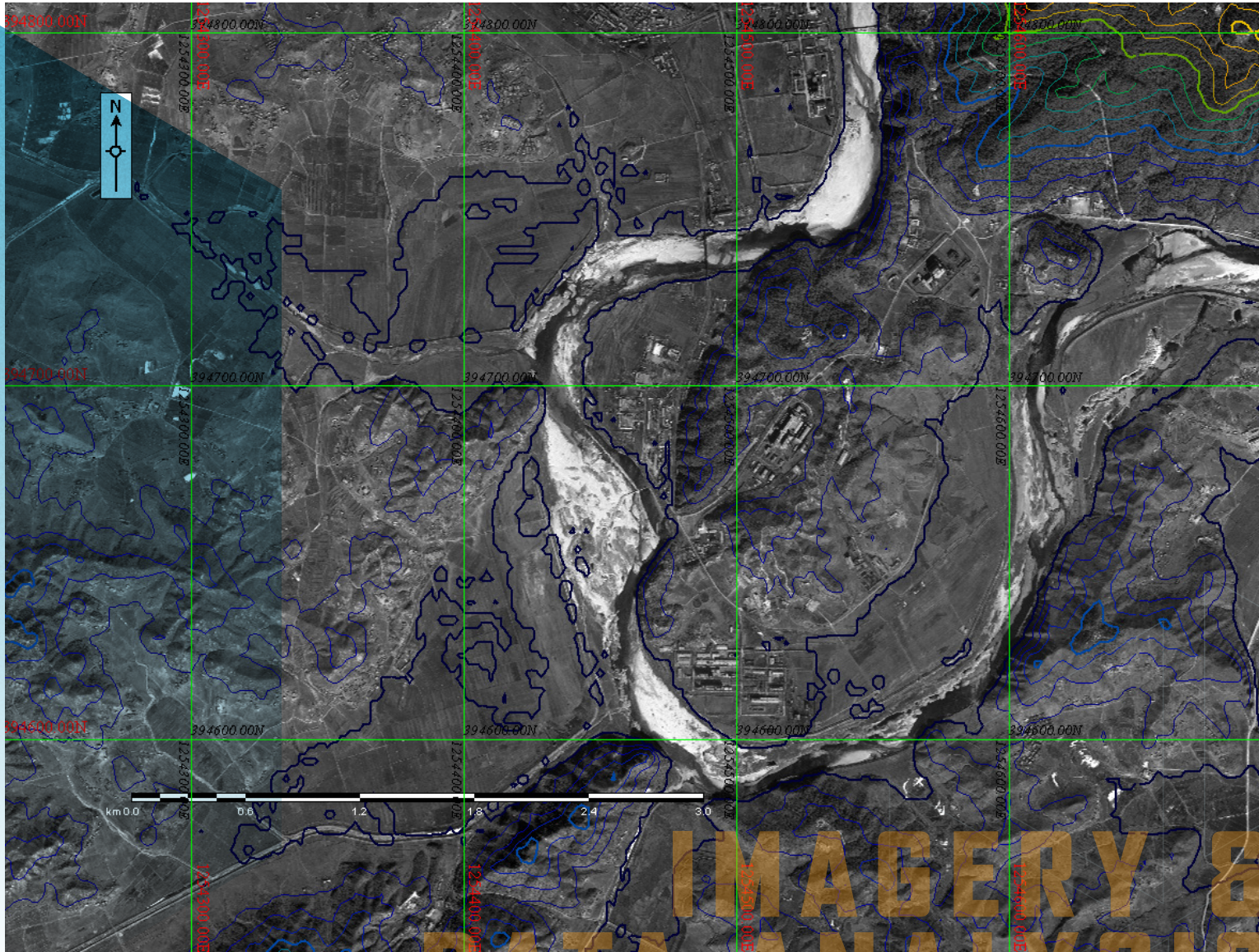# RemoteView™ Pro

ENHANCED IMAGERY ANALYSIS

RemoteView has a long history of success across a broad range of users within the U.S. Intelligence Community and across analysis directorates in 27 countries. From imagery acquisition to exploitation to mission planning and execution, Textron Systems provides a suite of tools to greatly enhance the intelligence capabilities of imagery analysts and improve situational awareness for decision makers.
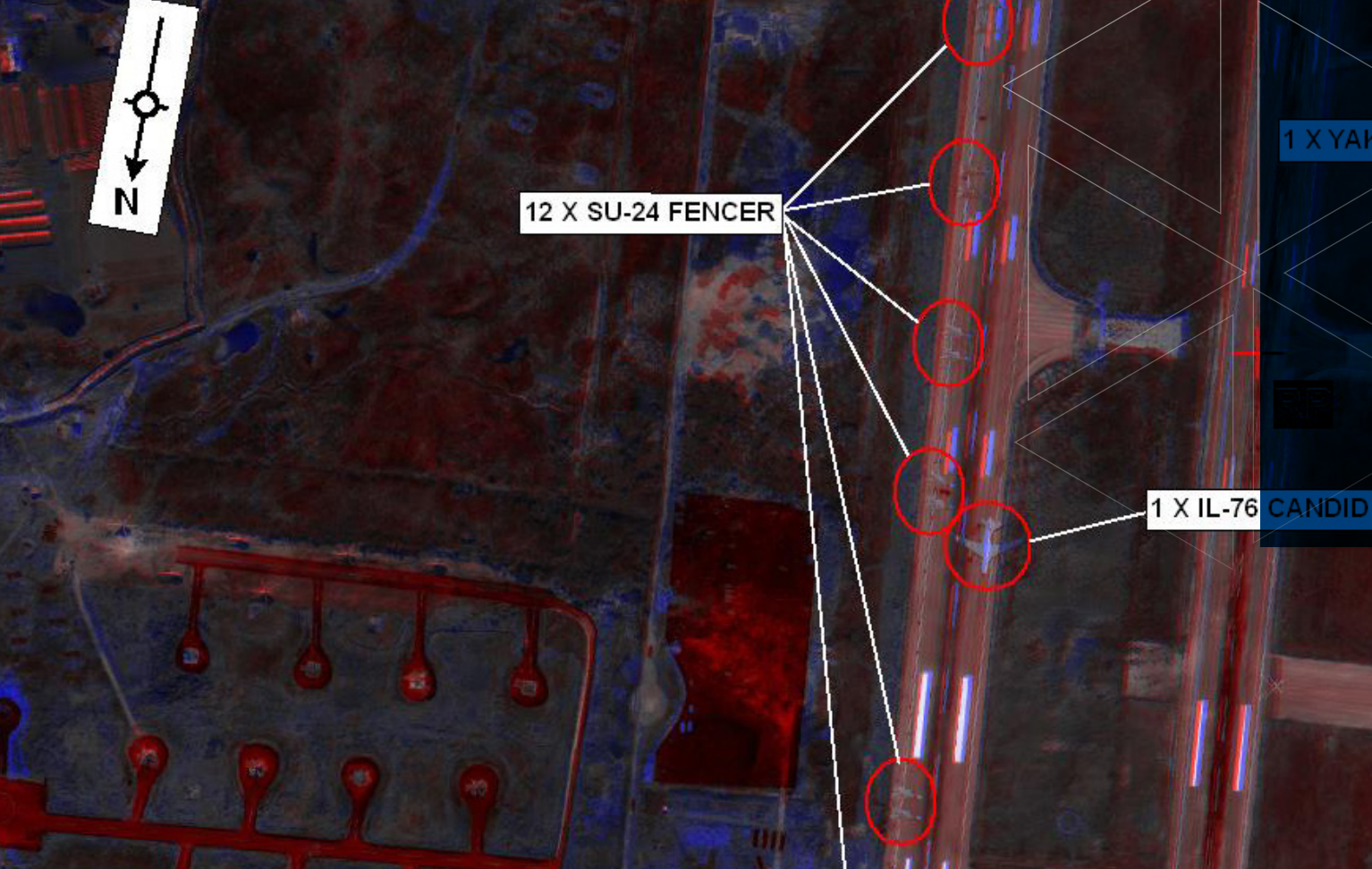
TextronSystems.com

TEXTRON Systems

▸ PUSHING PAST POSSIBLE

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12 X SU-24 FENCER

1 X YAK

1 X IL-76 CANDID

RemoteView Pro

Textron Systems' flagship imagery exploitation product, RemoteView Pro, provides analysts with premier analytical tools. Optional extensions expand the power of RemoteView, enabling customization to meet unique and specific user requirements. Users are able to quickly enhance imagery and gain valuable perspective through analytical tools and extensions that are essential for mission planning and operational support.
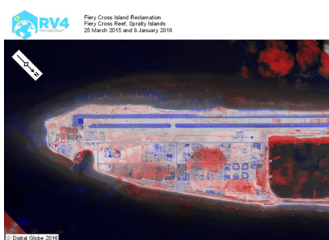
MULTI-IMAGE ANALYSIS

Multi-image analysis allows for two or more images to be compared, revealing even the slightest change in environment over time.
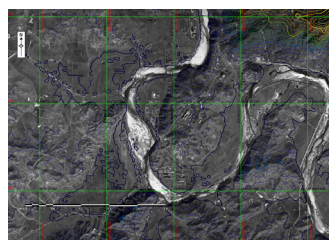
IMAGE CALIBRATION

