GXP Xplorer® Platform v2.6.2 Release enhancements

Presented by GXP® Product Development

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General information

- New licenses are required when upgrading from the GXP Xplorer® Platform v2.5 or earlier.
- Upgrade is supported from GXP Xplorer v2.5.7+.
- Federation is supported for GXP Xplorer v2.5.7+.
- Synchronization is supported for GXP Xplorer v2.5.7+ (see Release Notes for additional information).
- Data models from the GXP Xplorer Platform v2.5.4+ can be imported, all data model objects will be represented.
- Support for Windows® Server 2022, 2019.
- Support for Windows 11, 10.

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GXP Xplorer v2.6.2 updates

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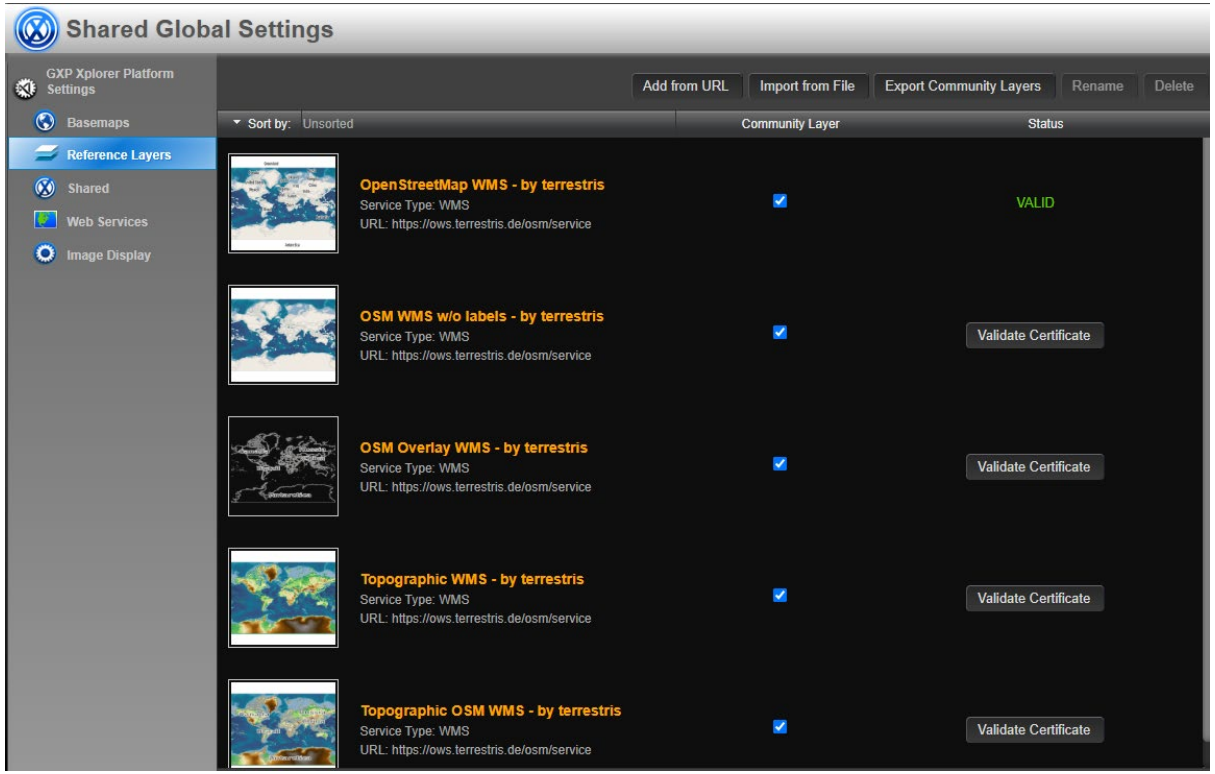
Community Layers

Administrators can centrally curate and share trusted, frequently used data layers across SOCET GXP®, GXP Xplorer, and GXP Fusion®. This eliminates repetitive client-side setup, ensures consistency, and gives analysts immediate access to workflow critical data layers, streamlining discovery, analysis, and collaboration across the enterprise.

Administrators can now setup a collection of community-based reference data.

- Layers can be added from Shared Global Settings > Reference Layers.
- For secure services, there is an option to validate the provider's certificate.
- Administrators can export the list to a .json file and share with other sites.



