BROCHURE

Octave OnSite Visualize

BIM software for Autodesk Navisworks®





Octave Onsite Visualize (formerly iConstruct PRO)is a building information modeling (BIM) software for Autodesk Navisworks®, suitable for a large range of industries worldwide. It uses advanced features to improve project performance and drive collaboration and efficiency across the project lifecycle by ensuring a high-quality conditioned model.

About OnSite Visualize

OnSite Visualize is the award-winning software that saves engineering professionals up to 200 hours per month for in Energy & Resources, AEC and Infrastructure industries.

OnSite Visualize

A complete bundle of plug-ins and add-ons to manage and maintain projects from concept to completion and beyond.



Onsite Visualize features

- Append Data
- Audit
- Center of Gravity
- Clash
- Clash Manager
- Clash Reports
- Color Code
- Create QA View
- Data Links
- Dimension Tool
- Dynamic Labeler
- Explode Tool
- Export Data
- Find and Replace
- Infobin
- Integrator
- iView Exporter
- Laser Point Creator
- Macro Configuration
- Math Calculations
- Model Compare
- Model Compiler
- Open File
- Photobin
- QR Code Reader
- Quick Viewpoint
- ReConstruct
- Revit Client
- Room View Creator
- Select Similar
- Smart BCF Exchange
- Smart DWG Exporter
- Smart IFC Exporter
- View Report
- Zone Tools

"For all those who are not satisfied with integrated future promises and need working solutions today, solutions that can bring order and structure to your projects, OnSite Visualize is there to help you. The combination of development skills, industry insight and agility the OnSite Visualize team has, makes implementation easy no matter how complex your challenge is: resolving thousands of clashes, or structuring metadata on drawingless design and construction projects is possible."

Marius Jablonskis, Technology Manager, Norconsult

Building intelligence through OnSite Visualize BIM solutions

OnSite Visualize's powerful and advanced technology is constantly evolving to deliver a more enhanced BIM. Utilizing the collaboration and review technology of Autodesk Navisworks, OnSite Visualize allows users to configure and manage a range of information from various models (plus additional data) into a manageable, multi-user format.

Smart and efficient clash management

Improve the efficiency of clash coordination with OnSite Visualize's Clash features by quickly grouping and reviewing clashes, and creating viewpoints with one simple click.

Group

Clash Manager and Group features help user save valuable time by grouping clashes within projects and quickly prepare models for coordination. Users can use pre-set templates or apply their own grouping rules to clean up clash data into more manageable tasks. Clash Manager provides advanced features to manage duplicate clashes, prioritize and group clash items, enable zone grouping and more.

Review

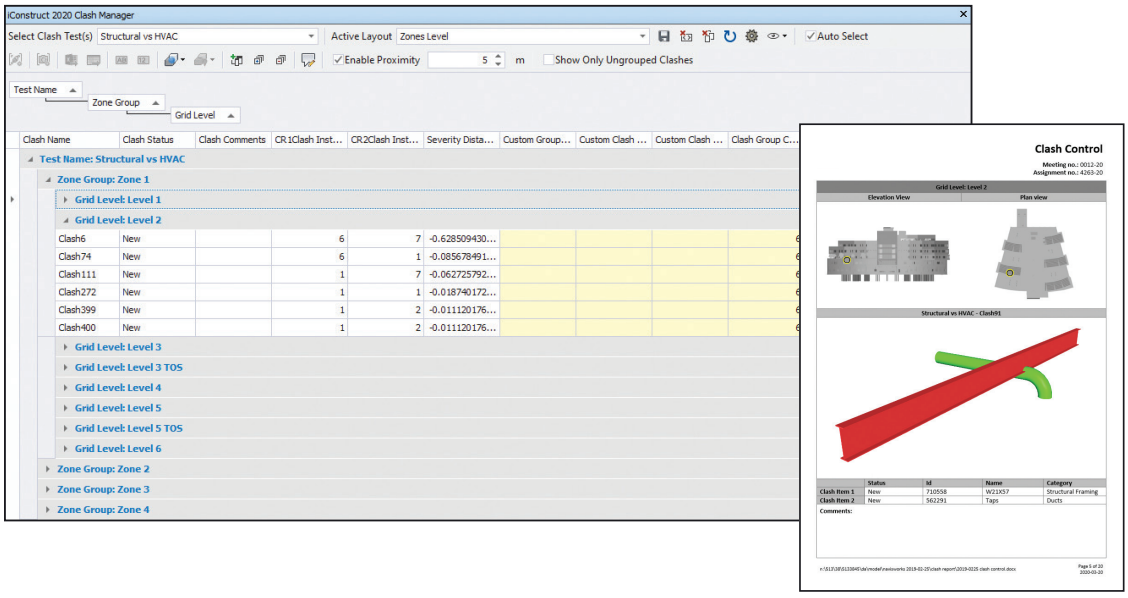
This simple tool will save your team countless hours in clash management by allowing them to modify clash properties of the whole group instantly. Changing Status, assigning to or adding comments is as easy as ever