Enhance accuracy by calibrating images using other GIS foundation data, such as ground control points (GCPs), other images or vector layers. Images can also be rectified or orthorectified to a user defined map-projection to create map products.
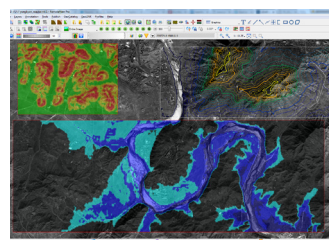
ELEVATION ANALYSIS

Simultaneously load imagery and elevation data to use Line of Sight (LOS), Helicopter Landing Zone (HLZ), contour lines and flood plain analysis tools.
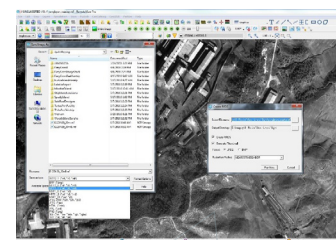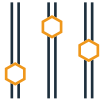
IMAGERY CONVERSION

Imagery can be converted, saved and compressed into numerous formats like NITF, GeoTIFF, PNG and JPEG.
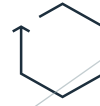
BASIC EXPLOITATION TOOLS

IMAGE ADJUSTMENT
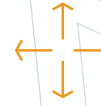Brightness, haze, sharpness and Dynamic Range Adjustment (DRA)

ZOOMING
Image scale, map scale, wheel

ROTATION
Free rotate, north, up

PANNING
Fly pan, drag pan, auto pan

MULTISPECTRAL IMAGERY ANALYSIS

IMAGE CALCULATOR

PAN SHARPENING

BAND MANIPULATION

IMAGE CLASSIFICATION

Analyze multispectral imagery with capabilities built into RemoteView. Individual bands can be manipulated and displayed in their respective channels. Complex algorithms bring out important details such as vegetation or mineral deposits. Combine panchromatic and multispectral imagery to create highly detailed, pansharpened images with multiple bands available for analysis.

Display and manipulate commercial and tactical data in the form of:

VIDEOS (V-TRAC PLUG-IN)
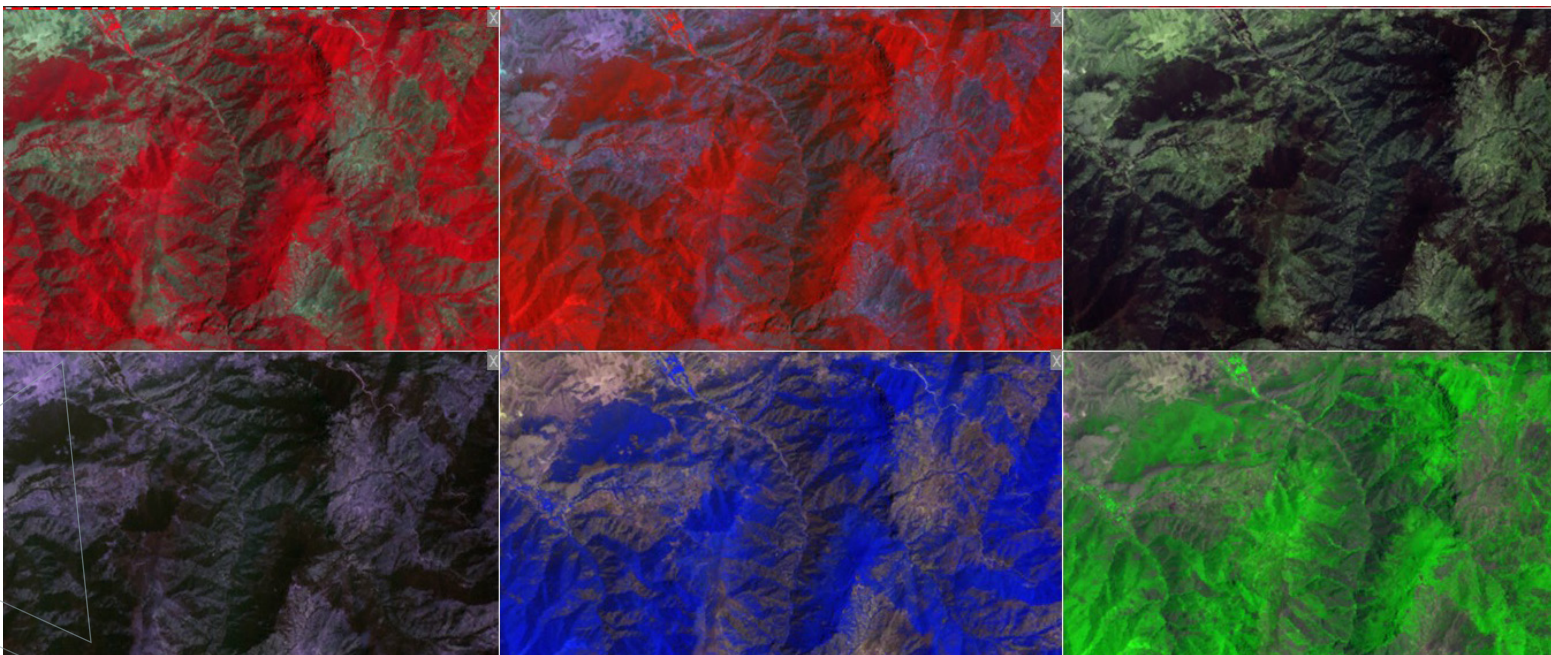
GIS FOUNDATION DATA

