

Novotech

Render the universe



Make your 3D models available to everyone or anyone

Novotech delivers an affordable, scalable and reliable setup to manage heavy 3D assets in the cloud. Large engineering projects may include extremely complex 3D models in several formats. Novotech is the only technology that makes it possible to share these models in a secure and practical way

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Why Novotech?



Reduce costs up to 90%

Pay only for cloud storage. Distribute to as many users as you want, including external users. No extra cost per user



Access anywhere

Access from your web browser anywhere using a normal mobile device or laptop. No need for expensive hardware or purpose software



Extremely fast

Loading complex infrastructure in seconds, without the need to download files. Stream 3D assets like never before



Security

All your data is encrypted both in rest and in transit.



APIs

Novotech has open APIs allowing you to integrate with anything. Do you have IoT data, document handling systems, want to create a digital twin? No problem



APIs and integration

Novorender easily integrates 3D models from all suppliers into a single model that can be shared with anyone.

Use Novotech to extend the capabilities of any **Aveva design environment and others**, with no changes to existing workflows. Novotech becomes an extension, providing the ability to share detailed Digital Twins in a secure way, viewable on any device in any location.



Planning and collaboration

Novotech makes sure you can use the tools you are already utilizing for collaboration and planning.

Embed your 3D model directly into **Microsoft Teams**.

Integrate your workflow and work order with **Aveva Net, MS Planner** and others.

Visualize graphs in **Power BI**

and much more.



Sharing

Share 3D models of any size based on your needs. Novotech allows you to use **Active directory** to give employees / partners / customers / others access based on their access rights within your organization.

A model can also be shared by using the "**Generate Viewer Scene**" option. It can be distributed either by demanding the viewer to authenticate with a password, or simply by allowing access based on URL availability.

Or share in any other way you want - **your choice!**



Data formats

Novotech supports and integrates with all existing 3D tools and file formats such as:

STEP/STP/ISO-10303-21

PDMS - RVM - IFC

TERRAIN

and many more



Oil & Gas

Novorender is unique in its ability to combine large 3D-models in different formats into single models which can be viewed on any computer or mobile device. Unlike other viewers, Novorender ensures meta-data is not lost in the process, giving te remote viewer full access to all the details and all the meta-data such as part numbers, manufacturers, part specifications and more.



Construction

Use the 3D models to help engineers and builders on site during construction, reducing costs and avoiding misunderstandings

Share engineering models throughout development to all stakeholders: Investors, builders, project managers, local government and more



Shipyards

Use the 3D models from every phase of your projects, from design to creating a digital twin for your assets, allowing operations such as operation and maintenance.



Architecture and Design

Share 3D models with customers: Create 'virtual tours' of the new building, provide sun and shade simulations, get early feedback, discuss and agree on changes. Doing this early in the development process ensures fewer misunderstandings and voids expensive changes later



Process and power plants

Create a digital twin for your plant, allowing operations such as operation and maintenance.



.. and many more

For us at Novotech it is extremely important to be the best 3d model viewer for any industry and vertical.