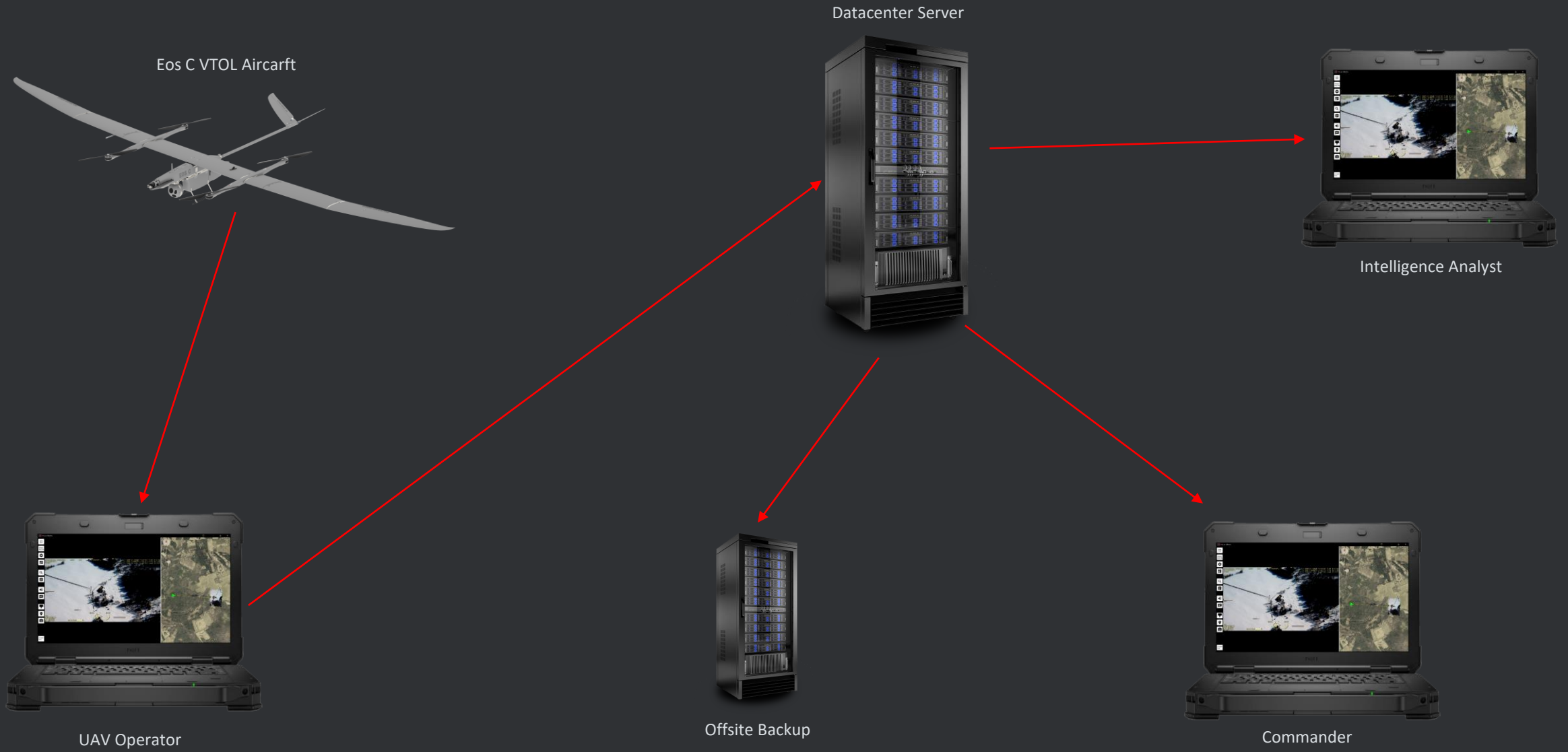
