

ENHANCED IMAGERY ANALYSIS **REMOTEVIEW™ PRO**

RemoteView has a long history of success across a broad range of users within the US 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.

TEXTRON Systems

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BASIC EXPLOITATION TOOLS



Panning
Fly pan, drag pan, auto pan



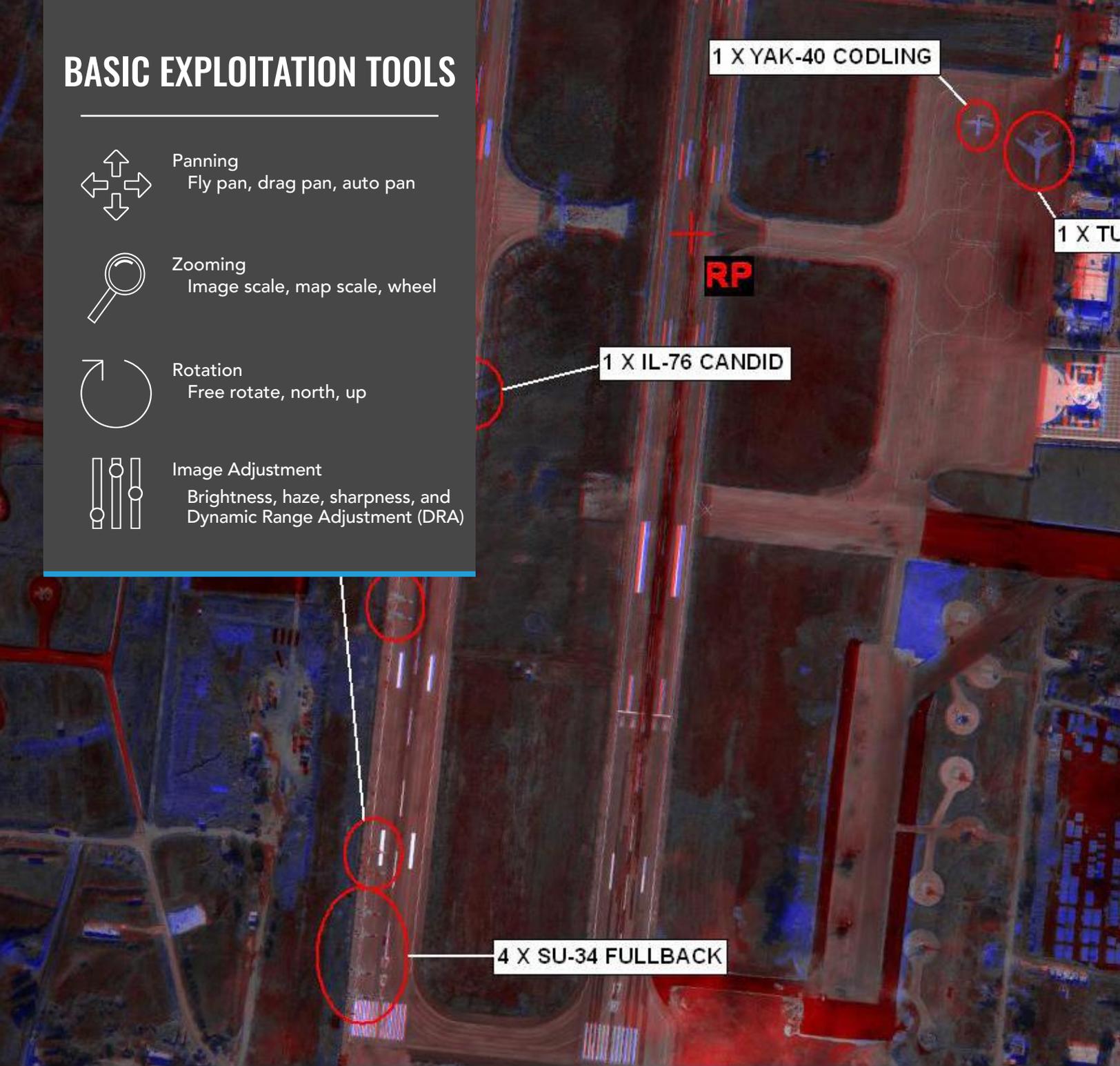
Zooming
Image scale, map scale, wheel



Rotation
Free rotate, north, up

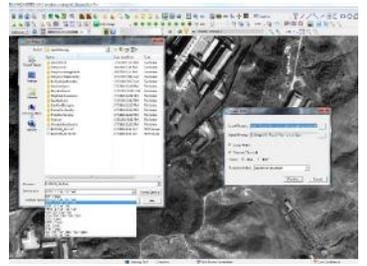
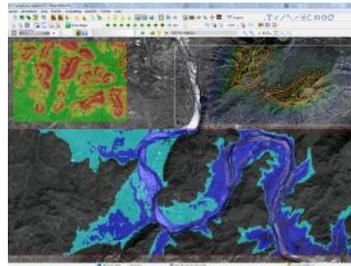


Image Adjustment
Brightness, haze, sharpness, and
Dynamic Range Adjustment (DRA)



REMOTEVIEW™ PRO

Textron Systems Geospatial Solutions' 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.

TERRAIN ANALYSIS

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

DATA CONVERSION

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

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



Videos (V-TRAC Plug-in)