SAR

ELEVATION

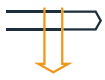**IMAGERY**

LIDAR

MAPA DATA

R V S A R™

**LOOK DIRECTION INDICATOR**

CUSTOM SAR METADATA

**CCD & ACD CHANGE DETECTION**

IMAGE CLASSIFICATION

Analyze imagery collected during adverse conditions with RVSAR. RVSAR enables RemoteView to load and analyze commercial SAR data. RVSAR provides the capability to further exploit SAR imagery through advanced functions such as generating polarization compositions and Amplitude and Coherence Change Detections.
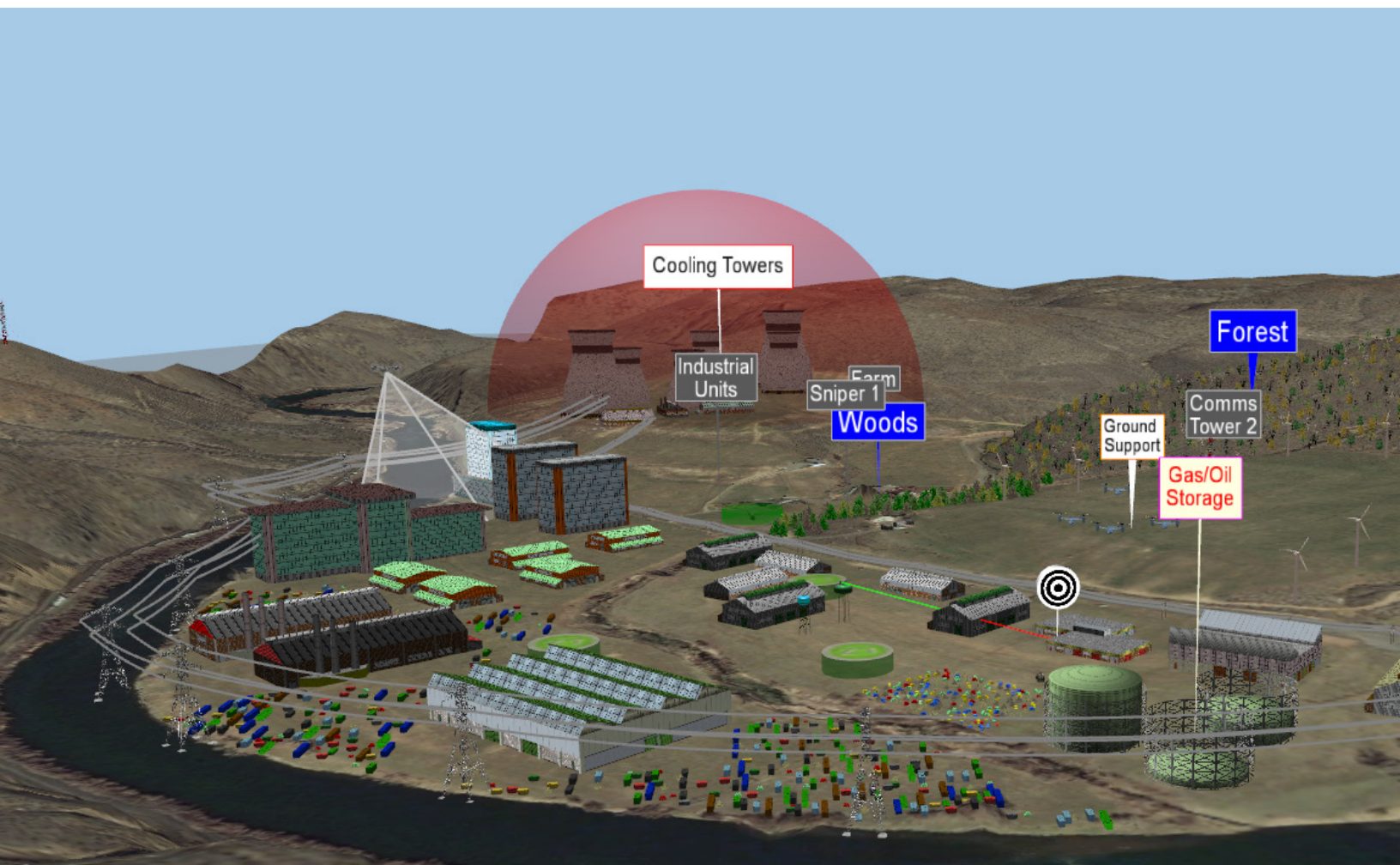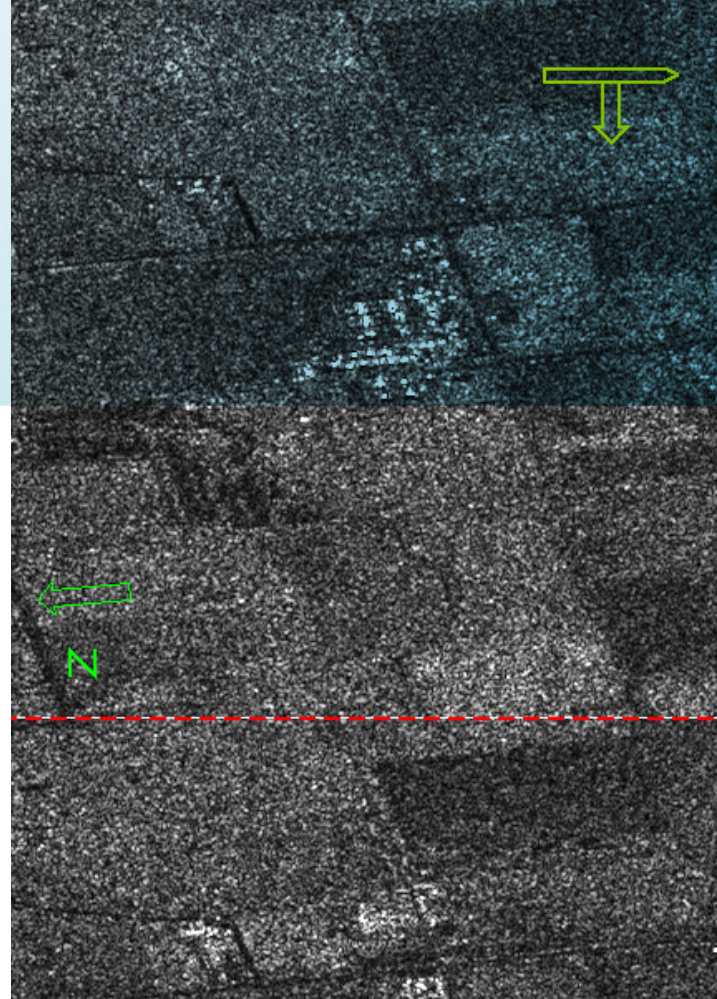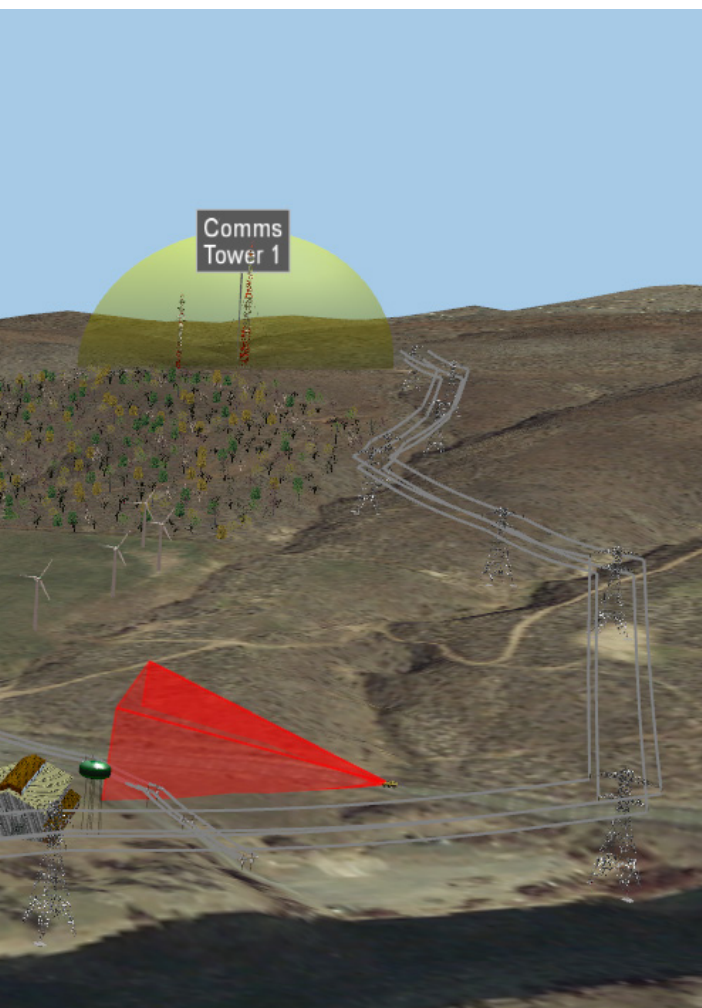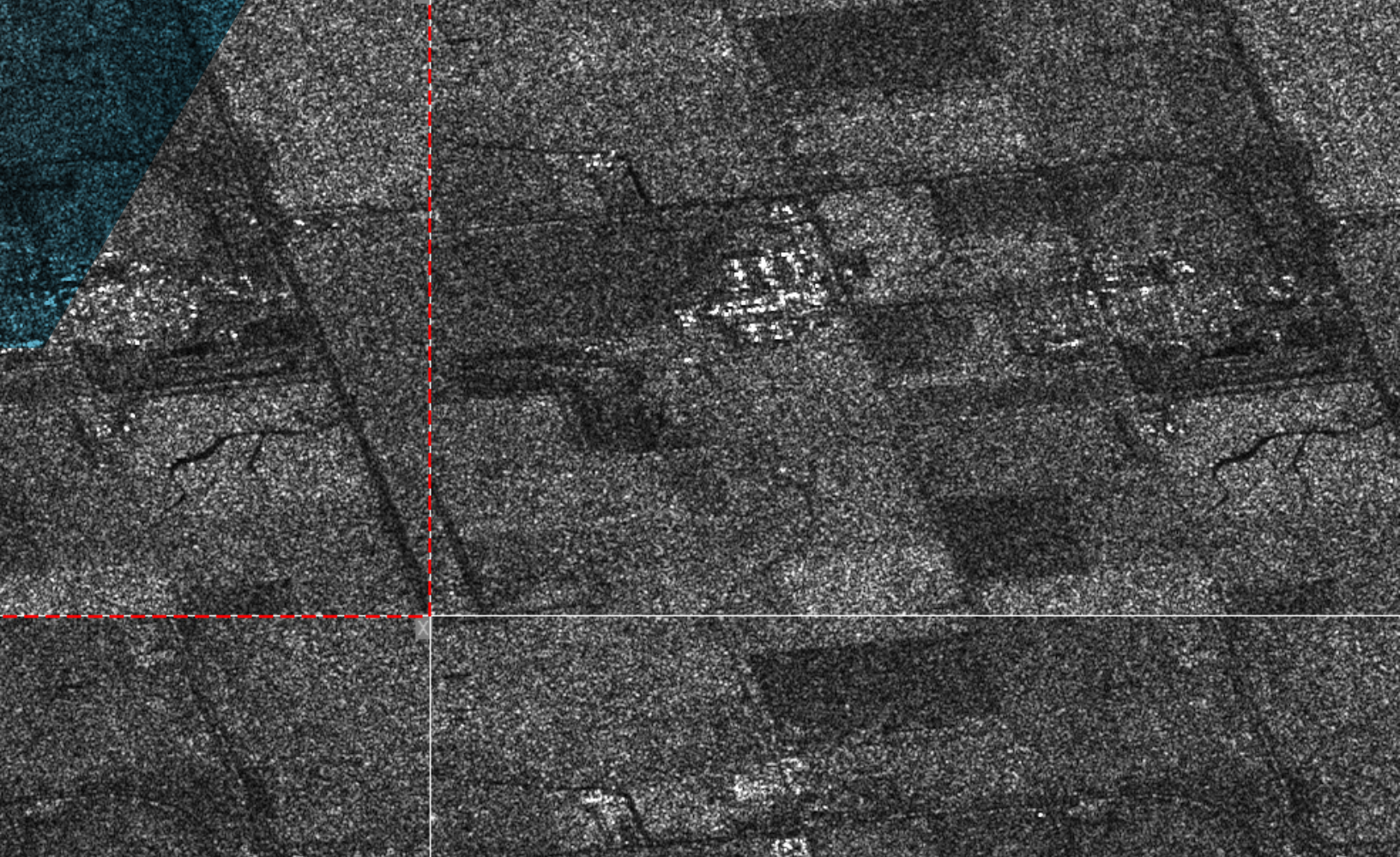
3DPro™

