

iConstruct

BIM SOFTWARE FOR AUTODESK® NAVISWORKS®

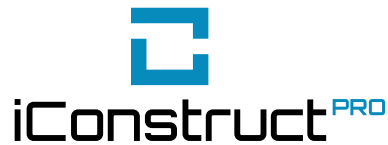
iConstruct is a building information modeling (BIM) software for Autodesk® Navisworks®, suitable for a large range of industries worldwide. It utilizes advanced features to improve project performance, and drive collaboration and efficiency across the project lifecycle by ensuring a high quality conditioned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



www.iconstruct.com

ABOUT ICONSTRUCT

iConstruct is the award-winning software that saves up to 200 hours per month for BIM/VDC Coordinators and other engineering professionals in Infrastructure, AEC and Energy & Resources industries.



iConstruct PRO

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

ICONSTRUCT FEATURES

- > APPEND DATA
- > AUDIT
- > BIMFLOW
- > 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

Building Intelligence through iConstruct BIM Solutions

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

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

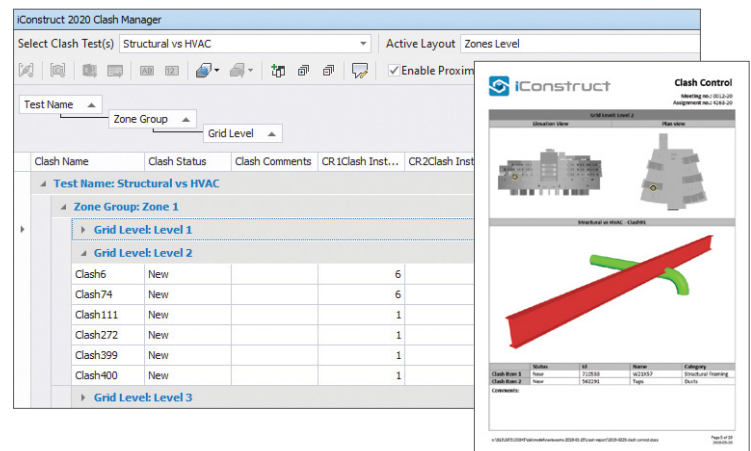
Marius Jablonskis,
Technology Manager at Norconsult

Smart and Efficient Clash Management

Improve the efficiency of clash coordination with iConstruct Clash features by quickly grouping and reviewing clashes, as well as creating viewpoints with one simple click.

GROUP

Clash Manager and Group features helps user to save valuable time by grouping clashes within projects and quickly prepare models for coordination. User can use pre-set templates or apply their own grouping rules to cleanup clash results data into more manageable tasks. Clash Manager have various options and unique features that allow user to manage duplicate clashes, prioritise clash items to group, offer Zone Grouping and many 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 was never as easy as it is with the review tool.

VIEWPOINTS

Creating viewpoints has never been so easy. Select your viewpoints and place them in a user defined folder structure with one click.

CLASH REPORT

By using advanced report designer functionality, you can create your custom Clash Reports to suit virtually any project stakeholder requirement, everything from executive dashboard reports to detailed lists with clashing elements properties and visual location markers.

Model Coordination and Data Management

Enhance the model coordination and data management with various tools. All these work together in the creation of a consistent and serviceable model.

RECONSTRUCT

A powerful tool that allow user to reorganize and group a model's hierarchy optimizing the model's selection tree for different stages. Export cropped models based on section planes or cuboid zones to make files portable.

INTEGRATOR

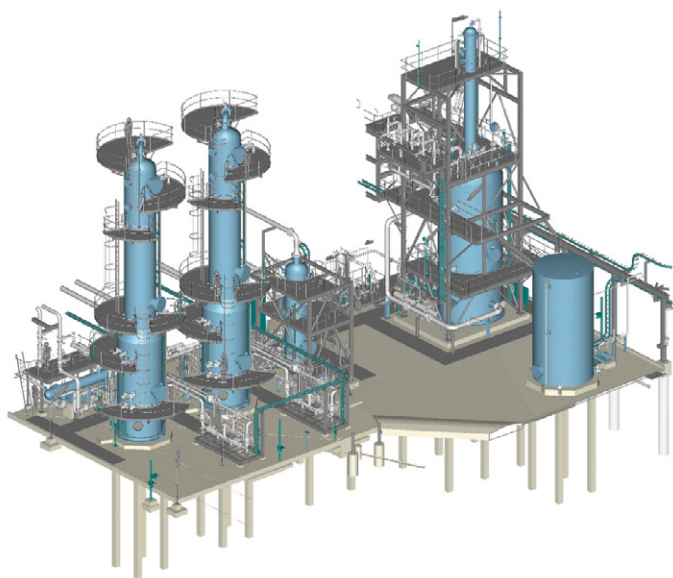
Integrator allows users to create their own custom data tabs within Navisworks® by taking data from one or more read-only data tabs and combining them into one.