GIS foundation data



SAR



Elevation



Imagery

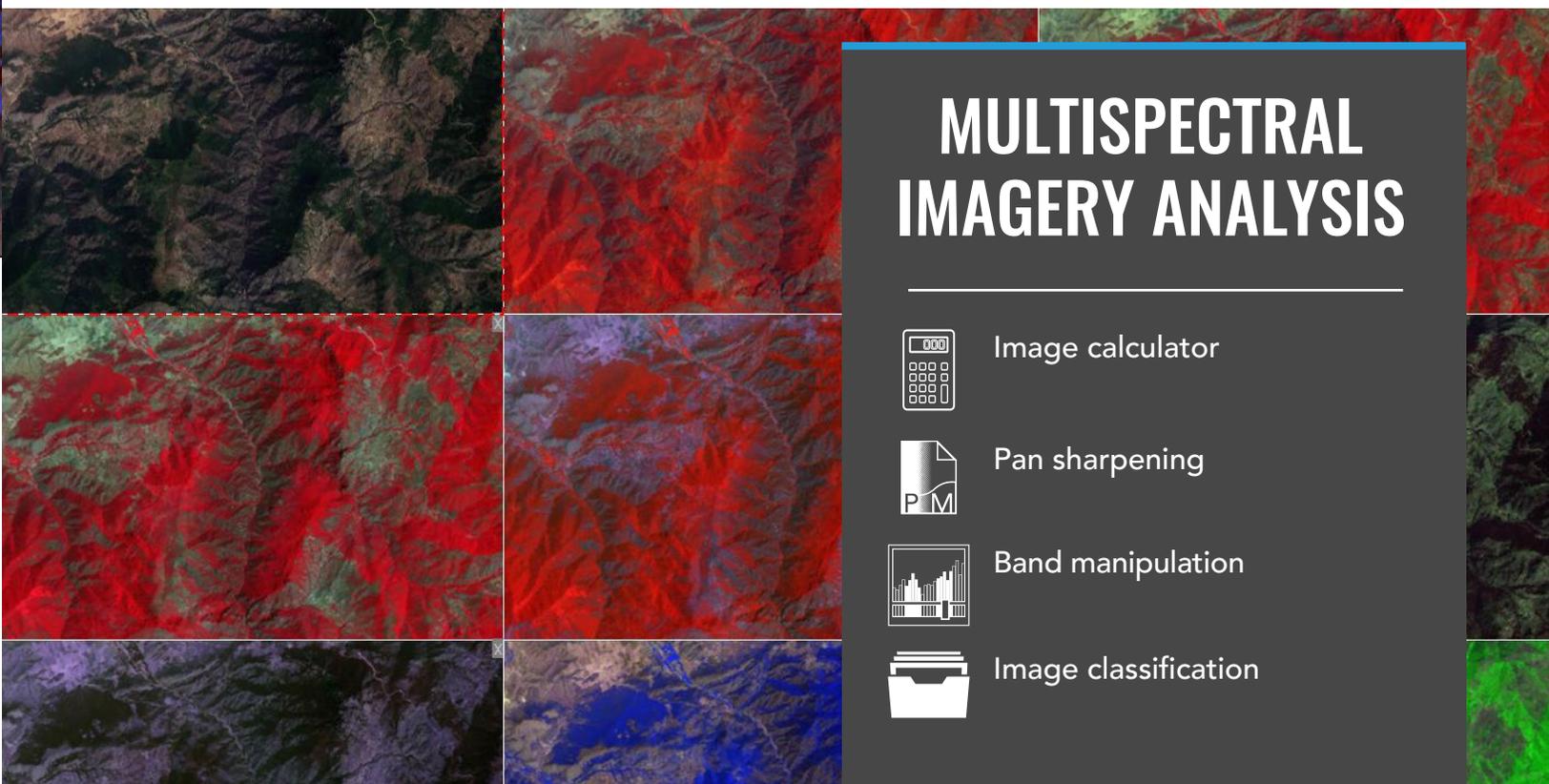


LIDAR



Map data

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.



MULTISPECTRAL IMAGERY ANALYSIS



Image calculator



Pan sharpening