HLZ ANALYSIS
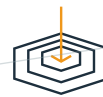
DAMAGE ASSESSMENTS

LOS PROJECTIONS

FLIGHT/DRIVING PATH SIMULATIONS

Create mission scenarios by quickly generating buildings, utility lines, vegetation and other features to project in a 3D terrain model from the latest satellite or tactical imagery. Decision makers can visualize their area of operations from multiple view points and gain a realistic perspective of upcoming or past missions.
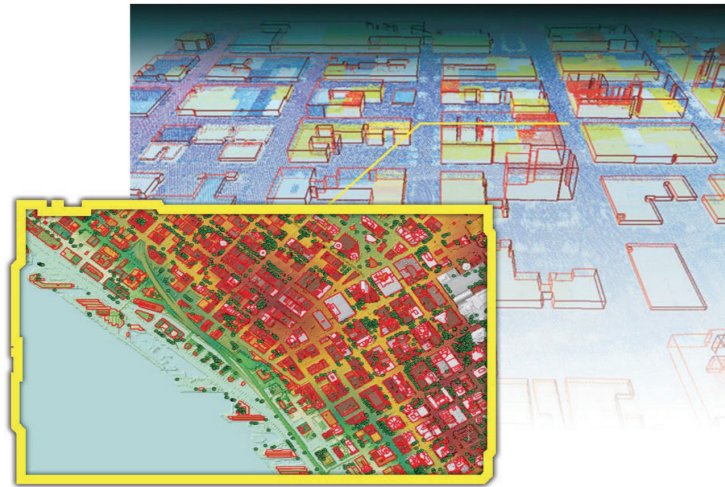
RVConnect™