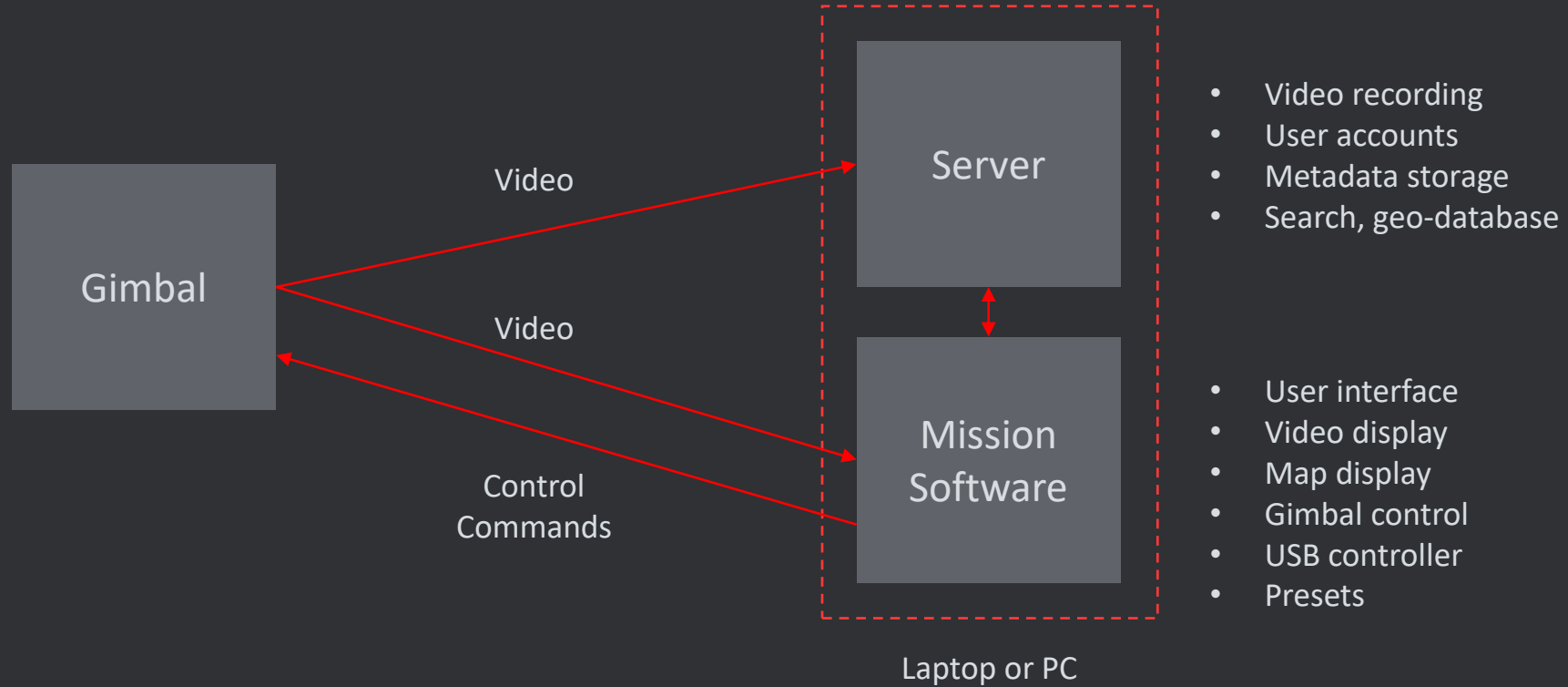