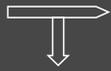


Band manipulation



Image classification

RVSAR™



Look Direction Indicators



Speckle Suppression

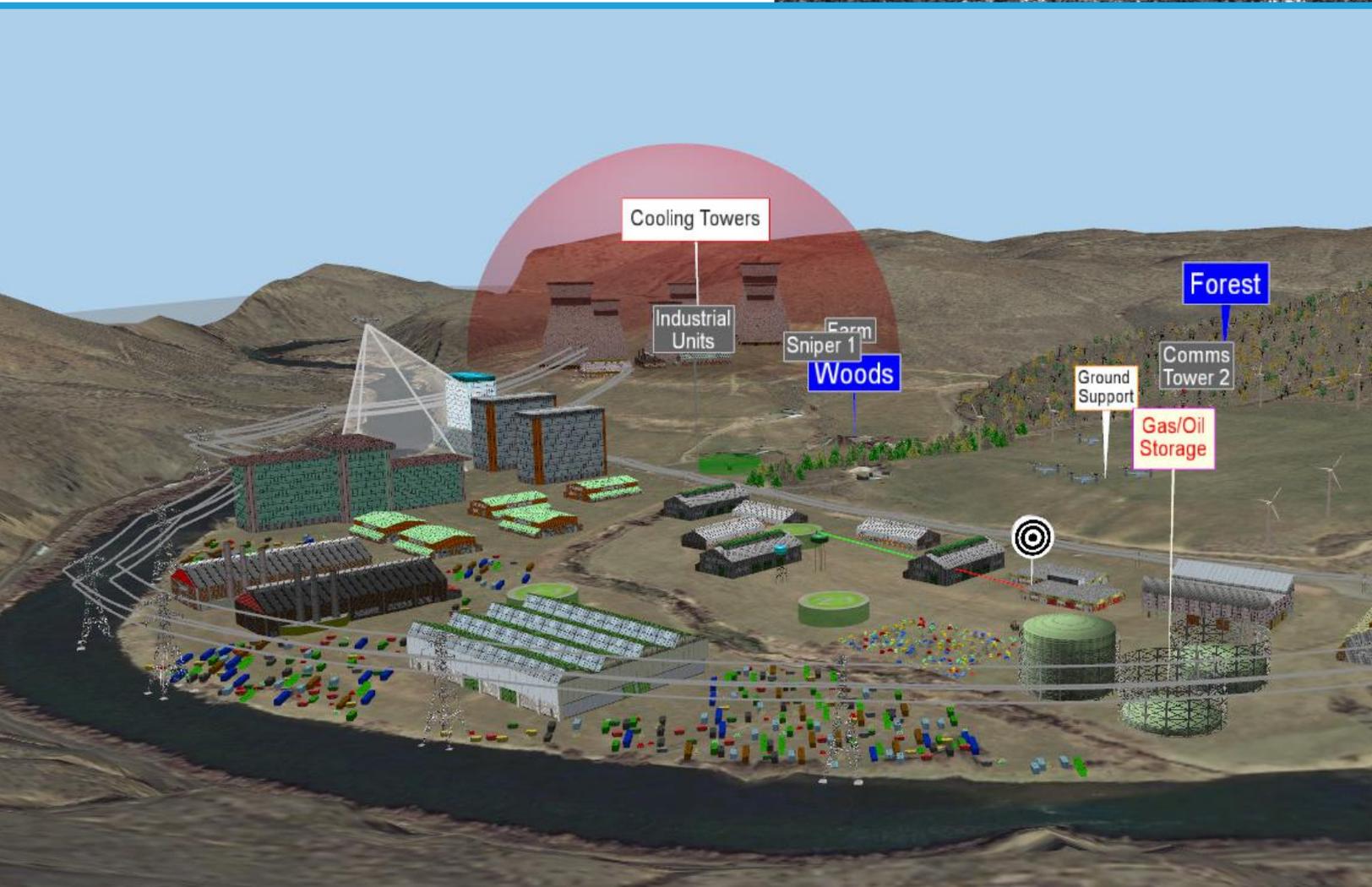
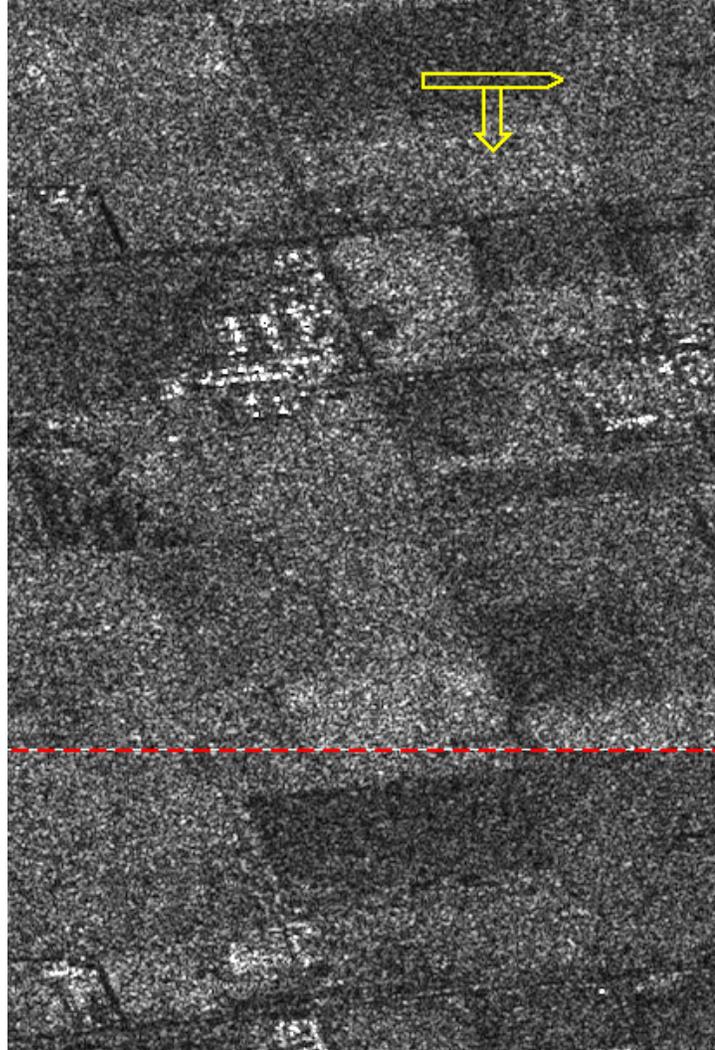