IMAGES

ArcGIS™ DATA

FOUNDATION GIS DATA

ANALYSIS PRODUCTS

RVConnect offers intelligence analysts real-time interoperability between RemoteView and Esri's ArcGIS. Data and geospatial analysis workflows can be shared across both applications enabling analysts to leverage the strengths of both tools. RVConnect saves time and effort by reducing redundancies thereby expediting decision making.

Virtual Mosaic™

Streamline the process of building terabyte sized mosaics. Virtual Mosaic easily handles the construction of an image product comprised of numerous input images. No pre-processing or conversion steps are required. Once an image mosaic is generated, it can be orthorectified for use by other analysis or GIS software products.
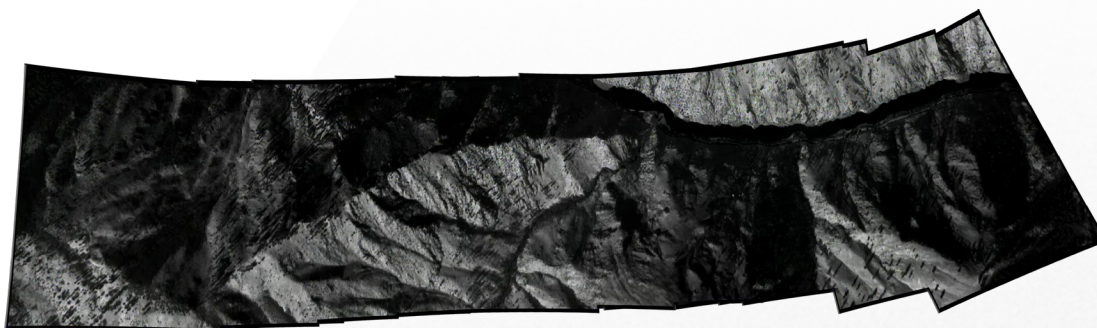
AUTOMATED IMAGE ALIGNMENT

WIZARD-BASED MOSAIC CREATION

ORTHORECTIFIED

INTEGRATES WITH GEOCATALOG
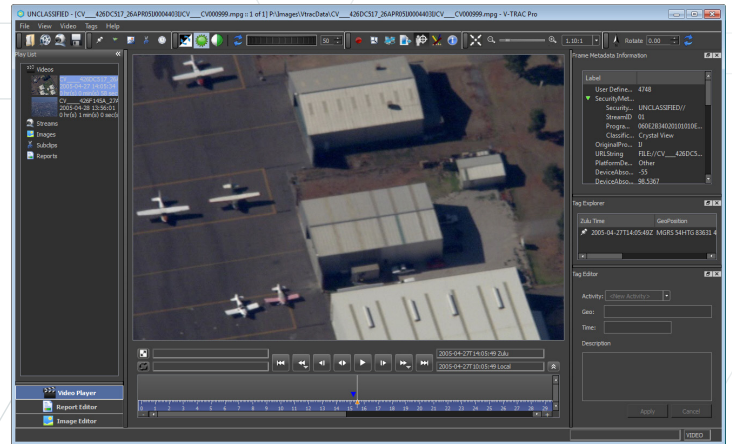
VTRAC™

CATALOG VIDEOS

ANALYZE VIDEO

EXPLOIT IMAGES

GENERATE REPORTS

Simultaneously stream four live video feeds with metadata, providing analysts with the data they need. Full DVR capability can be enabled on two streams at a time, allowing for real-time analysis. Initial reporting can be completed within VTRAC or more in-depth analysis can be used with VTRAC and RemoteView.