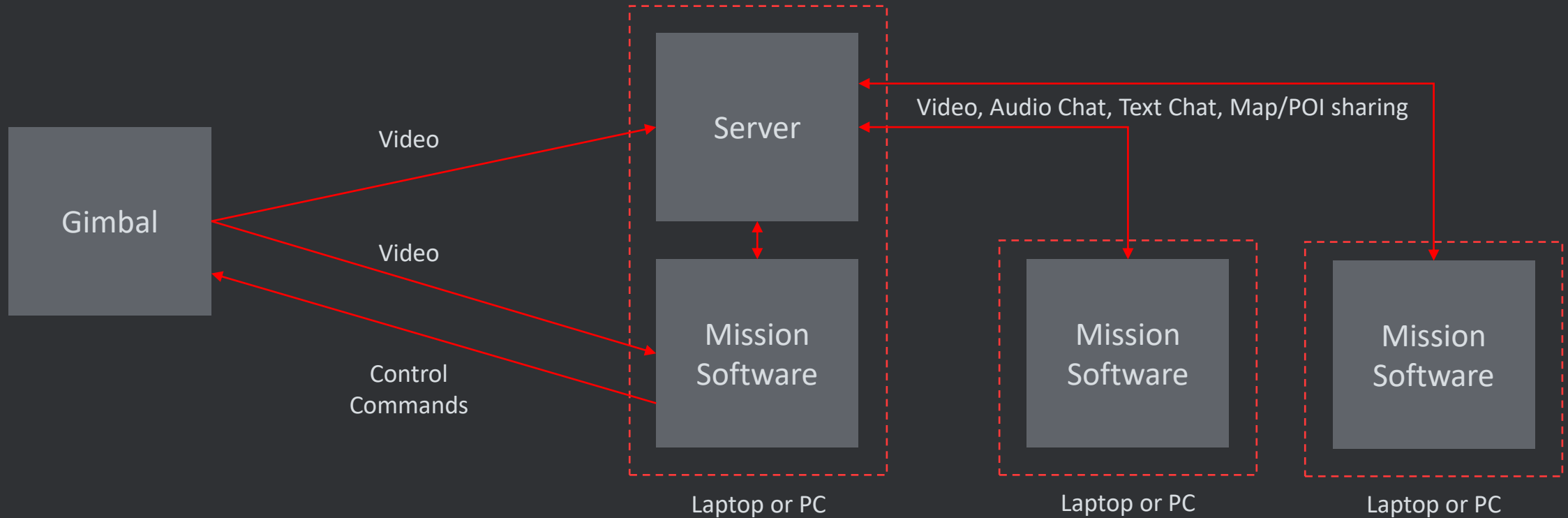
# Cloud Intelligence Collaboration Suite