DATA LINKS

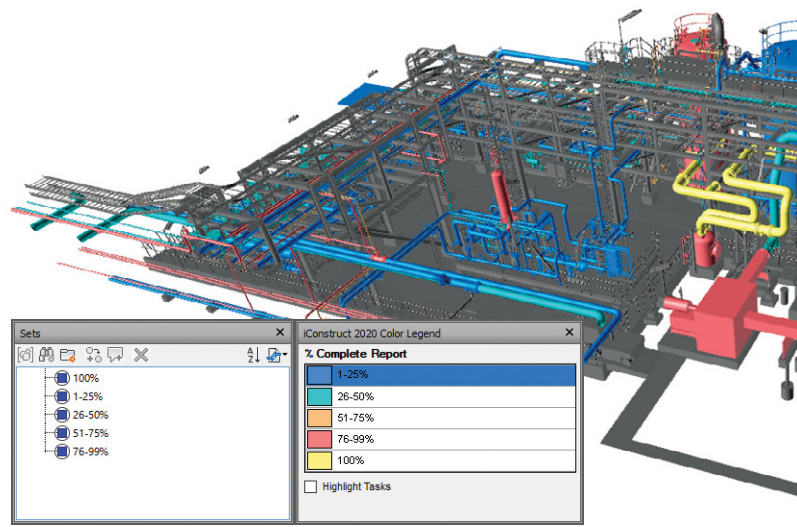
Data Links is a powerful tool that provides the ability to bring in related information from external data sources and be displayed within the Navisworks model.

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.



For more features visit iconstruct.com

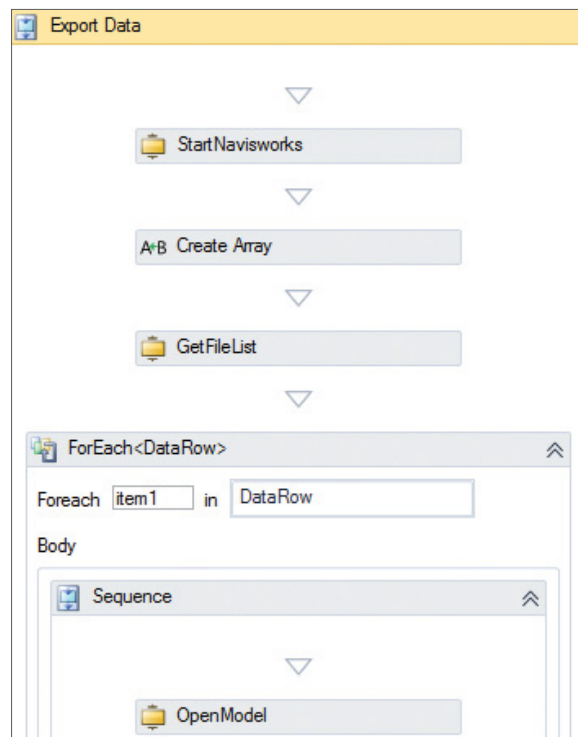


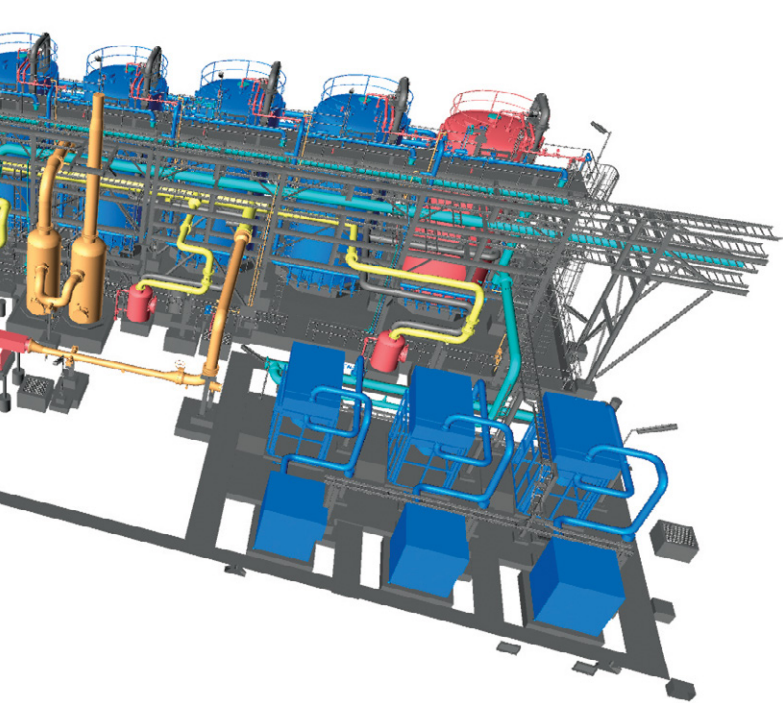
Task Automation

Automate and schedule frequently used iConstruct and Navisworks® routines, multi-step or repetitive tasks using BIMflow. Save time, money and resources.

