

Questions and Answers

Engineer roadway design options in context, optimize project performance, and share design alternatives via the cloud

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General Product Information

1.1 What is Autodesk® Roadway Design for InfraWorks 360™?

Autodesk® Roadway Design for InfraWorks 360™ software advances BIM for Infrastructure workflows by helping civil engineering professionals working on transportation projects more effectively explore preliminary design options and optimize project performance by engineering roadway geometry in the context of the existing environment. Civil engineering teams can streamline horizontal and vertical roadway geometry layout, including the design of intersections, using a powerful, rules-based toolset. Roadway Design for InfraWorks 360 takes advantage of the robust, data-rich model created in Autodesk InfraWorks 360 enabling project stakeholders to explore alternatives and communicate engineered project proposals more effectively within a compelling visual environment.

With Autodesk® Roadway Design for InfraWorks 360™ you can:

- Leverage the data-rich model created by aggregating disparate data in InfraWorks 360 to engineer roadway geometry in context
- Streamline intersection geometry layout and automate the creation of design proposals using industry standard design vehicles
- Better consider safety requirements early in project development by analyzing sight distances, including stopping sight, with a 3D model versus the traditional methods that consider only vertical profiles
- Maintain more consistent data, context, and processes across project workflows using documentation capabilities that feature a cloud-based sheet set service
- Accelerate the design process by taking geometry and road surfaces to Autodesk® AutoCAD® Civil 3D® software for detailed design work

1.3 What advantages does access to Autodesk® Roadway Design for InfraWorks 360™ cloud-based capabilities provide?

With Autodesk® Roadway Design for InfraWorks 360™, you can take advantage of all cloud-based capabilities accessible by InfraWorks 360 (licensed separately), including the ability to publish, store, and manage large models and project proposals centrally and more securely in the cloud. You can collaborate with multiple stakeholders by inviting team members to access, download, and edit shared models simultaneously and review multiple project proposals using the same data.

Project team members can view design alternatives in the field to enhance decision making. Public stakeholders can stay more informed and engaged, and provide real-time comments to project teams by accessing project proposals almost anytime, anywhere. Project models can be viewed on the go with a free* Apple® iPad® app, available via the iTunes® store.

Additional cloud-based capabilities include the ability to perform road profile optimizations that deliver a range of optimal solutions for consideration. By offloading computationally intensive processes you can more quickly assess roadway profile options using a combination of existing terrain data, proposed design parameters, design standards, and cost information. Roadway Design for InfraWorks 360 will help you accelerate project delivery with the ability to document designs established in context and share them seamlessly via cloud services for use with Autodesk® AutoCAD® Civil 3D®.

1.4 Can I try Autodesk® Roadway Design for InfraWorks 360™ before purchasing a license to it?

You can try Autodesk® Roadway Design for InfraWorks 360™ as part of your Autodesk InfraWorks 360 software trial. This fully functioning version is available as a free* 30-day trial. You can also try Autodesk InfraWorks 2014 as part of the Autodesk® Infrastructure Design Suite Ultimate edition or Autodesk® Building Design Suite Ultimate edition. Simply download the trial version.

1.5 Can I purchase a perpetual license for Autodesk® Roadway Design for InfraWorks 360™?

For more information on how to license Autodesk® Roadway Design for InfraWorks 360™, please refer to the “Buy” page located in the [Autodesk InfraWorks product center](#).

1.6 Does Autodesk InfraWorks 360 automatically come with the functionality found in Autodesk® Roadway Design for InfraWorks 360™?

No. Autodesk® Roadway Design for InfraWorks 360™ must be licensed separately.

Technology

2.1 How does InfraWorks 360 compare with Autodesk AutoCAD Civil 3D software, Autodesk 3ds Max Design software, Autodesk Revit software products and Autodesk Navisworks software products?

Autodesk InfraWorks 360 and Roadway Design for InfraWorks 360 advance BIM for Infrastructure workflows. The solution enables complementary workflows and is not meant to replace the use of other software. Roadway Design for InfraWorks 360 helps you engineer roadway geometry in the context of the natural and built environment and enables you to collaborate almost anytime from anywhere and communicate in new ways.

Products such as Autodesk® Revit® software and Autodesk® AutoCAD® Civil 3D® software are detailed design applications that can be used to further refine individual designs created in InfraWorks products. Autodesk® 3ds Max® Design software can be used to create more refined renderings and animations of the project proposals created in InfraWorks products. Autodesk® Navisworks® software products provide coordination, clash detection, and project management tools for smaller scale, individual building and infrastructure projects aggregating models generated in other products. InfraWorks enables you to create and visualize large-scale

infrastructure projects and multiple project proposals, in context, and has tools specifically built to help you create 3D infrastructure models and generate 3D scenes from 2D data.