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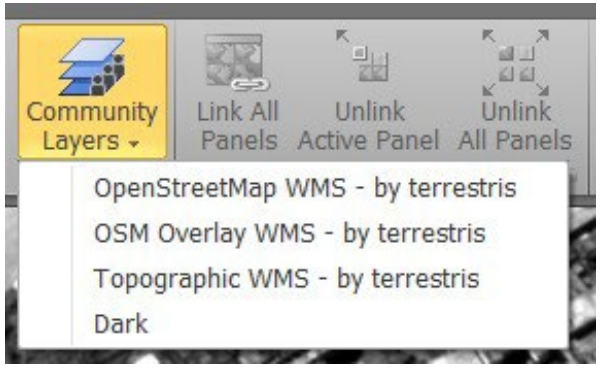
Community Layers… 2

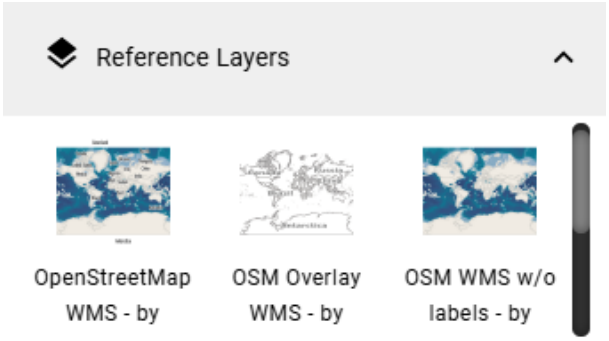
Community Layers appear seamlessly inside SOCET GXP, GXP Xplorer, and GXP Fusion, giving users instant access to pre-configured, trusted data sources without extra setup.

Supported Layer Types:

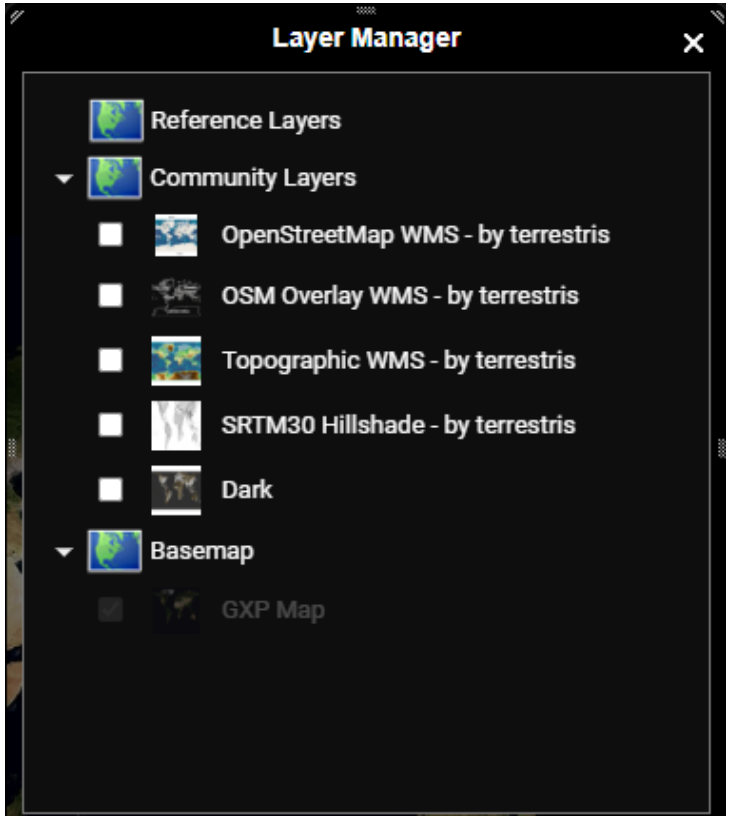
- WMS.
- WMTS.
- WFS.
- Esri® Image Server.
- Esri Map Server.
- Esri Feature Services.



Community Layers in SOCET GXP



Community Layers in GXP Fusion



Community Layers in GXP Xplorer

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Other enhancements

- Lists in the Data Model Editor now load dynamically.
- Support for cataloguing zipped 3-D Tiles data sets.
- Existing Workflows will persist following an upgrade.
- Connectivity with Maxar® Global Enhanced GEOINT Delivery (GEGD) Pro platform.