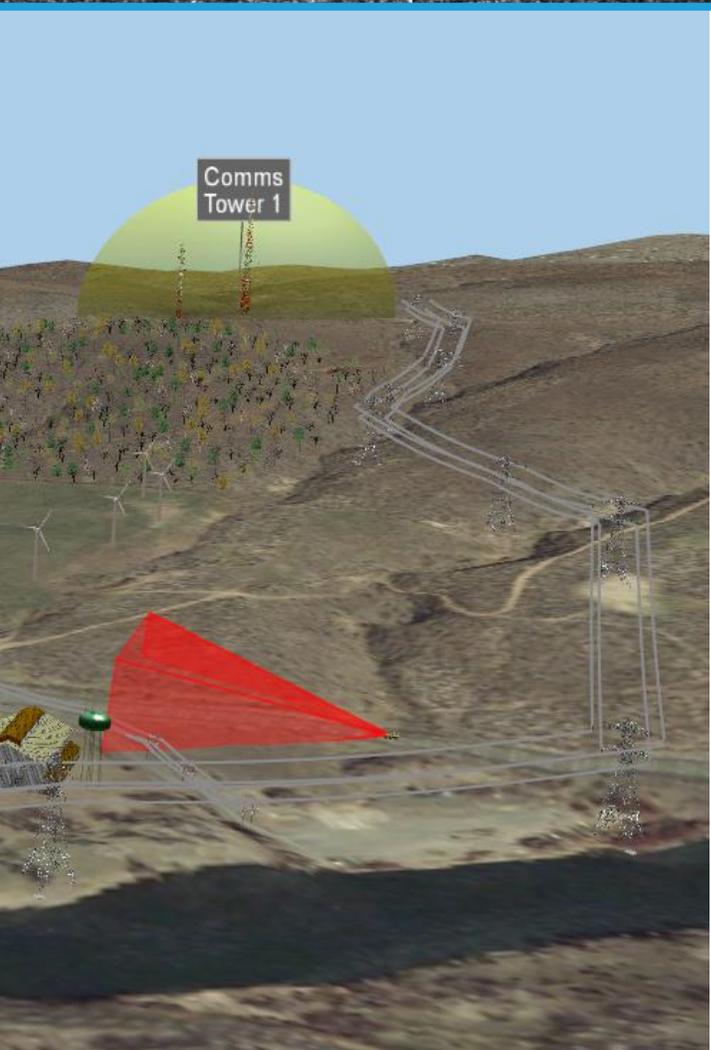