RVcloud™


FAST RESPONSE

EASE OF USE

MOBILE & DESKTOP

LOW BANDWIDTH

RVcloud offers many of the capabilities and features found in RemoteView, while offering a cloud based solution. RVcloud provides users the essential set of features needed to view and analyze imagery in an easy-to-use web application. Users are able to interact with full-resolution, enterprise-integrated, geo-referenced imagery within an intuitive interface. RVcloud is a stand-alone application, but is designed to integrate with enterprise services and to readily operate with other software systems. Its standard web application program interface enable integration with data management and workflow systems.
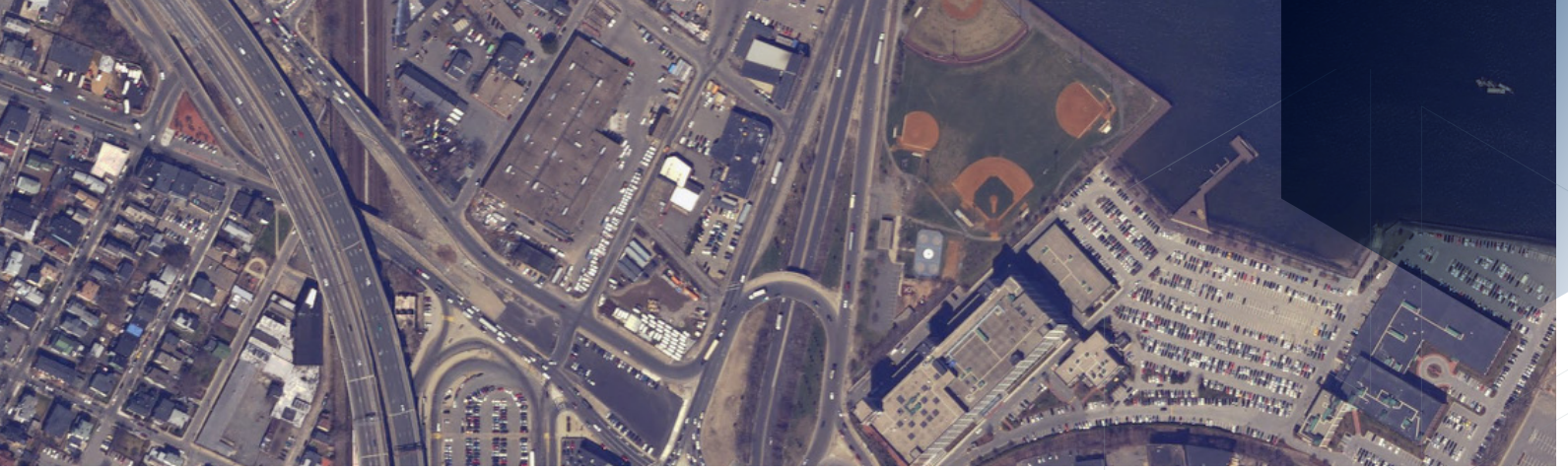
GeoCatalog™

DATA MANAGEMENT

DISCOVERY

ANALYTICAL WORKFLOW

Analysts today need on-demand access to vast geospatial data to generate mission-critical intelligence products. GeoCatalog is the premier data management framework driving that process. Analysts can efficiently access and organize imagery for exploitation and dissemination in geospatial analysis software. The intuitive and easy-to-use web interface enables users to access, manage and analyze large holdings of geospatial data, ensuring every phase of mission success.

Services & Support

BENEFITS
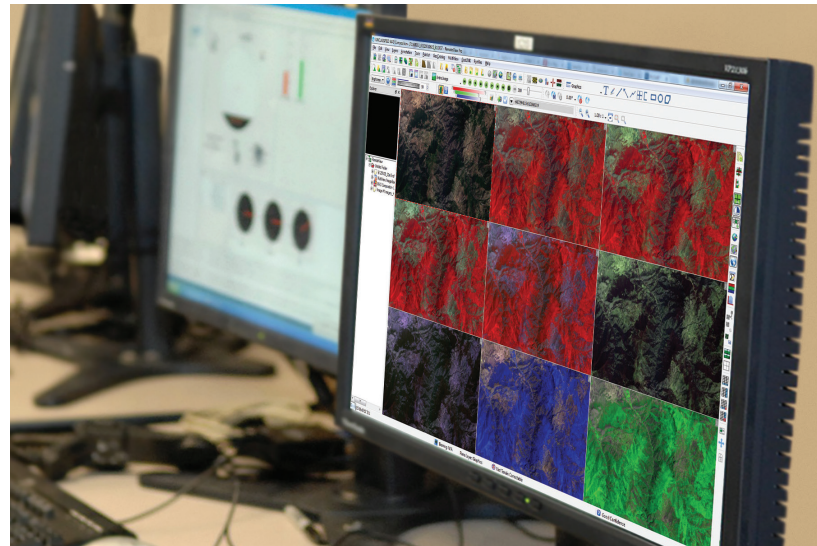
PROFESSIONAL SERVICES AND TRAINING AVAILABLE

ANNUAL VERSION UPGRADES AVAILABLE

FAST RESPONSE TIME

VIRTUAL TECH SUPPORT

MAINTENANCE PLANS

Stay up-to-date with the newest version upgrades and support services. Receive virtual technical and license support from skilled Geospatial Technicians. Automatically receive all major technical upgrade releases during the annual term.