GXP InMotion™ v2.6.2 updates

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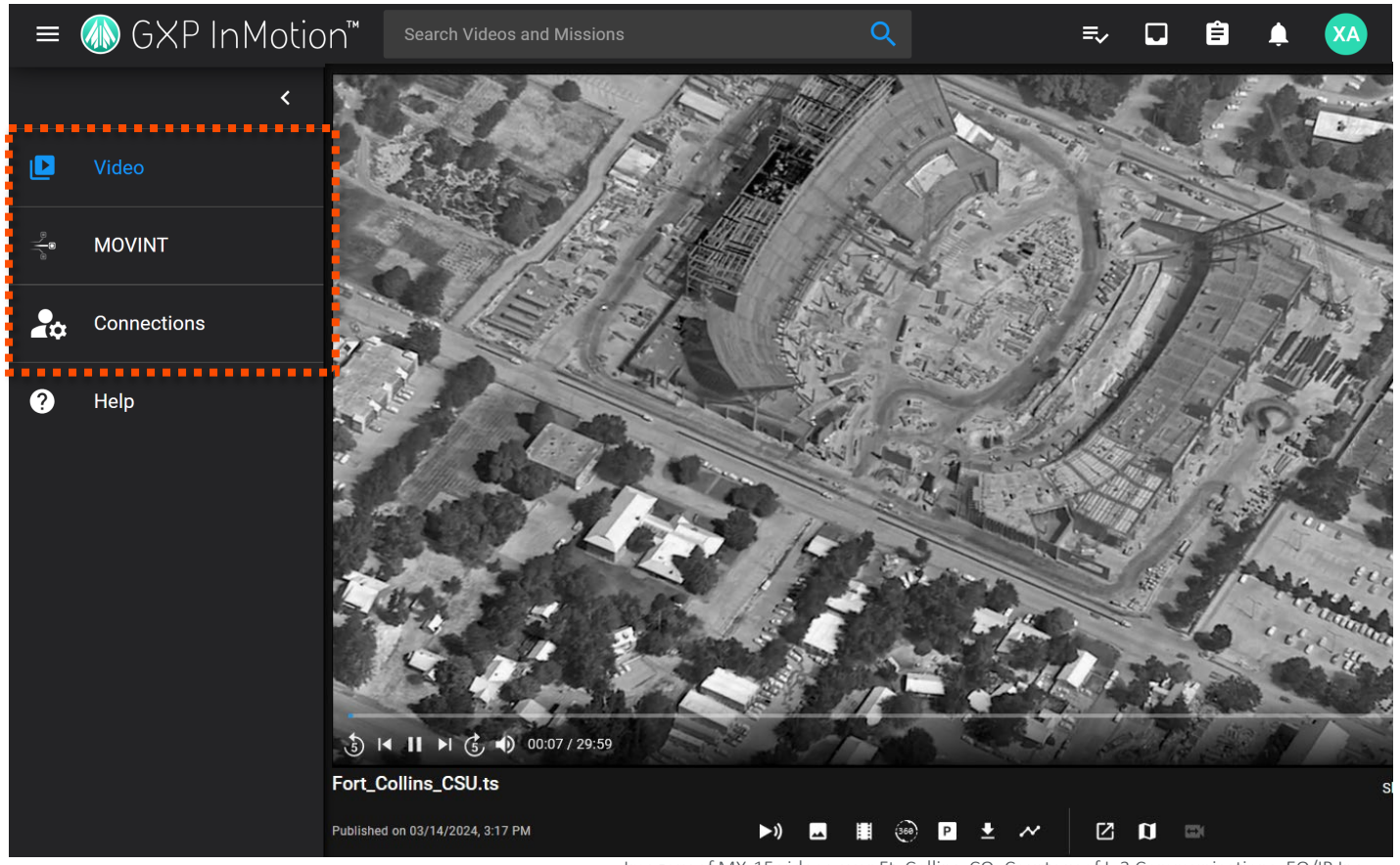
UI Changes for GXP InMotion navigation

The FMV, MOVINT, and Management subpages have been reorganized so new users can more quickly find and launch the right exploitation tools.

- The icons for the GXP InMotion Video, MOVINT, and Management user interfaces were reordered to improve the accessibility of video and MOVINT data.
- The Management page was renamed to “Connections” and remains an admin focused interface for configuring streaming channels.



Imagery of MX-15 videos over Ft. Collins, CO; Courtesy of L-3 Communications, EO/IR Inc.