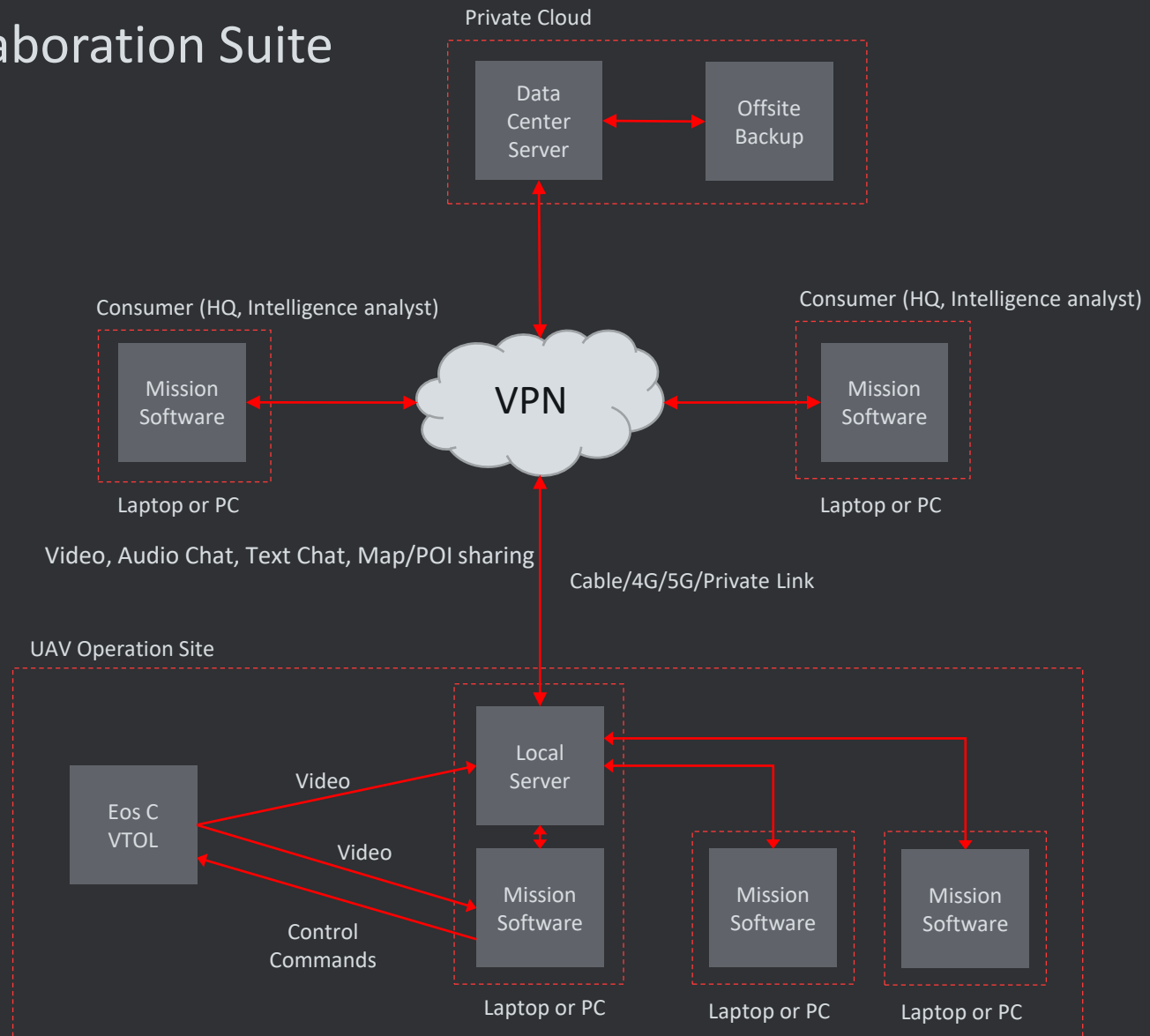
# Single User



# Multiple On-Site Users



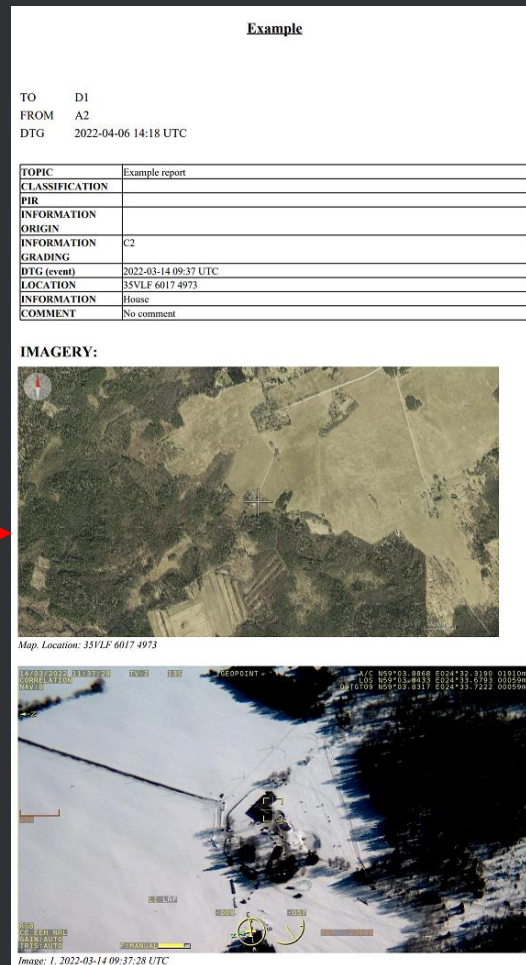
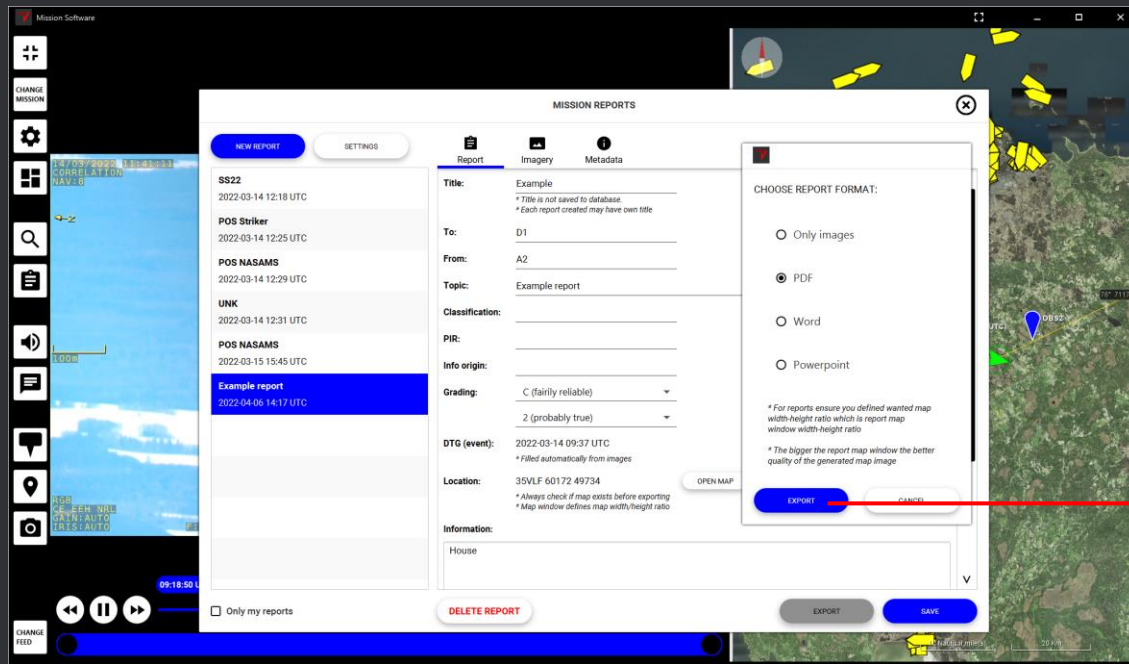
# Cloud Intelligence Collaboration Suite



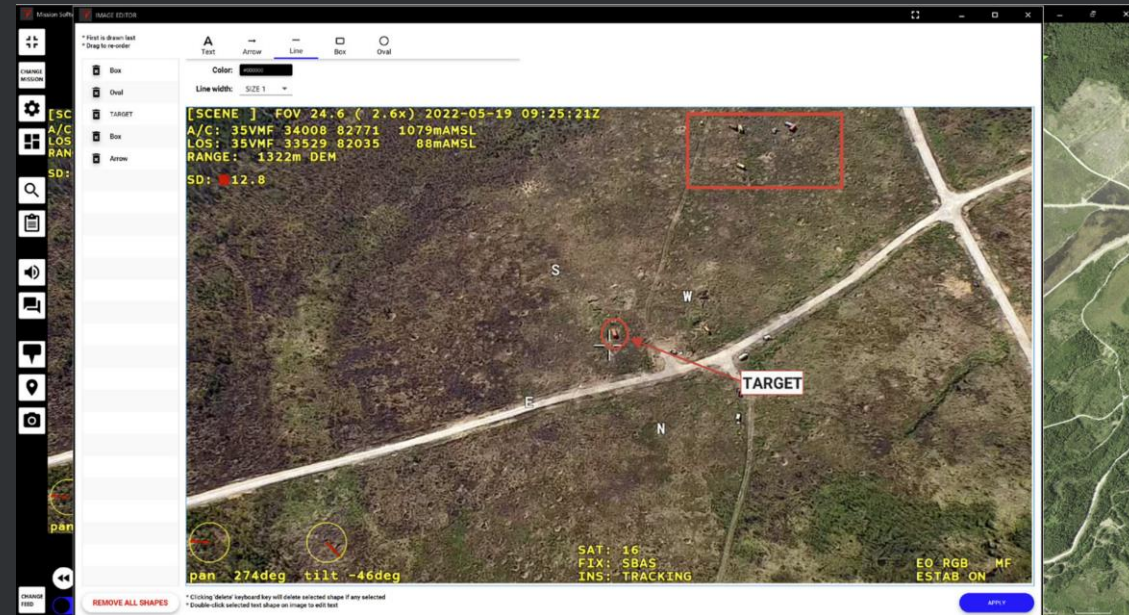
The screenshot displays the THREOD Mission Software interface. On the left, a vertical toolbar contains icons for various functions. The main video feed shows an aerial view of a field with a road, labeled "PLAYBACK PAUSED". Metadata for the scene is displayed in the top left: [SCENE] FOV 24.6 (2.6x) 2022-05-19 09:25:21Z, A/C: 35VMF 34008 82771 1079mAMSL, LOS: 35VMF 33529 82035 88mAMSL, RANGE: 1322m DEM, SD: 12.8. At the bottom left, camera settings are shown: pan 274deg tilt -46deg. A "QUICK PLAYBACK" window is open in the bottom center, showing a zoomed-in view of a road and labeled "PAUSED". It includes playback controls (play, stop, previous, next) and a time slider set to 09:07:37 UTC. On the right, a "SEARCH AREA RESULT" window displays a table of search results for a specific area, sorted by time from oldest to newest. The table lists timestamps and mission status for each frame.