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 iConstruct modules as well as Navisworks® own features. Once the BIMflow is designed and run, it follows all the commands and features one by one and creates the federated model in an unattended mode.





Advanced Work Packaging

iConstruct is a powerful, scalable and integrated solution for AWP creation that can be utilised on a large Oil and Gas project. Through comprehensive, data-rich 3D models, user can visualize all elements of a project, including availability of materials and resources. This allows user to prioritize and sequence installation based on actual constraints, which mitigates risk.

AUDIT

Audit is a very powerful tool to quickly create viewpoints and selection sets based on model properties and/or predetermined search criteria. The Audit feature offers to create customized colored viewpoints of any component, spool, module or assembly.

COLOR CODE

Color Code tool, will read a variety of external data sources and color your model on predefined rules, including SQL queries. Color Code offer automatic generation of selection sets which makes reporting even easier.

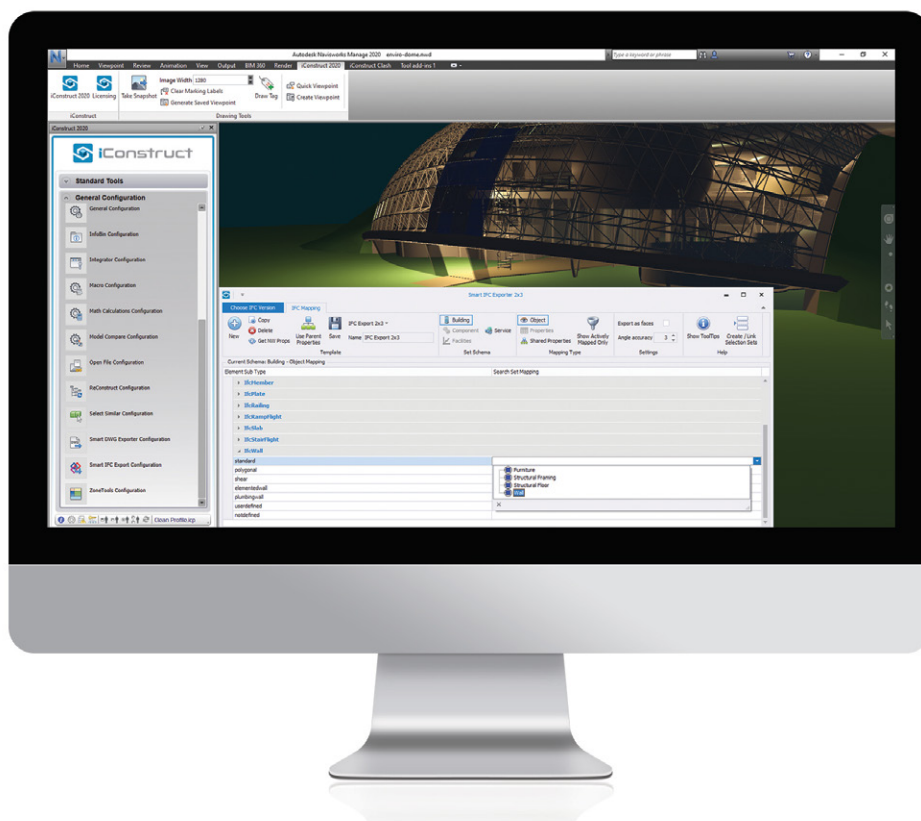
VIEW REPORT

The powerful report designer engine allows you to combine model viewpoints with selected data in lists, charts and graphs to make material estimating and take-off (MTO) in various formats quicker and easier.

Advanced Exporting Interoperability

The iConstruct interoperability tools allows multiple software information systems to seamlessly exchange data.

iConstruct provides several tools to export federated Navisworks BIM model in different formats like IFC, DWG or BCF. The conversion of BIM models to these file formats has never been easier, and iConstruct has continued to improve their exporters to work seamlessly over the years.



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

Belinda Thompson,
BIM Lead at GHD Western Australia

"The clash detection tools helps me better support people, but they have also helped get more people engaged. Everybody owns a part of the process with the reports, so it helps hold everyone accountable."

Steve Clutter, BIM Manager at Riddleberger Brothers

"We've only scratched the surface of what iConstruct can do. We brought it in to solve a specific issue, but the more we use it, the more we find other uses and applications that bring value to our project workflow."

Ava Norton, AIA, Virtual Design & Construction Manager at Clark Construction

"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

"In the past, clash groupings would have taken hours to complete, but iConstruct speeds-up the process dramatically."

David Francis, MEP Manager at Murray Company

MAJOR GLOBAL CUSTOMERS USING ICONSTRUCT



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