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TerraGo Announces General Availability of TerraGo Composer

New release for creating GeoPDF-based map books adds dynamic update and editing capability

ATLANTA, GA – August 20, 2009 – TerraGo Technologies®, a leading provider of geospatial collaboration software solutions, announced today the general availability of its TerraGo Composer® version 5 software. The new solution gives organizations the power to easily create, edit and dynamically update digital maps, images and map books leveraging Adobe Acrobat.

“As the demand for greater access to real-time geospatial intelligence continues to increase, organizations struggle to provide portable, actionable data that can serve as the basis for geospatial collaboration,” said Chris Watson, VP of Marketing and Business Development for TerraGo Technologies. “Designed in conjunction with several of our strategic customers, including the Federal Emergency Management Agency (FEMA), this new release provides organizations the ability to dynamically and automatically update field resources with real-time geospatial intelligence to help improve decision making in the field.”

Additional key enhancements available in the new version of TerraGo Composer include:

- More efficient map book updates: Users can now update single GeoPDF tiles in large digital map books without having to rebuild the entire map book, helping to improve the currency of their GIS data and giving users faster access to up-to-the-minute geospatial intelligence.
- Advanced geospatial data collection, editing and sharing: With the new GeoMark Editor feature, mobile/field workers can more easily make spatially tagged notes and comments or create links and attachments on a GeoPDF file. Within the GeoMark window, user attribute data can be included to assist GIS analysts in compliance and data management initiatives. When large volumes of field-collected data are sent in from multiple sources, GIS experts can use the new TerraGo Collaboration Package and TerraGo Composer to sort and present the data for sharing within Enterprise GIS systems.

- ISO/OGC support: Users can output both OGC and ISO 32000 geo-enabled PDFs, while maintaining the robust capabilities of the TerraGo GeoPDF. TerraGo version 5 solutions can now read and write GeoPDF files that adhere to either specification.
- Expanded coordinate system support: TerraGo now supports more than 3,200 coordinate systems and enables users to create custom coordinate systems to suite their specific needs.

TerraGo Composer is an enterprise software solution that enables customers to create unique geospatial applications, such as digital atlases and map books that integrate an organization's own business context and workflow. TerraGo Composer is currently being used by some of the world's leading organizations, including USDA Foreign Agricultural Services, FEMA, United States Army Geospatial Center, United States Army Corps of Engineers, Canadian Department of Defense, WBI Holdings, Lockheed Martin, FM Global Financial Services, and NE Utilities.

TerraGo Composer is also available for ESRI ArcGIS Server environments, as announced in February 2009. To learn more about TerraGo Composer, visit www.terragotech.com/composer.

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About TerraGo Technologies

TerraGo Technologies delivers software applications that extend the access and application of maps and images for non-GIS users and customers. More than 800 organizations, including many defense and intelligence agencies, utility companies, public safety departments, and environmental engineering teams, depend on TerraGo software. The TerraGo Publisher[®] Suite allows organizations to consume and optimize data from any source and create a geo-enabled PDF, also known as a GeoPDF[®]. The TerraGo Collaboration[®] Suite offers desktop, Web-based and mobile software applications that automate geospatial collaboration and information gathering. When used in conjunction with TerraGo Composer[®], customers are able to configure easy-to-use maps and images while embedding relevant business context, forms and workflows. With a strong ecosystem of partners, including Trimble, Adobe, ESRI, ERDAS, Intergraph, BAE Systems and Trimble, millions of professionals use geospatial data that has been enabled by TerraGo in order to be more productive, improve quality and make better decisions. For more information, visit www.terragotech.com.

Interactive, Easy-to-Use Map Books for Field Users

The massive volume of map data and imagery generated by today's spatial information management and GIS applications contains many layers of detailed information. Oftentimes, GIS experts must pull together multiple files and forms of data to adequately represent a geographic area's attributes, such as roads, topography, political boundaries, utility networks, forestation, and a myriad of other data.

In order to make this complex data more relevant and easily consumable for end users, it must be assembled into logical groupings, such as a metropolitan area or disaster zone. These groups of maps are a critical component of many private and public sector endeavors, such as emergency preparedness, asset management, urban planning, natural resource management and public safety, just to name a few.

TerraGo Technologies' Composer suite is the only solution that enables geospatial professionals the ability to create interactive map books and digital atlases that are comprised of multiple geo-registered PDF

maps, known as GeoPDFs. As the industry's most popular geospatial data consumption technology, GeoPDF leverages the Adobe Reader and enables virtually any user access to the complex geospatial data that has been optimized for performance, portability and ease of use.

TerraGo Composer provides a powerful way for GIS professionals to create geo-registered map books and atlases to efficiently and effectively share critical spatial information with non-geospatial experts. These files can be comprised of various forms of data from virtually any source that are integrated to form a comprehensive set of information for first responders, government officials, emergency management personnel, asset managers and any others who need easy access to geospatial data in a format that can be shared and updated.

Delivering Relevant Data for Geospatial Collaboration in the Field

With Composer, GIS professionals can combine multiple maps and images to seamlessly create a digital atlas that provides zooming and panning tools for quick and intuitive navigation. Alternatively, GIS professionals can assemble multiple maps by associating individual map sheets with each other to create a map book. Imagine a grid system of maps pieced together to cover a geographic area. Each block in the grid is connected on all sides by hyperlinks, which makes navigation between map sheets easy and fast. Once created, map books and atlases can be easily distributed to field personnel for geospatial collaboration.

Improving Data Quality and Currency

Because the process of creating user-friendly map books and atlases is an automated process, field personnel can receive accurate map data fast. The data is easy to share and update electronically, resulting in a more efficient way of maintaining the currency of the source GIS data.

TerraGo Composer Highlights

- Automated map book and atlas creation saves time, reduces errors and increases usability
- Programmatic indexing within map books creates an overview index with adjacency hyperlinks and bookmarks to individual map sheets
- Batch geo-registration of existing PDF maps to GeoPDF format readies maps for easy field use and collaboration

Composer Features

- Convert any PDF-based map to a geo-registered GeoPDF file
- Create an overview index map with hyperlinks and bookmarks for fast and easy access to detailed data
- Easily navigate with adjacency hyperlinks across map sheets
- Create custom applications that interact with GeoPDF files via geospatially-enabled JavaScript
- Assemble maps from multiple sources into one GeoPDF
- Incorporate many files into one map for a better user experience
- Empower end users to mark up maps and collaborate with data

- Convert existing PDF map files to GeoPDF format with batch geo-registration