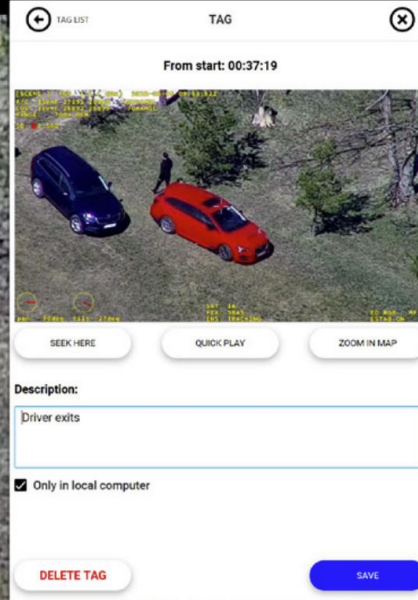
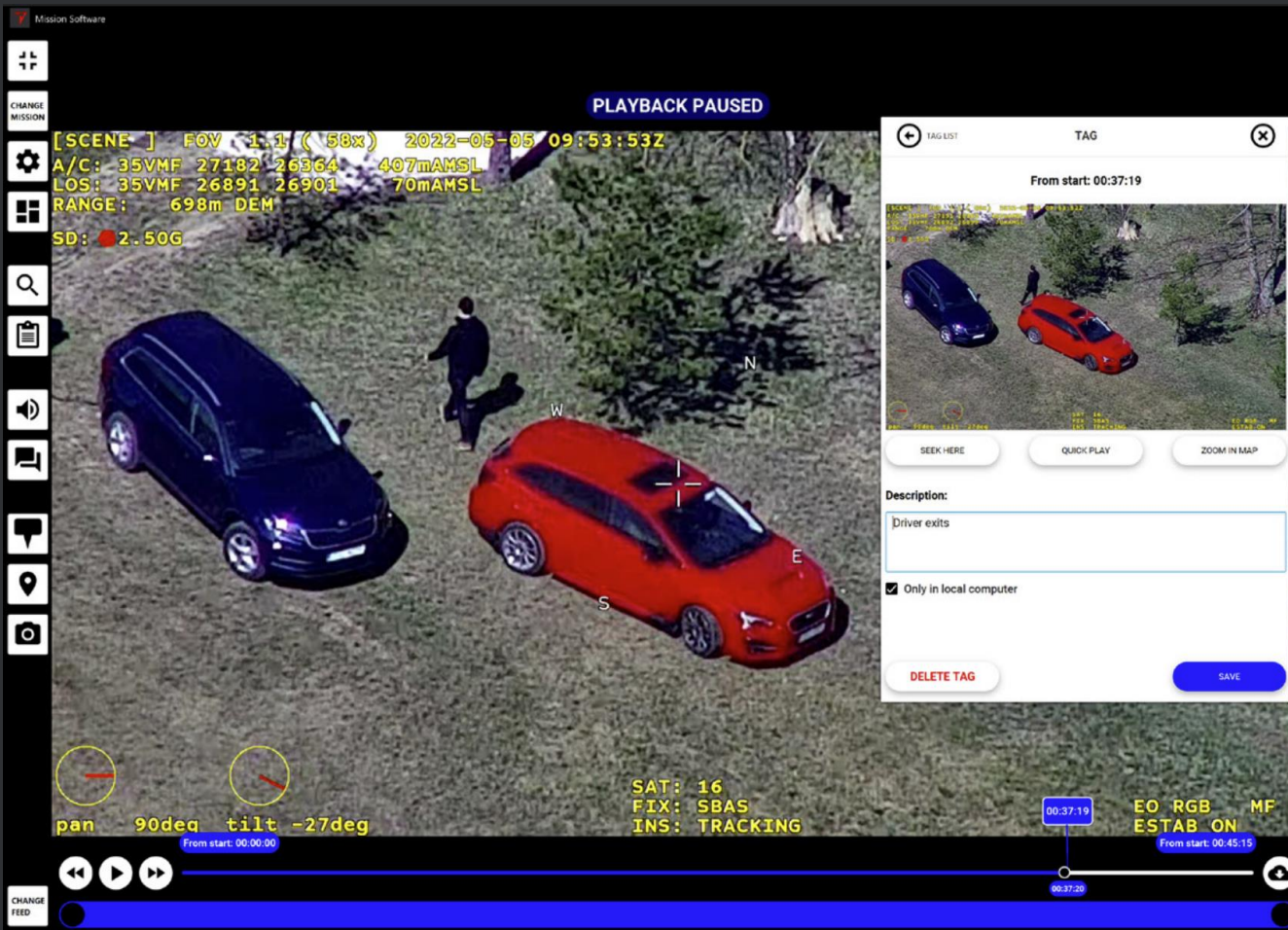
Timestamp	Duration	Mission Status
2022-05-19 08:52:38 UTC	00:00:22	CURRENT MISSION
2022-05-19 08:53:16 UTC	00:25:13	CURRENT MISSION
2022-05-19 09:18:44 UTC	00:18:24	CURRENT MISSION
2022-05-19 09:43:27 UTC	00:00:01	CURRENT MISSION
2022-05-19 09:44:02 UTC	00:00:00	CURRENT MISSION
2022-05-19 09:45:07 UTC	00:00:04	CURRENT MISSION
2022-05-19 09:47:56 UTC	00:00:12	CURRENT MISSION
2022-05-19 09:49:05 UTC	00:00:04	CURRENT MISSION
2022-05-19 09:49:51 UTC	00:00:04	CURRENT MISSION
2022-05-19 09:50:41 UTC	00:01:19	CURRENT MISSION
2022-05-19 09:52:37 UTC	00:00:32	CURRENT MISSION
2022-05-19 09:53:54 UTC	00:00:09	CURRENT MISSION
2022-05-19 09:54:30 UTC	00:03:55	CURRENT MISSION

