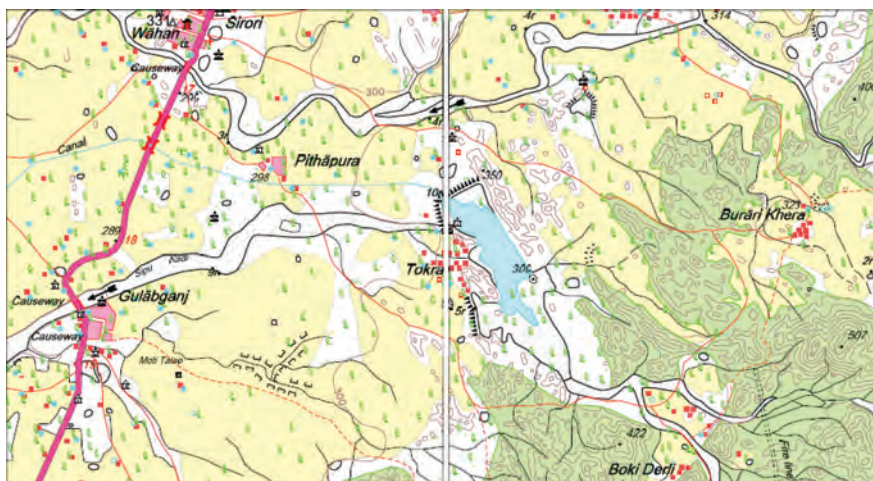




Rolta Geomatica Map Finisher

Rolta Geomatica Map Finisher (RGMF) Reader offers a complete, comprehensive and single, integrated software system that is highly suited for Military survey and Survey of India (SOI) for creation, processing and analyzing all type of geospatial data such as vector, matrix, raster, scanned map, satellite imagery, elevation and ancillary data.

Generates high-quality cartographic output with powerful map display, symbolization, patterning, color scheme, according to DVD model. The application is highly user friendly, less complicated and very fast to help provide solution using Rolta Geomatica Focus.



Cartographically Feature Finishing

Handling of Military Maps Data – Defence Series Map (DSM)

- Raster Map – GeoTiff format
- Elevation data – DTED format
- Vector Map – Microstation DGN format

Managing & Storage

- DTDB & DCDB data model with DVD feature schema
- Rolta Geomatica PIX
- Oracle Spatial
- Map Finishing
- Cartographic Feature Finishing – DTDB & DCDB
- Automatic feature patterning through GPR
- Publishing – TIFF (RGB) / PDF (CMYK) generation

GIS - Web Publishing

- DTDB features with attributes
- Publishing with Rolta Geomatica Web Server
- Viewing of cartographically finished map through browser

Benefits

- Reading of the data from the Microstation V7
- Ability to read Coordination system definition, Projection and Datum
- All features are categorized as per DVD data model with proper layering and symbology without loss of any data
- Features are classified as Major & Minor based on DVD code definition with correct features translation and naming.
- CFR report represents projection, datum and map extent and actual map extent details
- Symbols features and text features are created separately
- Translation using the Rolta Geomatica software
- Solution works on both DSM and OSM data set.
- Fonts, symbols, Pattern, line styles, Features & color tables are in place.
- Software supports for Cartographic editing / validation work like proper patterning / finishing, cosmetic correction to enhance the quality and accuracy of printed maps. It helps to generate of .ps/.eps/.pdf files of final corrected digital patterned file with symbology and layout as per SOI standards for proofing & CMYK film separate generation.



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