

# SeeGEO™

## HUMAN MACHINE TEAMING FOR GEOSPATIAL DATA

A CENTRALIZED CLOUD-BASED SOLUTION IDEAL FOR SEARCHING, COLLABORATING, AND EXPLOITING GEOSPATIAL DATA.

Aiding Analysts Workflow for Data That Matters Most

- Catalog & Unified Search
- Federated Search & Discovery
- Workspaces & Collaboration
- Image Exploitation
- Video Exploitation
- Multi-Cloud Support

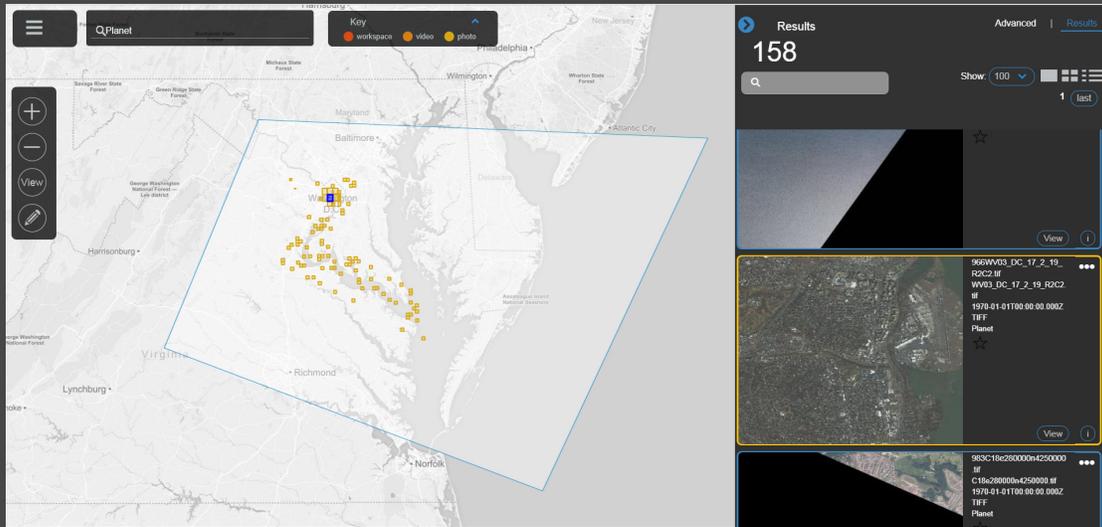
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# CATALOG & UNIFIED SEARCH

- Single user experience for ingesting and cataloging imagery, elevation, video and GIS content
- User generated content stored and indexed along with other data
- Unified search across all content types, sources, users and workspaces
- Direct integration with imagery providers to search, discover and automatically ingest daily imagery
- Live metadata to be displayed over maps, imagery and video as part of the exploitation process



# IMAGE EXPLOITATION

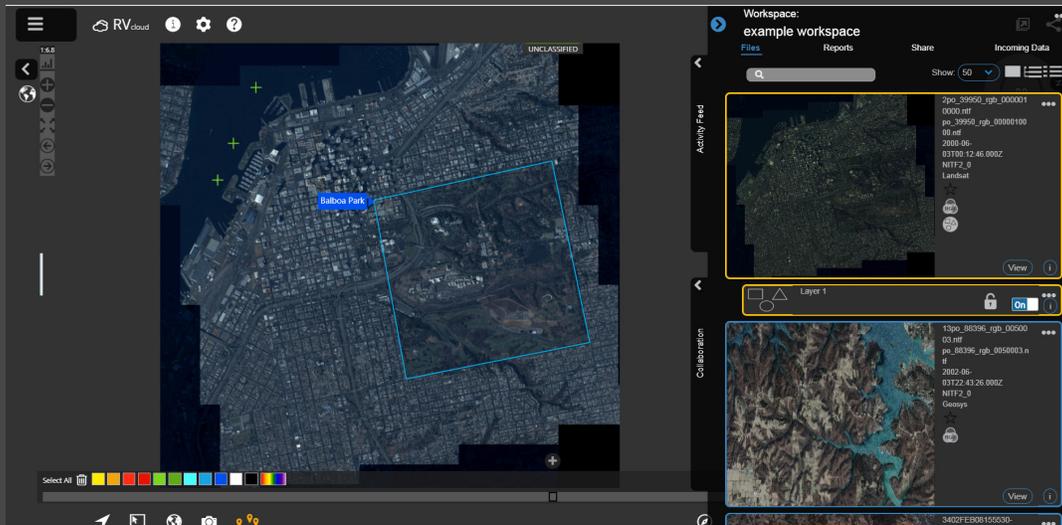


- Imagery/elevation ingest and cataloging of commercial and customer specific formats
- Feature digitization with content stored in workspaces
- Measurement, annotation, reporting, templates, and exploitation functions in line with RemoteView™ capabilities
- Overlays geospatially and temporally synchronized across video, imagery and map
- Multi-image comparison, including blend, mosaic and 2CMV
- Precision georeferencing and canonical mensuration services



# WORKSPACES & COLLABORATION

- **User Generated Cloud Workspaces:** Organize related video, imagery, GIS, and user generated content
- **Live Search:** Links back to original query and automatically adds new content that matches the search criteria
- **Workspace Sharing:** Live editing, commenting, chat, feedback, user invitations and notifications
- **Workflow Management:** Includes analyst tasking, reporting, team management and task collaboration



# VIDEO EXPLOITATION

- Video ingest, catalog, transcode, and distribution of live video streams
- Video on Demand (VOD) delivery of recorded video with live-to-VOD scrubbing
- Annotation, measurement and image enhancement of live and recorded video
- Chipping of video into still imagery exploitation workflows with links back to source video segments



# KEY SYSTEM CHARACTERISTICS

## USER EXPERIENCE

- Intuitive web-based user experience
- Map-centric search and discovery
- Responsive user interface scales from desktop to mobile devices
- Unified user interface across catalog, video, imagery and collaboration activities

## KEY INTERACTIONS

- Optional integration with customer provided authentication services
- Optional integration with commercial providers to search for and ingest daily imagery
- Integration with AWS Elemental for ingesting live video feeds and Adaptive Bit Rate streaming
- Session tracking of user interaction and activity workflow to drive business intelligence and automation
- Open APIs for integration and platform customization

## DEVELOPMENT

- Cloud-native application based on commercial cloud software technologies
- Utilizes containerization and orchestration frameworks for enterprise cloud deployment
- Decomposition into microservices to support custom application composition and scaling
- Deployment as end-user applications or automated workflow/processing engine
- Supports commercial load balancers for instant on-demand application deployment
- Scales from stand-alone server up to Azure™ or AWS