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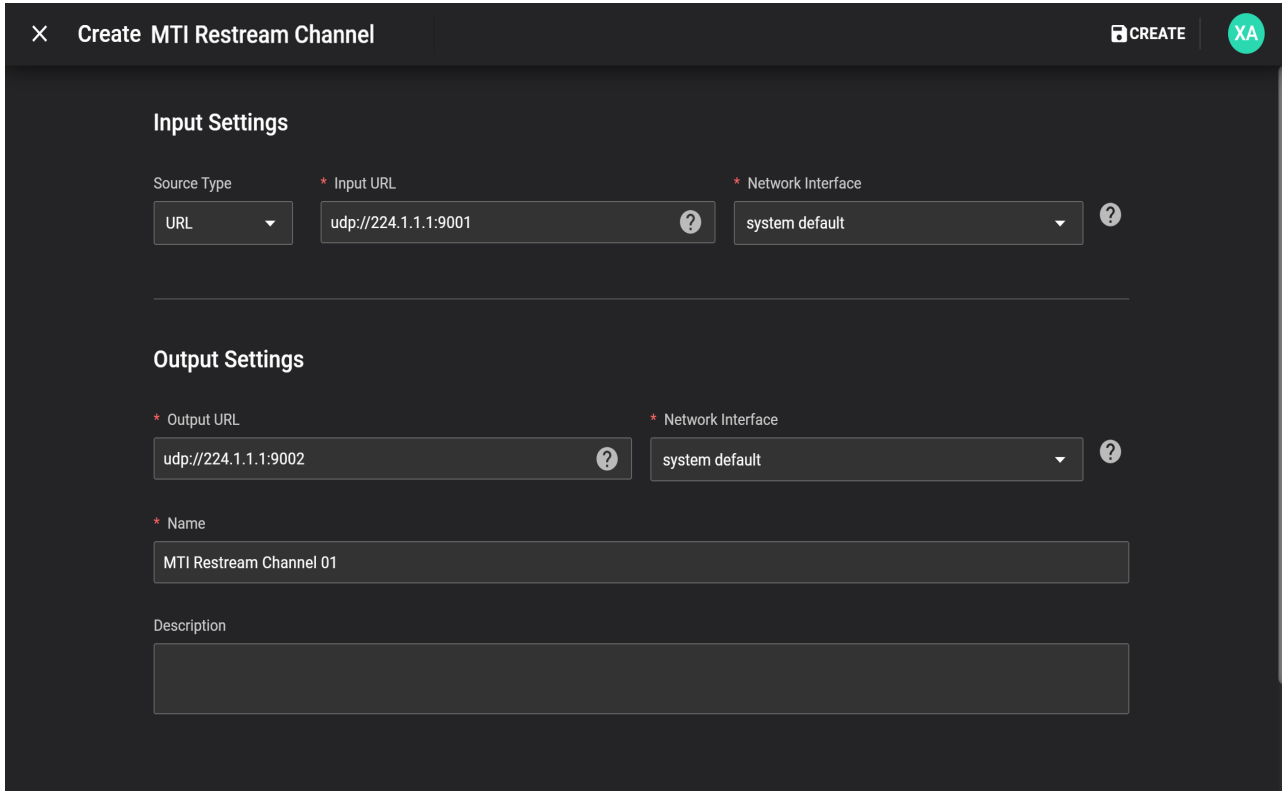
MTI (Moving Target Indicator) UDP (User Datagram Protocol) restreaming

GXP InMotion now supports restreaming of unicast or multicast MTI (STANAG-4607) feeds over UDP, making it easier to redistribute live MTI across networks, systems, and users.

This ensures critical MTI feeds reach all stakeholders quickly, improving collaboration and situational awareness in time-sensitive missions.



GXP InMotion now supports the restreaming of unicast or multicast UDP MTI (STANAG-4607) feeds.

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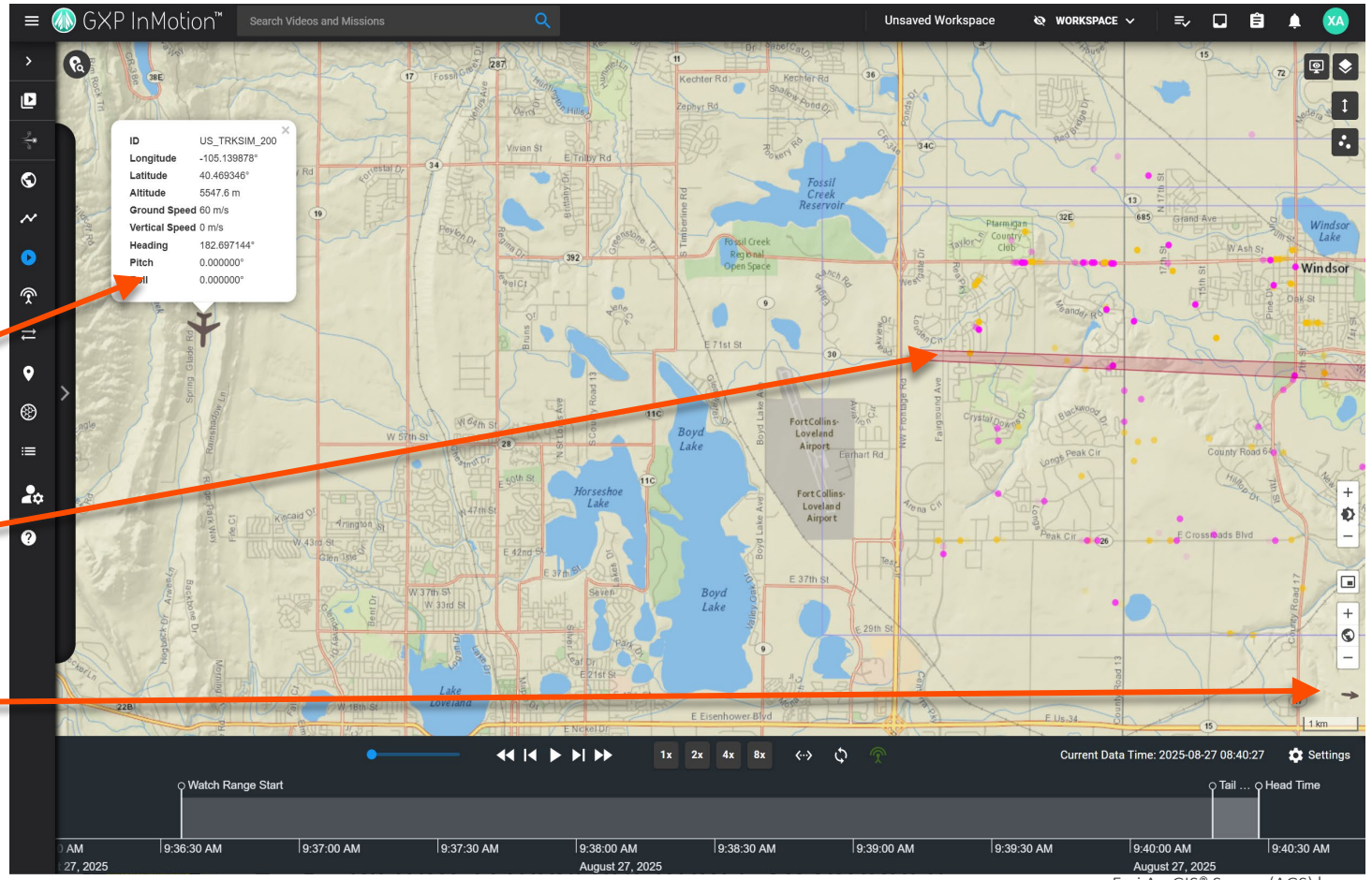
Enhanced MTI visualization for greater situational awareness