- Store UAV video in a geographical database
- Search archived footage using coordinates
- Visualize historical footage side-by-side with live or loaded missions
- Allows the user to see the target area at different time periods



- Generate and share intelligence reports by combining multiple screenshots, geographical data and analysis
- Add vector overlays to highlight targets and other information
- Export to PDF, PowerPoint, Word formats
- Reports are stored in database and are searchable





- Create tags and timestamps with snapshots and descriptions
- Tags are saved in a database and are searchable
- Allows for efficient organization of surveillance footage
- Tags are highlighted on mission timeline and can be used for seeking
- Visualize tags on the map for added context

Mission Software

CHANGE MISSION

PAUSED FOR MEASURING

[VLOCK ] FOV 2.8 ( 23x) 2022-05-05 09:26:52Z  
A/C: 35VMF 26673 27420 574mAMSL  
LOS: 35VMF 24547 27516 67mAMSL  
RANGE: 2183m DEM  
SD: 4.20G

pan 114deg tilt -15deg

SAT: 16  
FIX: SBAS  
INS: TRACKING

EO RGB MF  
ESTAB ON

VIDEO RULER

LINE PATH AREA SETTINGS

Length: 39.6 Meters  
Heading: 153 Degrees

CLEAR LINE

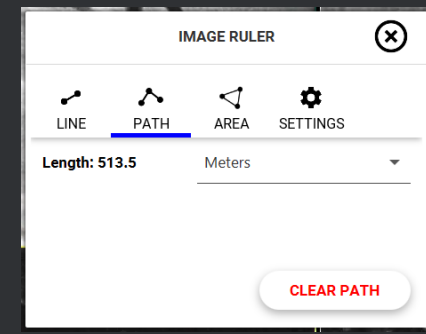
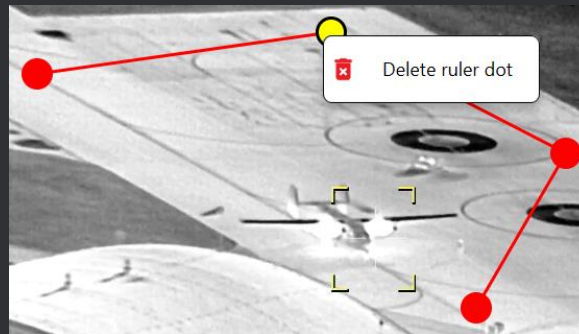
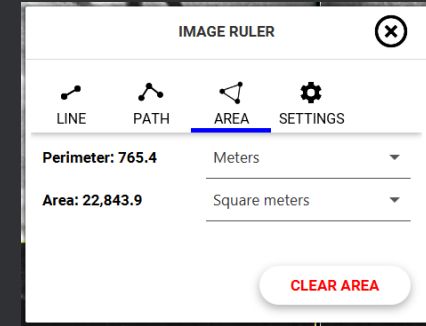
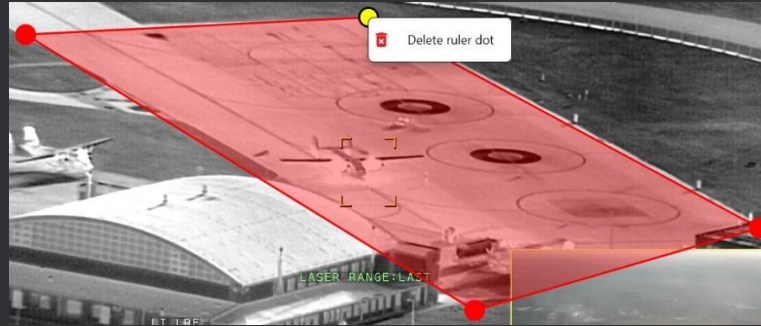
\* Close ruler window to resume video

CHANGE FEED

The screenshot displays the Mission Software interface. On the left is a vertical toolbar with icons for zooming, mission changes, settings, and other functions. The main area is split into two views: a top video feed and a bottom map view. The video feed shows an aerial view of a road intersection with a red ruler overlay measuring a distance of 39.6 meters. A 'VIDEO RULER' window is open over the video, showing options for LINE, PATH, AREA, and SETTINGS, along with the measured length and heading. The map view on the right shows a topographic map of the same area with a blue line indicating the video coverage footprint. Text overlays provide mission parameters like FOV, altitude, and sensor status.

- Visualize video coverage footprint
- Measure dimensions, directions and areas on the footage





# Collaboration

Commander



Payload Operator

