



# imajnet®

3D enabled  
field imagery service



## PRESENTATION

imajnet® is a safe and powerful featured web service giving access to nationwide surveys for any entity within an organization. Flexible, imajnet® is provided with plug-ins and SDKs to be integrated in any third party GIS web or desktop application.

### Applications :

imajnet® is designed to support transportation organization workflow with up-to-date geo-referenced images in support to asset management, maintenance and monitoring.



### TRANSVERSE

Serves every department within an organization.



### PRODUCTIVE

Can be integrated into any GIS application.



### AVAILABLE

Gives access to up-to-date field survey anytime and anywhere.



### ALL-DIMENSION

Enables time and space navigation.

### TOOLS

*imajnet® provides a set of tools :*

- A **photogrammetric tool** for 3D measurements and positioning.
- A **multi-view navigation tool** to switch views and orientations.
- A **timeline navigation tool** to overlap surveys and compare them over time.
- A **search engine tool** to look for specific places by address or linear coordinates (kilometric point+distance).

*imajnet® provides a safe management interface with login and password :*

- A **dedicated space** and a management interface for the administrator to upload, publish or remove imajbox® surveys, edit user profiles, control statistics and manage the Linear Referencing System (LRS).
- **All data hosted** on one of imaging cloud servers or deployed at customers premises.
- A **set of imajnet® clients** for any user and purpose.

## IMAJNET® COMPONENTS

### MONITORING

Security & Authentication



### MANAGEMENT

- Data administration
- Users administration
- Configuration
- Statistics

WEB APP

<https://web.imajnet.net/>

SDK

JavaScript SDK  
Integrated in your  
web applications

ESRI SUITE

Arcmap  
plug-in  
ArcGIS  
online  
widget

QGIS

QGIS 3®  
plug-in

MOBILE APP

imajnet® LRS App  
Google play  
application

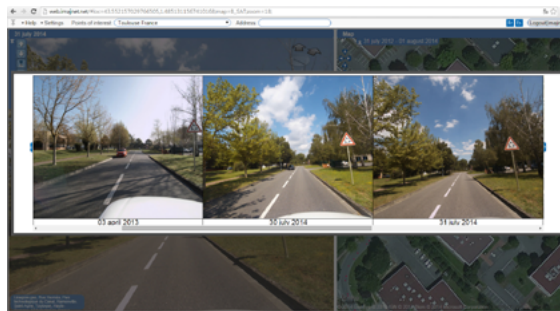


# imajnet®

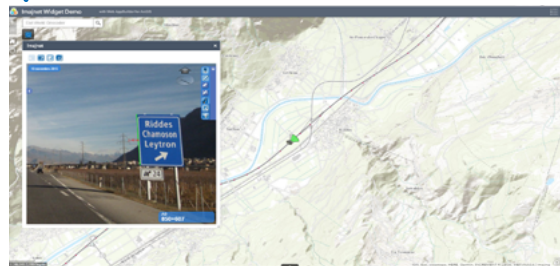
3D enabled  
field imagery service

imajnet® is delivered with a set of integrating tools :

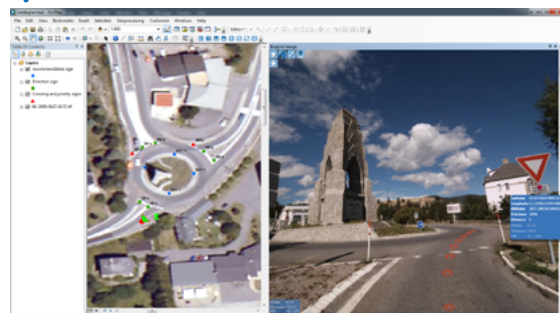
- Plug-in for ArcMap/ESRI.
- Widget for ArcGis®online/ESRI.
- Plug-in for QGIS3®.
- JavaScript for integration into third party GIS applications.



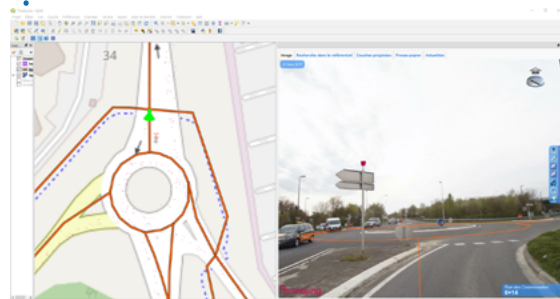
Timeline navigation with surveys comparison tool



imajnet® ArcGis® online widget



ESRI - ArcGis® plug-in



imajnet® plug-in for QGIS 3®



## MOBILE APP

For field operations  
Android application

imajnet® LRS App is an Android application running on any 3G Android phone having a GPS.

The application connects to imajnet® Linear Referencing System and computes in real time, on the field, the current location into LRS coordinate system.



## GIS APP

Third party GIS applications

imajnet® can be integrated to any third party GIS application (desktop or web), with the JavaScript SDK.



## WEB APP

For any audience  
Standalone web application

imajnet® standalone web application is an easy way to use imajnet® web service without specific integration. It is an interface for any user needing a quick access to hosted data.

OpenStreetMap and Microsoft® Bing Map are available as background maps.



## GIS INTEGRATION

For GIS users

imajnet® can be integrated to :

- ArcGis®online/ESRI with a dedicated widget.
- ArcMap®/ESRI with a dedicated plug-in.
- QGIS3® with a dedicated plug-in.

## What would imajnet® bring to your organization ?

- Provides up-to-date data availability to large organizations both in the office and on the field.
- Enables to navigate in nationwide networks gathering thousands of km.
- Serves any existing application.
- Connects GIS to field reality.