Analysts now gain richer situational awareness with text balloons showing MTI platform attributes, flight path trails for playback, and boresight arrows to keep track of platforms even when outside the map view. These enhancements make live and forensic MTI exploitation more intuitive and reduce the chance of missing critical context.

- Text balloons to display MTI platform attributes for live and forensic playback of MTI data.
- Trails to display the flight path of the platform (not shown here).
- Boresight arrows added in MOVINT UI for Live MTI exploitation. Boresight arrow will display when collection platform is outside of the map bounds and collection area.



Esri ArcGIS® Server (AGS) layers

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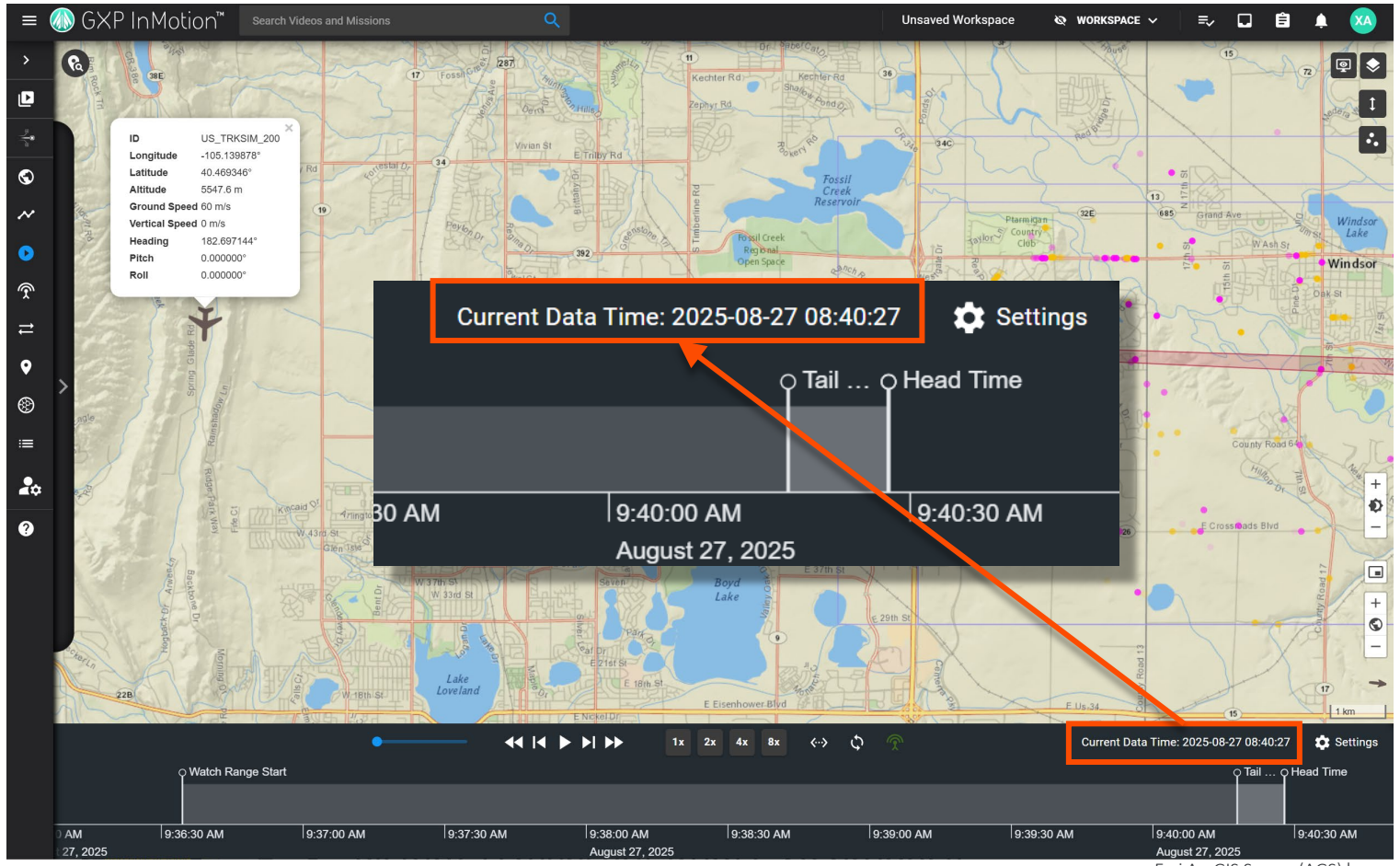
‘Current Date Time’ reporting into the MTI data timeline