Viewpoints

Creating viewpoints just got simpler. Select your viewpoints and place them in a user-defined folder structure with one click.

Clash report

Using advanced report designer functionality, you can create custom Clash Reports to meet virtually any stakeholder need, from executive dashboards to detailed lists with element properties and visual location markers.



"I couldn't imagine running another project especially something as a large infrastructure project without using OnSite Visualize."

Belinda Thompson, BIM Lead, GHD Western, Australia

Model coordination and data management

Enhance model coordination and data management with various toolsworking together in the creation of a consistent and serviceable model.

ReConstruct

A powerful tool that lets users reorganize and group a model's hierarchy, optimizing the selection tree for different stages. It also enables exporting cropped models using section planes or cuboid zones to create portable files.

Integrator

Integrator allows users to create their own custom data tabs within Navisworks by taking data from one or more read-only data tabs and combining them into one. The ability to parse Excel formulas in relation to item properties has quickly become one of OnSite Visualize users' favorite tools.

Data links

Data Links brings in related information from external data sources to be displayed within the Navisworks model.

Export data

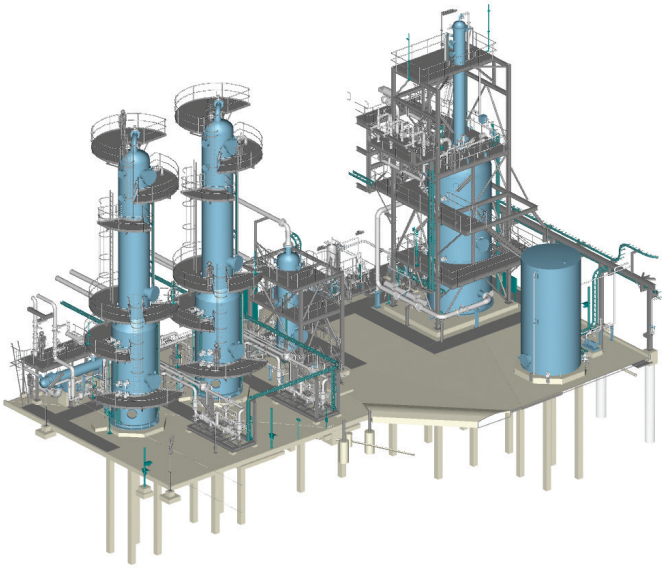
Export Data feature allows users to export customized reports from data within your Navisworks models in various formats including Excel, MS access and PDF.

Task automation

Automate and schedule frequently used OnSite Visualize and Navisworks routines, multi-step or repetitive tasks using BIMflow.

BIMflow

BIMflow application maximizes productivity for all engineering projects and streamlines processes. Users can design their own workflows and put their ideas into practice. The workflows created in BIMflow can include any of OnSite Visualize modules as well as Navisworks own features. Once the BIMflow is designed and running, it follows all the commands and features one-by-one and creates the federated model in an unattended mode.



"Before we started using OnSite Visualize, our data was located across different silos, and we couldn't efficiently link up the required information. OnSite Visualize helped us to bring all our data together and contain it within the model, which allowed us to use it as a driver for generating reportable data. We brought data from various sources and used the model as our source of data for reporting. These changes were significant for us."

Ciaran McCreary, Life Science and Technology - BIM Manager, Mercury



"The reduced time in creating reports allowed us to focus more heavily on our core role of coordinating the project and getting it to a point where it can be constructed."

Nathan Trevaskis, Director, Bimfire

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency, and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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