



Interactive Map Books for Field Personnel

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. 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 Adobe Reader and enables virtually any user access to the complex geospatial data.

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 types of data from virtually any source, which are

then integrated to form a comprehensive set of information for first responders, government officials, emergency management personnel, asset managers and others who need easy access to geospatial data in a format that can be shared and updated.

Delivering Relevant Data for Geospatial Collaboration

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 with Composer, 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

About TerraGo Technologies

*TerraGo Technologies delivers software applications that empower geospatial collaboration for enterprises that rely on maps, images and related location-based information. More than 700 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 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.***