The MOVINT UI timeline now displays the exact current date and time, down to the second, during both live and forensic playback.

This gives analysts clearer temporal context and greater accuracy when tracking events, strengthening situational awareness in time-sensitive operations.



Esri ArcGIS Server (AGS) layers

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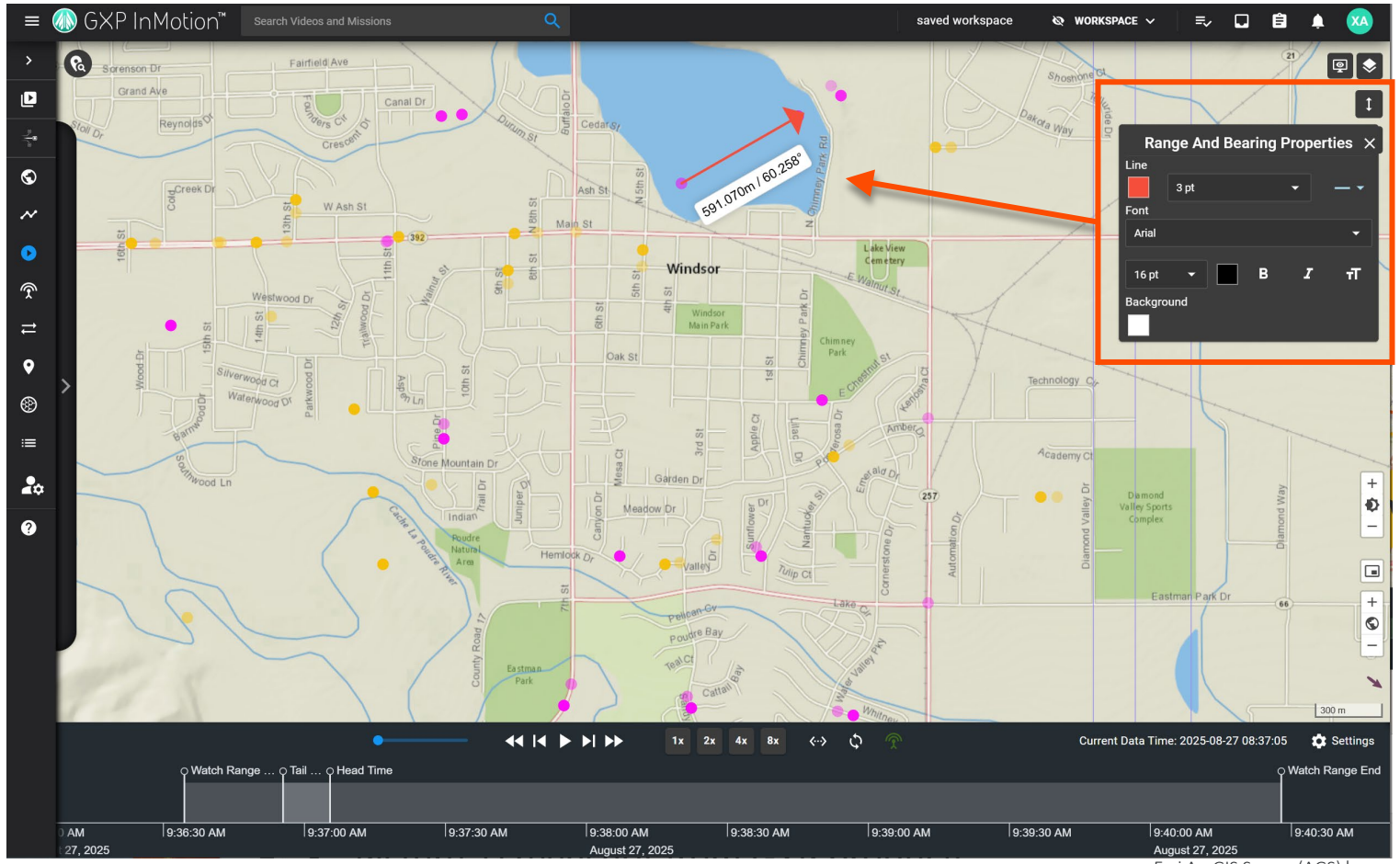
MTI Range and Bearing Tool in GXP InMotion Web