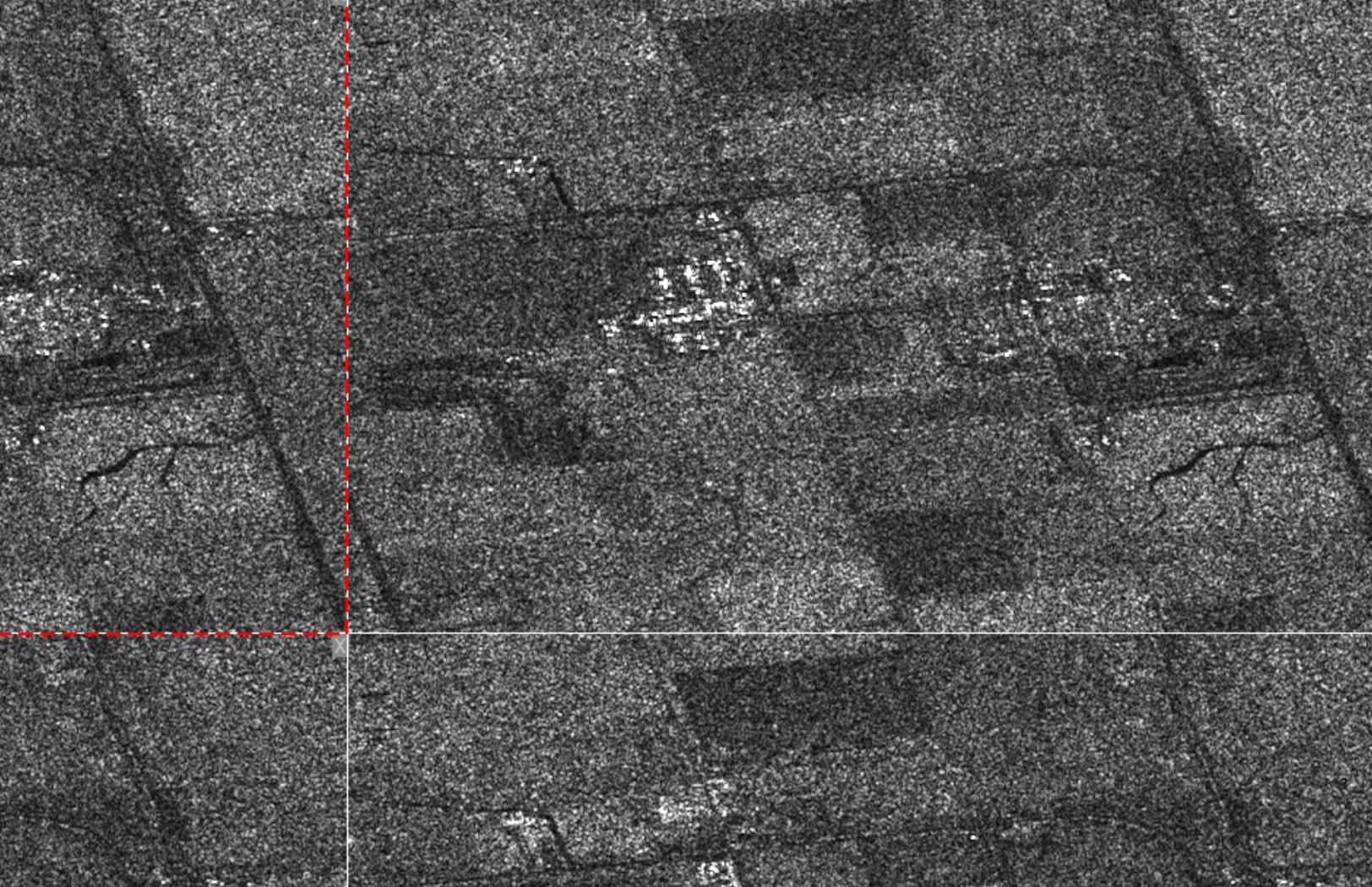
Custom SAR metadata browsers



