



Make your 3D models available to everyone or anyone

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



Upload

Upload your existing 3D models in any format to the Novotech cloud



Share

Share securely with anyone inside or outside your organization



View

View model and metadata in full detail in any browser



The Novotech Advantage

AKA why you should use it

Others

- ✓ MAY REQUIRE EXPENSIVE SPECIAL PURPOSE SOFTWARE ON THE VIEWER SIDE
- ✓ MAY REQUIRE POWERFUL WORKSTATIONS IN ORDER TO RENDER 3D MODELS
- ✓ OFTEN RELIES ON LOCAL COPIES OF 3D DATA ON THE VIEWER SIDE - NO GUARANTEE OF VIEWING THE LATEST REVISION

Our solution

- ✓ SHARE 3D MODELS OF ANY SIZE
- ✓ NO LOCAL COPIES - STREAMING FROM THE CLOUD ENSURES EVERYBODY GETS THE SAME CONTENT
- ✓ NO SPECIAL PURPOSE SOFTWARE NEEDED ON THE VIEWER SIDE
- ✓ KEEP EXISTING WORKFLOW - NOVOTECH INTEGRATES WITH ALL EXISTING 3D TOOLS AND FILE FORMATS
- ✓ GIVES REMOTE WORKERS AND HOME WORKERS FULL ACCESS TO UPDATED ENGINEERING MODELS

[START HERE](#) →

WHAT WE DO

Increasing the business value of engineering

This is how Novorender works

[LEARN MORE](#) →

WHO IS IT FOR, AKA CAN I USE IT?

Construction and Real Estate development



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



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



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

INDUSTRY SPECIFIC

Oil and 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 to remote viewer full access to all the details and all the meta-data such as part numbers, manufacturers, part specifications and more. Novorender is also easily integrated with most commonly used IT platforms and tools.

Supported formats

- ✓ STEP/STP/ISO-10303-21
- ✓ PDMS - BVM - IFC
- ✓ TERRAIN

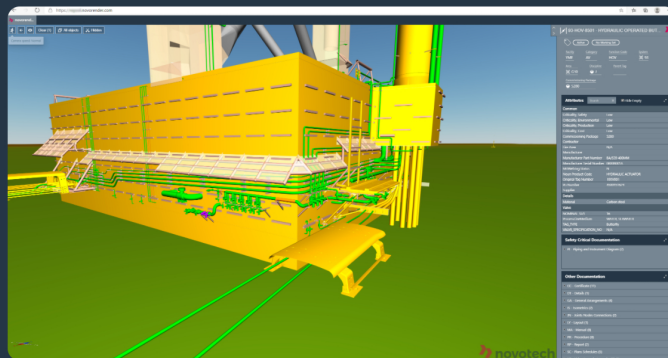
Easy integration

- ✓ AVEVA-NET
- ✓ AZURE ACTIVE DIRECTORY
- ✓ SHAREPOINT

Extend Aveva capabilities with Novotech

Use Novotech to extend the capabilities of any Aveva design environment, 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.

- ✓ PDMS - BVM - IFC SUPPORT
- ✓ AVEVA-NET INTEGRATION
- ✓ DIGITAL TWIN



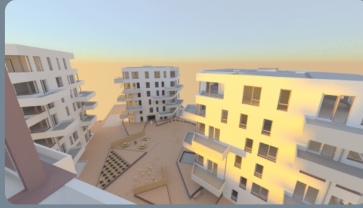
Architecture and Design



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

Sun and shade simulation: Provide exact simulations of sun and shade conditions for projects.

Path tracing for realistic lighting: Novorender's advanced light-baking technology provides a very accurate illustration of indoor lighting conditions.



ramp®