

ArcGIS® Video Server

Discover and stream geospatial video

What Is ArcGIS Video Server?

ArcGIS® Video Server for ArcGIS Enterprise enables indexing, searching, discovering, and publishing video services with geospatial and temporal context. Organizations collecting increasing amounts of video content from drones, security cameras, sensors, etc., can seamlessly integrate video as another spatial data source in their existing enterprise GIS workflows, information products, and dissemination patterns. As a server role for ArcGIS Enterprise, ArcGIS Video Server is an interoperable and commercially available solution that integrates and scales with your ArcGIS Enterprise, providing new capabilities for media management, exploitation, and analysis.

What Can ArcGIS Video Server Be Used For?

- *Utilities inspections, logistics management, asset inventory, and status monitoring*
- *Source for the detection, identification, and tracking of vehicles, humans, and other objects of interest in live and archival video*
- *Situational awareness of missions in near real time, including visualization in dashboards and geofencing detections and alerting*

How It Works



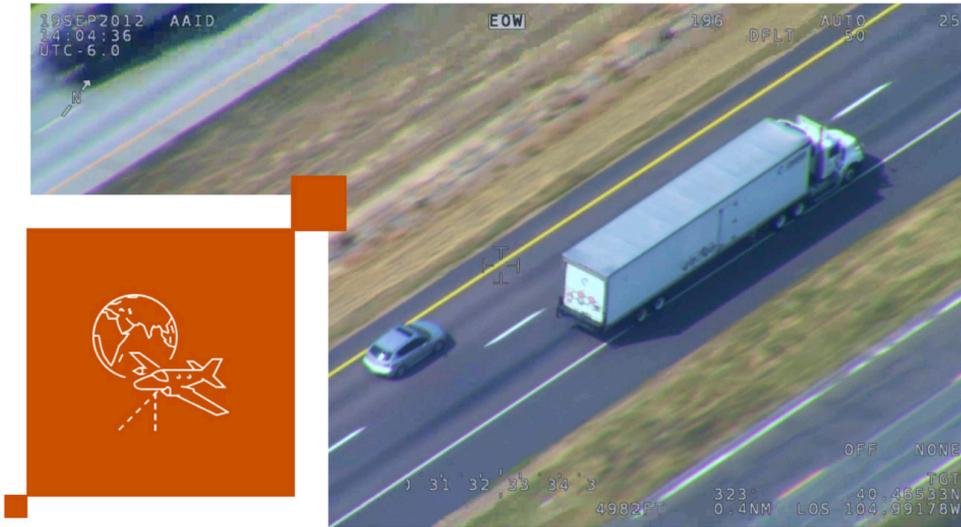
1. Index and search

2. Stream with adaptive bitrate

3. Use in ArcGIS

How Does ArcGIS Video Server Work within ArcGIS Enterprise?

ArcGIS Video Server enables publishing of video services within ArcGIS Enterprise. Like most back-end servers, it not only provides storage and data management but also the ability to access, stream, and use video in ArcGIS apps such as ArcGIS Excalibur™ and ArcGIS Pro. When it is paired with a web or desktop client, users can seamlessly perform geospatial analysis workflows on video.



Benefits of ArcGIS Video Server

- **Quickly find and access videos**
 - Supports both livestreaming videos and file-based archives of previously recorded video
 - Complies with a variety of video formats and industry standards
 - Allows streaming on any device (desktop, web & mobile)
- **Pair with clients to analyze and extract information from video**
 - Supports detecting and tracking object movement
 - Supports markups, measurements, and annotation
- **Leverage the security and accessibility of ArcGIS Enterprise**
 - Extend access to video services across your existing ArcGIS infrastructure
 - Seamlessly incorporate video into real-time workflows or integrate with historical data

FOR MORE INFORMATION

Visit esriurl.com/VideoServer to get more information, connect with the sales team, and ask questions.

