



FREQUENTLY ASKED QUESTIONS – VertiGIS Studio Inline

If your question is not answered below, please contact your Account Manager or info@vertigisstudio.com for more information.

General Information

1. What is VertiGIS Studio Inline?

VertiGIS Studio Inline allows users to quickly generate dynamic diagrams (e.g., straight-line diagrams, alignment sheets) that are embedded in web mapping applications, using linear referencing system (LRS) data. This allows organizations to better visualize their linear assets for improved management. Some of the key benefits are:

- Easily include dynamic charts in a variety of viewer frameworks
- Use the GIS as a system of record, so diagrams are always up to date
- Visualize multiple layers of overlapping data in innovative profile views
- Work with industry-standard data models (PODS, UPDM, Roads & Highways)

2. How do organizations use VertiGIS Studio Inline?

VertiGIS Studio Inline is used in a variety of industries that have linear assets like roads, pipelines, railways, and streams & rivers, to simplify management.

- Analyze road materials, pavement quality, and other factors for road & highway maintenance
- Monitor traffic patterns and compare with accident/collision data to improve safety
- Visualize pipeline integrity data to identify inspection points
- Manage pigging of pipelines for efficiency and to prevent errors
- Integrate with non-spatial asset management systems to provide users with a single interface
- Manage capital planning projects along transportation corridors



3. What is LRS data?

LRS stands for *Linear Reference System*, it's just another way of storing geographic locations. Most of the time, spatial data is based on a *Geographic Coordinate System*, with X and Y coordinates. With a Linear Reference System, feature geometry is stored as a single value, the M (*Measure*) value, based on the measured distance from the start of the line. If you see M values in your data, you have LRS. If not, we can assist with converting your data to LRS.

Access/Requirements

4. How is VertiGIS Studio Inline licensed? Are there free trials?

VertiGIS Studio Inline can be licensed standalone on an annual subscription basis per organization. The number of ArcGIS users in that organization will establish a licensing tier with an associated cost. Larger organizations can pursue custom, enterprise-level-agreement (ELA) licensing.

VertiGIS Studio Inline can be offered as a 60-day trial, to evaluate the software. Upon licensing, all development completed during the trial is preserved.

5. How can I access or install VertiGIS Studio Inline? What infrastructure is required?

VertiGIS Studio Inline is only offered as a software-as-a-service (SaaS) product, which means there is no installation process. The VertiGIS Studio Inline Designer, the tool for creating charts, can be found [here](#).

6. Do I need an ArcGIS Identity to use VertiGIS Studio Inline Designer?

An ArcGIS Identity with the ability to create content within Portal for ArcGIS or ArcGIS Online is necessary to sign in to VertiGIS Studio Inline Designer. This is required to enable access to save and share Views, but it's not necessarily required for end-users to open Views. For ArcGIS Online, the Identity used to access VertiGIS Studio Inline Designer does not need to be an organizational account, it can be a free, public account.



7. How are diagrams (*Inline Views*) stored and shared?

VertiGIS Studio Inline Views can be stored in ArcGIS Online or Portal for ArcGIS as items, or they can be saved to a local disk and shared via a web server (for example). End-users can access and run Views that are shared with everyone without having to sign in. If the View is not shared publicly, end-users must sign in with their ArcGIS Identity to access and run the View. If you want to store items in a Portal for ArcGIS, you need to first contact support@vertigisstudio.com to register your ArcGIS Enterprise with VertiGIS Studio Inline.

8. Can I secure VertiGIS Studio Inline Views with my Active Directory users?

Yes, if ArcGIS Online or ArcGIS Enterprise is federated with Active Directory. For more information on configuring active directory federation services, please refer to Esri documentation for [Portal for ArcGIS](#) and [ArcGIS Online](#). This does still require ArcGIS identities, but the identities are managed via AD/ADFS.

9. What GIS applications can I add VertiGIS Studio Inline to?

- VertiGIS Studio Web
- Geocortex Essentials
- ArcGIS Web AppBuilder

10. How can I add VertiGIS Studio Inline to my ArcGIS Web AppBuilder apps?

The VertiGIS Studio Inline widget for ArcGIS® Web AppBuilder can be downloaded within the VertiGIS Studio Inline Designer application or on [ArcGIS Marketplace](#).



Support/Training/Resources

11. Where do I go for help? How do I open a support case?

Our recommended method for requesting support is to create a case via the [VertiGIS Studio Community](#). You can also email our Support Team at vertigisstudio-support@vertigis.com to automatically create a case. You can also post your questions on the [VertiGIS Studio Community](#) and get answers from other users.

12. How do I get started? What resources are available?

The VertiGIS Studio Documentation Center is the best place to get started and includes detailed information on all VertiGIS Studio products. The VertiGIS Studio Community, Developer Center and YouTube Channel are also great places to learn more about VertiGIS Studio products:

- [VertiGIS Studio Documentation Center](#)
- [VertiGIS Studio Community](#)
- [VertiGIS Studio Developer Center](#)
- [VertiGIS Studio YouTube Channel](#)

13. What training is available?

We currently do not offer a training course for VertiGIS Studio Inline, but there are tech tips and webinars on the [VertiGIS Studio YouTube Channel](#).

Misc. Product-Specific Questions

14. Does VertiGIS Studio Inline have internationalization/localization support for language translations?

Yes. VertiGIS Studio Inline's translation feature enables you to present a View in different languages depending on the user's preference.



15. How does VertiGIS Studio Inline work with other VertiGIS Studio products?

VertiGIS Studio Inline can be used with VertiGIS Studio Web or Geocortex Essentials. VertiGIS Studio Workflows can also be integrated with VertiGIS Studio Inline to extend functionality by serving as a data source, connecting to other systems, providing users with guided experiences and more.

16. What LRS data formats can be used in VertiGIS Studio Inline?

VertiGIS Studio Inline is compatible with most industry-standard data models – such as PODS, UPDM, and Roads and Highways – or it can be used with your own proprietary data model.

17. Does VertiGIS Studio Inline work with Station Values (engineering segments)?

Yes. VertiGIS Studio Inline is compatible with data that uses station values. Views can be configured to handle a wide array of stationing options. It's also possible to configure Views to display values as station notation, even if you aren't using station values.