.

### **About TerraGo Technologies**

TerraGo Technologies delivers software applications that extend the access and application of maps and imagery for mobile field professionals who rely on geospatial information to do their jobs.  
<http://www.terragotech.com/>

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