2.2 What level of interoperability can I expect between Autodesk® Roadway Design for InfraWorks 360™ and AutoCAD Civil 3D 2014 and AutoCAD Map 3D 2014 software?

With Autodesk® Roadway Design for InfraWorks 360™, you can more quickly engineer geometry in context using infrastructure models with geospatial data created with Autodesk® AutoCAD® Map 3D software and LandXML data created in Civil 3D. IMX is an Autodesk format used specifically to exchange data between Autodesk InfraWorks 2014 and AutoCAD Civil 3D 2014. Note that due to schema changes, you cannot exchange data between Civil 3D and InfraWorks using IMX files created by earlier versions; for example, you cannot import IMX 2013 data into Autodesk InfraWorks 360. Building footprints, road centerlines, and other vector objects modified within InfraWorks can be accessed and viewed in AutoCAD Map 3D and AutoCAD Civil 3D software directly, with no export required. Additionally, you can document and share roadway design geometry using a cloud-based sheet set service to export existing surfaces, road surfaces, alignments and profiles to Autodesk® AutoCAD® Civil 3D®.

Installation, Configuration, Licensing

3.1 What are the system requirements for Autodesk® Roadway Design for InfraWorks 360™?

To find the latest system requirements for Autodesk InfraWorks products, visit the [Autodesk InfraWorks product center](#).

3.2 Does Roadway Design for InfraWorks 360 software require installing software on my desktop?

Autodesk InfraWorks 360 and Roadway Design for InfraWorks 360 include both desktop software and access to cloud-based capabilities. The software installs on the desktop in the same manner as traditional perpetual-licensed desktop products. Autodesk InfraWorks 360 cloud-based capabilities use the desktop, web or mobile devices as a client but leverage the storage capacity and virtually infinite computing power of the cloud and do not require additional software installation.

3.3 Does Roadway Design for InfraWorks 360 have to connect to the Internet to work? What if there is no connection? Can it work offline?

Roadway Design for InfraWorks 360 software will work when offline for up to 14 days, at which point you must connect to the Internet to continue. After seven days of disconnected use, you will be reminded about the requirement to connect to the Internet. An Internet connection is required in order to access Autodesk InfraWorks 360 cloud-based capabilities.

3.4 When does a rental plan term begin?

The rental plan term begins once you receive your order confirmation email. For example, if you place an order on August 31, 2013 and receive your order confirmation on the same day, the rental plan term begins on August 31, 2013. In this example, if it were a quarterly plan, the rental plan would expire on November 30, 2013, unless you chose to renew.

3.5 Is there any difference in files created with InfraWorks 360 and InfraWorks software?

No. There is no difference in files created in InfraWorks 360 and InfraWorks software. They are compatible with each other.

3.6 What happens to data stored in the cloud after a rental plan is not renewed or terminated?

Entitlement to InfraWorks 360 cloud-based capabilities continues until the end of the billing cycle, at which point all documents stored in Autodesk 360 Storage remain available for an additional 30 days (25Gb). If your rental license plan has expired you can continue to access and view existing design and documentation files during this period, but you will not be able to edit or add information to the files. After 30 days, your Autodesk 360 account will revert to the free* offering and storage limitations will be reduced from 25Gb to 5Gb.

3.7 Can an existing, perpetual InfraWorks software license be converted to a rental license plan of Autodesk InfraWorks 360 and Roadway Design for InfraWorks 360?

No.

3.8 Can Autodesk InfraWorks 360 and Roadway Design for InfraWorks 360 rental license plans be networked so that it can be shared within an office like perpetual software licenses can?

No. Rental license plans are named user licenses; each license can be used by one end user, who accesses the rental plan with his or her individual Autodesk ID.

3.9 Are the Roadway Design for InfraWorks 360 rental license plans transferable?

No. License transfer will not be permitted.

3.10 What does a rental license plan of Autodesk® Roadway Design for InfraWorks 360™ cost?

The price varies by region for both the annual and quarterly rental license plan of Autodesk® Roadway Design for InfraWorks 360™. Contact your Autodesk Account Executive, your Autodesk Authorized Reseller or visit the [Autodesk InfraWorks product center](#) for more information.

3.11 In what languages and countries will Autodesk Roadway Design InfraWorks 360 be available?

Roadway Design for InfraWorks 360 will be available in the English, German, French, Japanese, Simplified Chinese, Russian and Brazilian Portuguese languages and is available worldwide in countries where electronic license downloads of Autodesk products are permitted. Physical media is available in Japan.

Consulting, Training, and Support**4.1 How do I obtain technical support?**

Technical support is available from both Autodesk and Autodesk Authorized Resellers. Contact your Autodesk Account Executive or your Autodesk Authorized Reseller for more information.

*Free Autodesk software licenses and/or cloud-based services are subject to acceptance of and compliance with the terms and conditions of the license agreement or terms of service, as applicable that accompany such software or cloud-based services.

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