Smart Image Alignment

Analyze imagery collected during adverse conditions with RVSAR. RVSAR enables RemoteView™ to load and analyze commercial SAR data. RVSAR provides capabilities to enhance the clarity of the SAR imagery using speckle suppression.





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.

3D PRO™

-  HLZ analysis
-  Damage assessments
-  LOS projections
-  Flight/driving path simulations

RVCONNECT™



Images



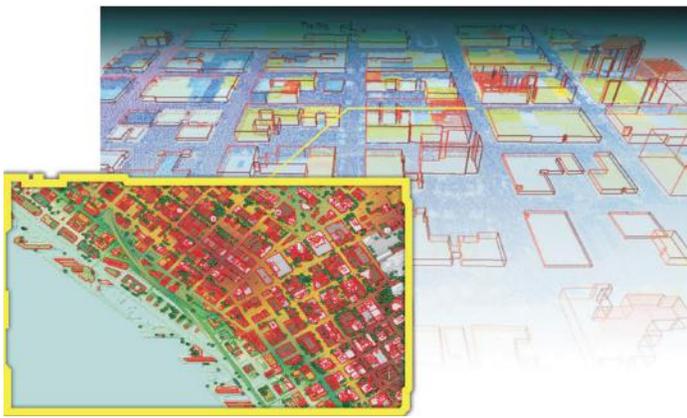
ArcGIS Data



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.

V-TRAC™



Catalog videos



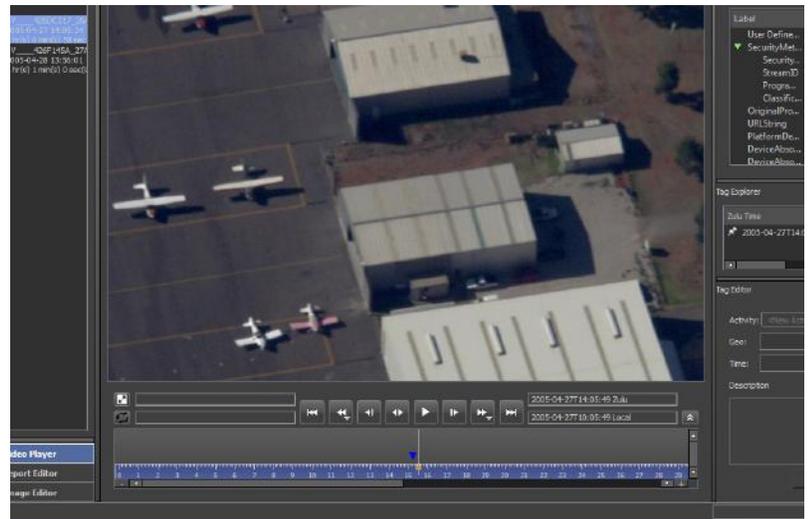
Analyze video



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 V-TRAC or more in-depth analysis can be used with V-TRAC and RemoteView.

RVcloud™



Fast response



Ease of use



Mobile and 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.



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.

VIRTUAL MOSAIC™



Automated image alignment



Wizard-based mosaic creation



Orthorectified



Integrates with GeoCatalog

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.

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