

# GeoRover® RPF Tools Extension

## **SPEED AND FLEXIBILITY DELIVERED**

### **Customer-focused tools for working with defense map data**

The Leidos GeoRover® RPF Tools extension works with defense map and image data in the commercial Esri® ArcGIS® for Desktop software. The extension loads into the ArcMap™ application and will function in any level of licensing (Basic, Standard, or Advanced). These tools provide the capability to create map indexes from any file-based source of raster product format (RPF) data and view the index within the ArcMap application. Common RPF formats include Enhanced Compressed Raster Graphics (ECRG), Compressed ARC Digitized Raster Graphics (CADRG) and Controlled Image Base® (CIB®).

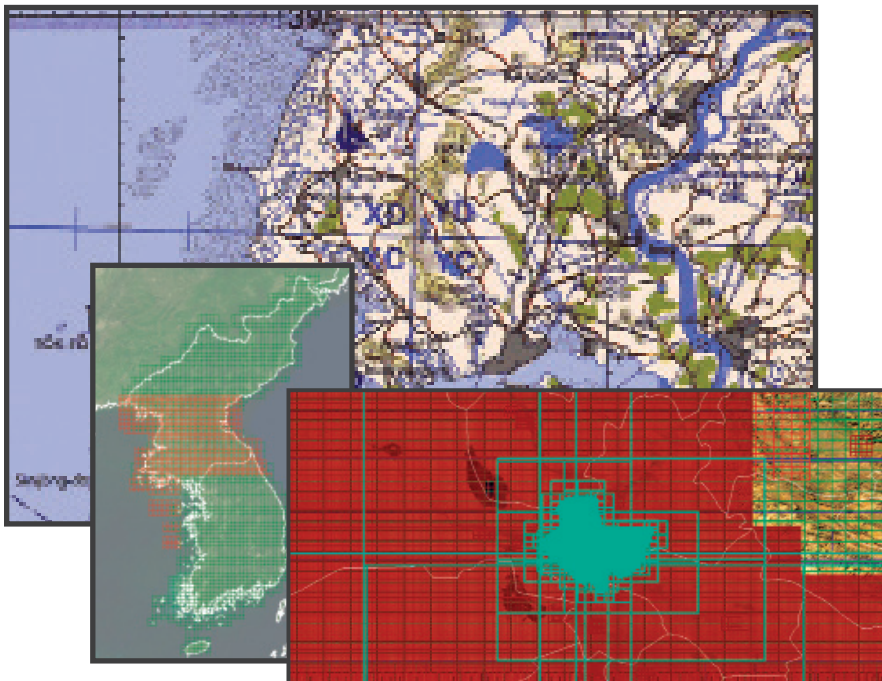
### **Customer Focused**

The RPF Tools extension is specifically designed to address very large RPF datasets in any directory structure and is optimized for rapid indexing and display of this data. Data management tools for querying, selecting, and copying RPF datasets make this an ideal tool for managing RPF data; staging data for loading into other applications; and distributing data to disconnected users. Map zooming and navigation tools provide an easy and confident user experience for using RPF data within the ArcMap application.



## FEATURES

- ▶ Create map index consisting of both ECRG and CDRG formats in the same index
- ▶ Rapid map index creation from RPF data in any directory structure
- ▶ Create and work with map indexes in the ArcMap application; no requirement to use ArcCatalog™
- ▶ Add new RPF data to existing indexes; most recent data is automatically selected for the index
- ▶ Wireframe and product controls conveniently located in the ArcMap Table of Contents
- ▶ Selection tools for custom selection of map product(s) coverage areas
- ▶ Copy map data tools for chipping-out subsets of existing map indexes/data and moving to new location
- ▶ Delete map data functionality for removing unwanted data and reclaiming disk space
- ▶ Special zoom tool for efficient navigation through map product sets
- ▶ Integrates ArcMap Identify tool for viewing crucial RPF metadata
- ▶ Identify, copy, and delete obsolete and/or duplicate data to facilitate the management and organization of large RPF datasets



CADRG Image Source: National Geospatial-Intelligence Agency



Select by location to copy and move vital RPF data

## BENEFITS

- ▶ Designed for high-speed RPF data display in the ArcMap application
- ▶ Supports RPF formats including ECRG, CDRG, and CIB®
- ▶ Optimized to support any size of file-based RPF datasets, including datasets over 1 terabyte (TB)
- ▶ Indexing process can utilize RPF a.toc (table of contents) and toc.xml (and its associated shapefiles) files for optimal indexing speed
- ▶ Index RPF data to new or existing GeoRover map catalogs (.gmc)
- ▶ Ideal for disconnected and operational users
- ▶ Uses existing data structure; does not reformat RPF data
- ▶ Works with large RPF datasets concurrently with both ArcMap and FalconView™
- ▶ Specialized zooming tool for RPF data display at native raster resolution at each and every product scale
- ▶ Flexible licensing options include Single-Use and Concurrent Use

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