



# CLASH AND VALIDATE BUILDING DESIGNS

---

**Verifi3D**  
by Xinaps



## The Workflow

A typical project contains a vast amount of information made up of multiple file formats and disconnected processes, which often becomes out of sync as changes occur throughout each project phase, affecting all aspects from discussions to handovers.

Verifi3D's workflow supports a more dynamic and synchronized approach based on User Access Roles: Company Administrators, Project Administrators and General Users. To start model checking, users can import models (locally or from CDEs) and combine them into Model Sets. By creating customizable Filters and Filter Sets, they can organize and classify building data. Rules and Rule Sets help automate clash, geometric and parametric checks. In addition, Verifi3D Exchange (a community-driven platform), allows users to download project templates to share, amend and take into other projects.



## The Challenge

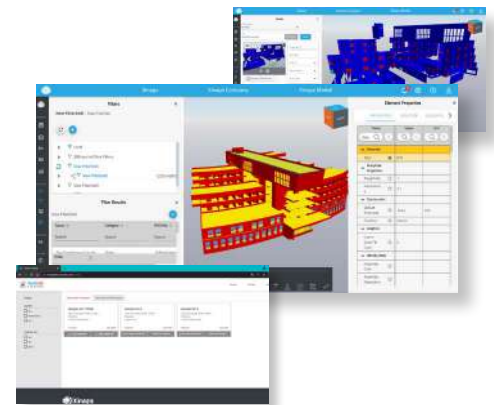
In any construction or engineering project, multiple workflows are happening at once. This can result in inconsistent building data - an industry and a global environmental problem. And it carries a hefty price tag. Left unaddressed, it can cause scalability issues, revenue loss, inaccurate project prioritization, rework and a higher carbon footprint. Data can make a difference, especially in design and early construction. A universal solution supporting workflows from design to the pre-construction stage is necessary to create high-quality building files.

[Watch the video](#)

## The Solution

Verifi3D bridges the gap between design and early construction. It tackles many of the issues by providing teams with enhanced model coordination, automated clash detection, geometric and parametric checking with an advanced rule-based engine for less manual work. It is browser-based for simple collaboration and better coordination between teams.

Verifi3D supports Revit and IFC files, eliminating the need for converting and transferring files without losing data. It is integrated with Common Data Environments (CDEs), such as Autodesk Construction Cloud, Autodesk BIM 360, Dropbox, Trimble Connect, SharePoint, OneDrive and Procore and issue trackers, such as Newforma Konekt, BIMcollab and Autodesk BIM 360 Issues. Users can create and export issue reports as BCF file.



## The Result

Verifi3D streamlines your model-checking process by simplifying and optimizing your existing workflow through its advanced rule-based engine, 3rd party integrations and cloud-based structure. As a result, users can improve profit margins, reduce rework, and carbon footprint. Put an end to inconsistent data through the automated clash, geometric and parametric checks and make your process more efficient and error-proof.

## According to our customers

up to **14x** more effective workflow and less time spent on rework compared to other industry solutions.

**40%** of miscalculations and mistakes can be avoided by using tools like Verifi3D.

➤ **User-friendly interface:** No training and no consultancy required.

## CHARACTERISTICS

### Functionalities:



**Custom Rule Sets:** Create, import, and export custom rule sets. **Save and reuse them** for other models.



**Real-time sync:** Run the software on a **web browser**, without any installations. **Live sync** with project CDEs. Upload, check files in real-time and share with other project participants.



**Data validation:** Use **templates** to ensure that the model information is in accordance with **project requirements**.



**Reporting:** Report issues to **issue trackers** such as Autodesk BIM 360 Issues, BIMCollab, Newforma Konekt or via a **BCF file**.



**Soft clash detection:** Using discipline-based models, quickly check for any potential issues prior to construction and highlight them with a **section box**. Perform **geometric** and **parametric checks**.



**Quantities:** Create Filters and FilterSets, take them into **quantity takeoffs** and export them into Excel files.

### Integrated with:

#### Common Data Environments



› Have a single source of truth for all your project data. Ensure a seamless flow of information real-time.

#### Issue Trackers



› Make data driven decisions. Identify, track, report and assign issues real-time and create better models.

#### Project Management



› Integrate data at the project level. Visualize your construction data and turn data into actionable insights.

### Available on:

**AUTODESK** App Store

**Dropbox** App Center

Microsoft | Azure Marketplace

**PROCORE** App Marketplace

### Choose your plan:

<p style="text-align: center; font-weight: bold; font-size: 1.2em;">Free</p> <p style="text-align: center;">14-Day Trial</p> <ul style="list-style-type: none"> <li>› Unlimited BIM models</li> <li>› E-learning</li> <li>› Support</li> </ul> <p style="text-align: center; background-color: #e67e22; color: white; padding: 5px; border-radius: 10px;">Request a trial</p>	<p style="text-align: center; font-weight: bold; font-size: 1.5em;">Verifi3D</p> <p style="text-align: center;">Per Seat</p> <ul style="list-style-type: none"> <li>› Floating license</li> <li>› Unlimited BIM models</li> <li>› E-learning</li> <li>› Support</li> <li>› Online training</li> <li>› Integrations with CDEs* and Issue Trackers**</li> </ul> <p style="text-align: center; background-color: white; color: #e67e22; padding: 5px; border-radius: 10px;">Get a proposal</p>	<p style="text-align: center; font-weight: bold; font-size: 1.5em;">Verifi3D</p> <p style="text-align: center;">Enterprise</p> <ul style="list-style-type: none"> <li>› Everything on per seat</li> <li>› API Integration</li> <li>› Power BI</li> <li>› Consultancy Services</li> </ul> <p style="text-align: center; background-color: #e67e22; color: white; padding: 5px; border-radius: 10px;">Contact us</p>
---	---	--

\* Autodesk BIM 360, Autodesk Construction Cloud, Dropbox, Trimble Connect, Procore, SharePoint, OneDrive

\*\* Newforma Konekt, BIMcollab, Autodesk BIM 360 Issues

### Trusted by:





## About Xinaps

Xinaps was founded in 2016 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 cloud-based (SaaS) 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!

## Our partners



evolveconsultancy



## Where to find us