A new simple mensuration tool in GXP InMotion Web lets analysts quickly measure direction and distance between moving objects.

This improves situational awareness while aligning capabilities with GXP WebView® and desktop applications for a consistent user experience across the GXP Ecosystem.



Esri ArcGIS Server (AGS) layers

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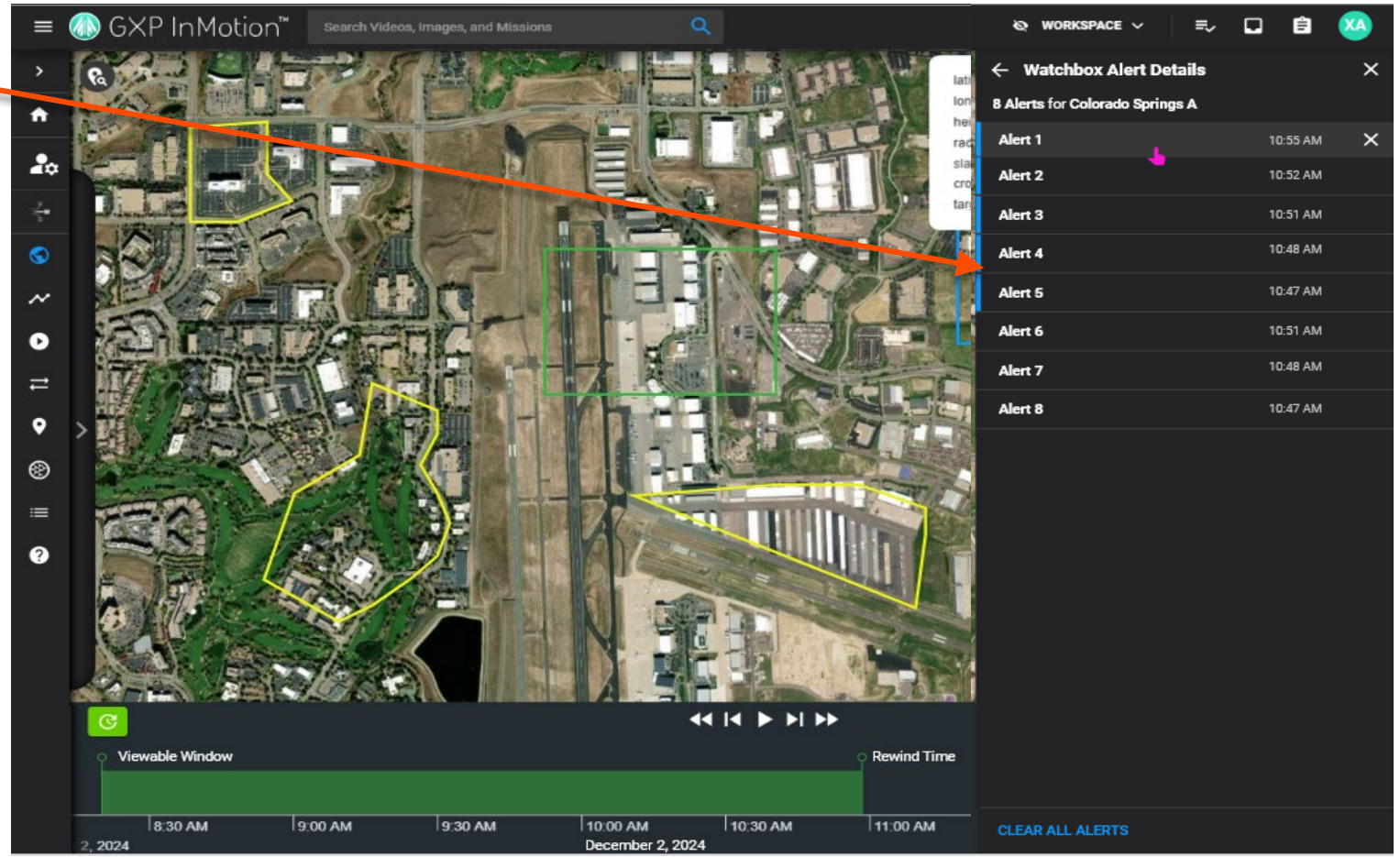
Enhanced Alert Services in Platform from Watch Boxes

TASS v2.2.0.0 introduced new API endpoints for Alert services associated with MTI Watch Boxes in the MOVINT UI (version 2.6.1.0), enabling the Alert publishing service to listen to message broker alerts.

