



CLASH AND VALIDATE BUILDING DESIGNS

Verifi3D
by Xinaps

The Workflow

Data-driven decision-making is at the forefront of the building design process. The real challenge is that building projects are inherently complex, involving multiple stakeholders and disconnected processes, and the building design data may not be **interoperable across different platforms** causing collaboration and efficiency issues.

Key Facts



96%

of all data captured goes untapped in engineering and construction projects.



29%

of construction professionals report that none of their software solutions have integrations with existing tools in the workflow.



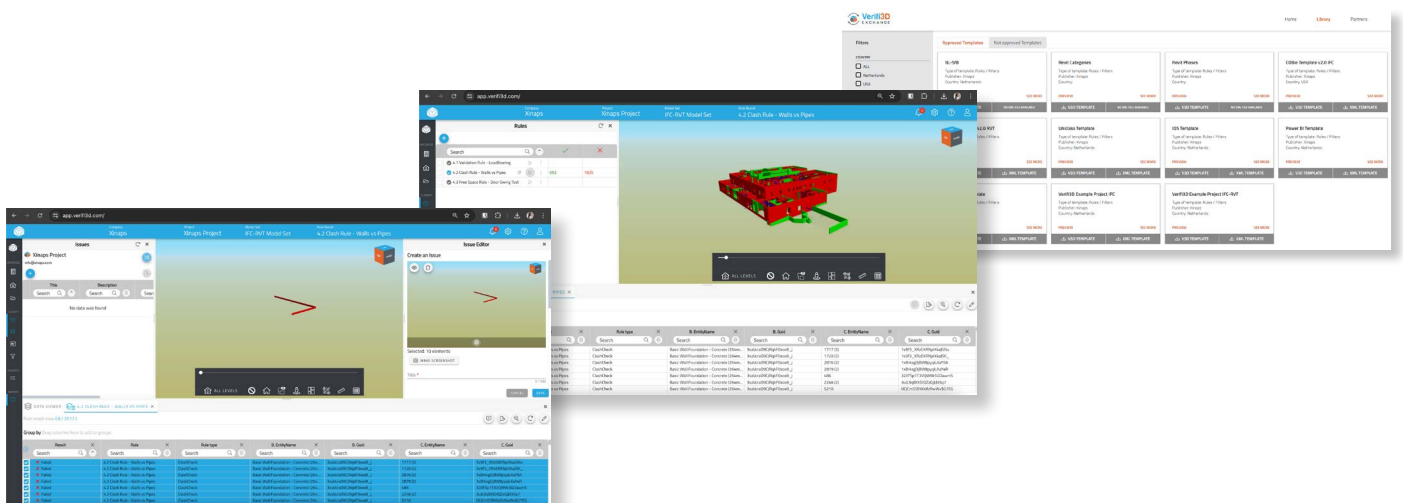
51.8%

of construction professionals report that they transfer data manually.

Source: FMI (2021)

The Solution

There is a need for a universal next generation model-checking solution that can **seamlessly integrate into the existing workflows** of building design teams. Thanks to Verifi3D's strong integrations and support for **openBIM**, access **project information on the go**. This enables **collaborative coordination** and interoperability among teams, regardless of the **data standards** used.



[Watch the video](#)

The Result

Users can **create federated BIM models** for their building projects and seamlessly **synchronize** and **access .rvt, IFC and DWG files** in Verifi3D. This allows teams to **visualize, automate checks** and **validate** their building design within their **existing workflows**, making it easier than ever to collaborate without having to experience data loss and inconsistency during conversion.

The **connected workflow** enables **model coordination** at all times and all environments, thus **increasing** the quality of work and reducing errors, costly reworks and manual checks in the process. By having **better control over design quality**, resources can be allocated more efficiently, resulting in an **increase in productivity by up to 30-40%**.