Building on this foundation, Platform v2.6.2 introduces a REST interface that allows users to retrieve alerts and utilize them outside of the GXP Xplorer Platform. This enhancement expands the initial MTI deployment, providing greater flexibility and interoperability.



ESRI® ArcGIS Server (AGS) layers

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GXP Fusion v2.6.2 updates

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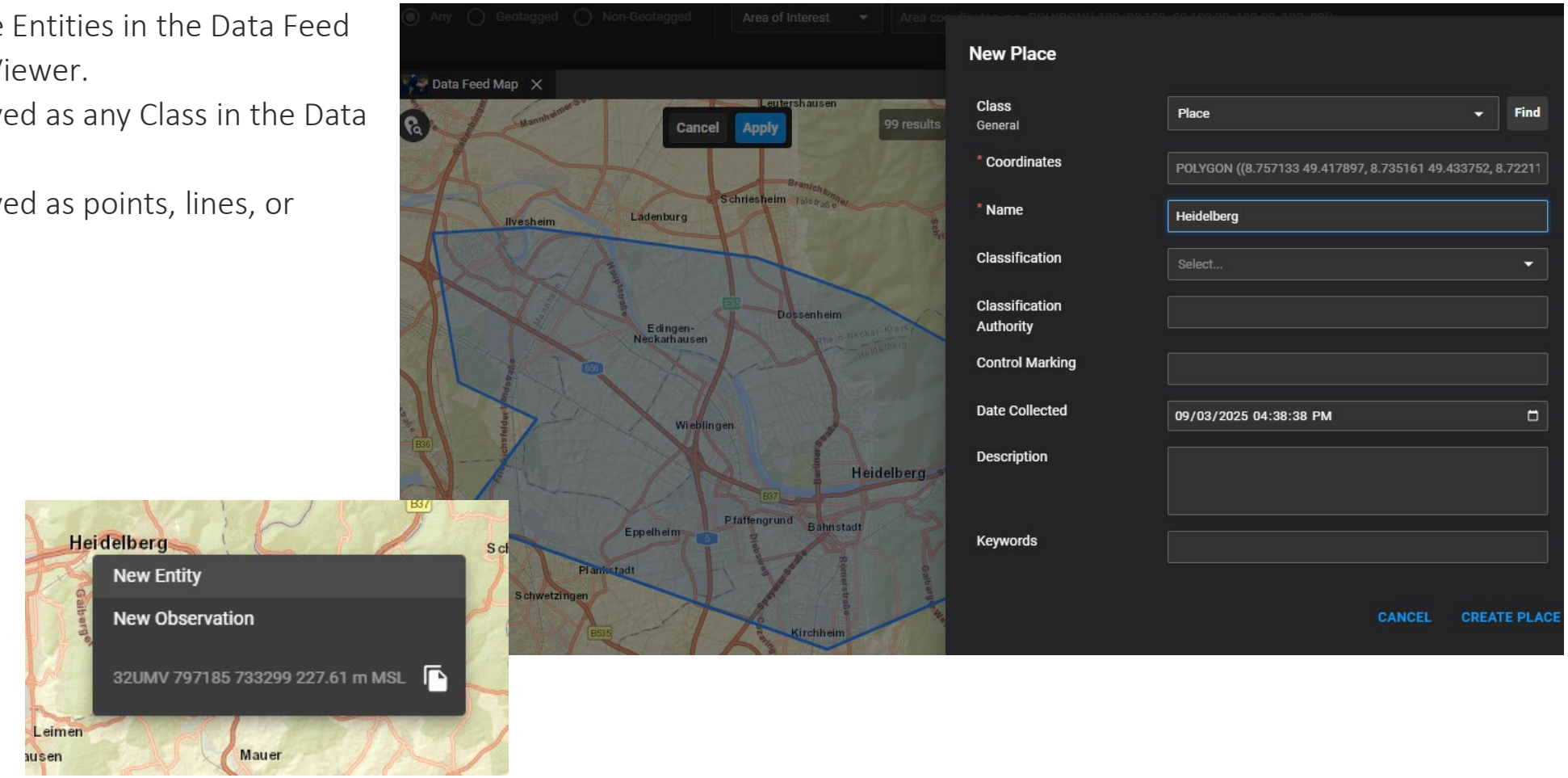
Create Entities in the Data Feed Map and Image Viewer

Users can now create Entities in the Data Feed Map and the Image Viewer.

- Entities can be saved as any Class in the Data Model.
- Entities can be saved as points, lines, or polygons.



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Thank you

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