Integrated Workflows

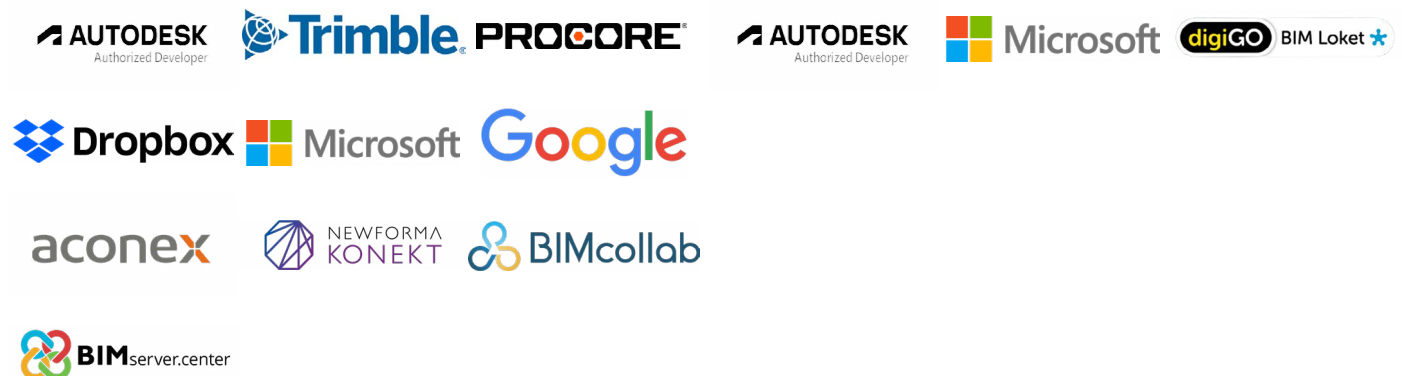


Common Data Environments (CDEs) play a crucial role in **facilitating efficient collaboration and information management** throughout the lifecycle of a construction project.

Verifi3D streamlines the model-checking process by **simplifying and optimizing existing workflows** through its advanced rule-based engine, 3rd party integrations and cloud-based structure. It is integrated with CDEs, such as **Autodesk Construction Cloud, Autodesk BIM 360, Dropbox, Trimble Connect, SharePoint, OneDrive, Procore, Google Drive, Aconex and BIMserver.center** and issue trackers, such as **Newforma Konekt, BIMcollab, Autodesk BIM 360 Issues, Procore Issues and Trimble Issues**.

By **leveraging** your preferred CDEs in combination with Verifi3D, users can keep **all project participants informed**, while **facilitating the synchronization of models** and providing an **automated** and more **efficient model checking workflow**.

Marketplace Partners



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Verifi3D's Functionalities:



3D Viewer: Load BIM files in a 3D Viewer, navigate with orientation points for better view.



Custom Rule Sets: Create, import, export custom rules, save and reuse for other models.



Data Validation: Ensure model compliance using predefined templates.



Soft Clash Detection: Automate clash, geometric and parametric checks.



Real-time Sync: Run the software on a web browser, without any installations. Live sync and share files on the go with project participants.



Data Viewer: Tailor your data organization with custom nested structures, providing the flexibility you need.



Quantities: Create Filters and FilterSets, perform quantity takeoffs, export to Excel and .csv.



Reporting: Report, sync and assign issues in real-time in the cloud. Export issues in BCF file formats or sync with your preferred issue trackers.

File Formats:



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- › E-learning
- › Support

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- › Support
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- › Integrations with CDEs and Issue Trackers

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About Xinaps

Xinaps was founded by a team of dedicated industry experts united by the desire to bring greater consistency in building data. Located in the heart of Europe's biggest incubator, YES!Delft, the Dutch Innovation Xinaps is the developer of Verifi3D, the next generation model-checking solution for building design validation.

We developed Verifi3D keeping in mind the existing challenges of Building Information Modelling (BIM) which is suitable for many people in the industry who are not directly involved in the design process but need to check and clash designs.

We are committed to the journey of the AEC industry where processes are automated, risks are managed, and customers are satisfied — let's build and future-proof the industry together!

Where to find us



verifi3d.com



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