



# iConstruct™

A POWERFUL SCALABLE SOLUTION FOR AWP

iConstruct is a building information modeling (BIM) software, 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.

With agnostic capabilities, iConstruct aligns engineering, procurement, and construction to calculate the feasibility of installation work packages enabling effective creation. In addition, it has direct integration to business systems and providing a suitable solution for small to large capital projects, worldwide.

# Markets

---

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

## Key Benefits of iConstruct

---

- Quick AWP implementation process
- Integrates with, rather than replaces existing fit-for purpose business systems
- Organizes model hierarchy and data to drastically improve navigability
- Automates recurring workflows
- Leverage Autodesk Navisworks, one of industry's leading agnostic platforms
- iConstruct complements various applications in the Hexagon ecosystem. Ease of integration with Hexagon's Jovix, EcoSys, Smart Construction and others brings iConstruct to another level.
- Rapid Return on Investment

## Why iConstruct?

---

### Model Conditioning

Enhance the model coordination and data management with various tools. Restructure raw engineering models into a CII AWP compliant model. ReConstruct reorganizes and groups a model's hierarchy to align to a project's different stages. It also improves file portability by exporting a cropped model based on section planes, properties, disciplines, or area.

### AWP Deliverables

AWP facilitates the breakdown of a large scope of work into smaller work packages (WBS). This gives crews the information they need to work effectively and efficiently, boosting project performance.

### Control Panel

iConstruct Control Panel is purpose built to support CII defined Advanced Work Packaging and Workface Planning from the field. Create and track any type of package, aggregate data from all departments supporting the AWP process, and manage constraints all in a single source. Utilize iConstruct

fully automated constraint management or add manually as required. Create Gantt charts of scheduled IWP activities and push direct to Navisworks Timeliner.

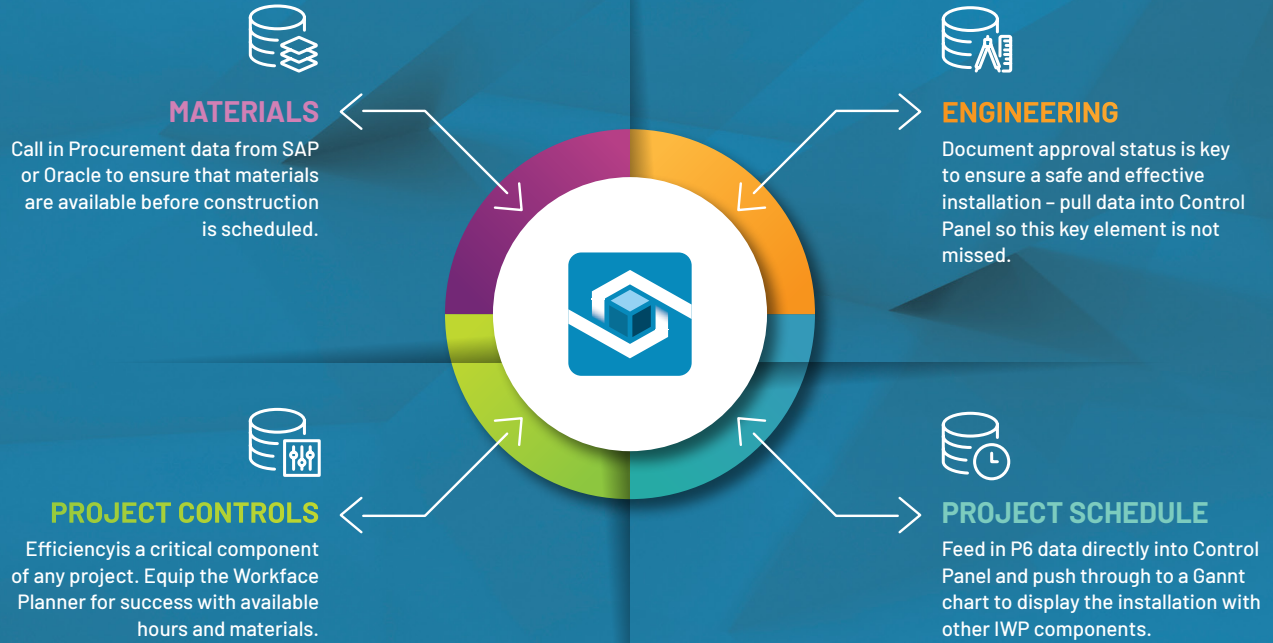
### Control Panel

iConstruct Control Panel is purpose built to support CII defined Advanced Work Packaging and Workface Planning from the field. Create and track any type of package, aggregate data from all departments supporting the AWP process, and manage constraints all in a single source. Utilize iConstruct fully automated constraint management or add manually as required. Create Gantt charts of scheduled IWP activities and push direct to Navisworks Timeliner.

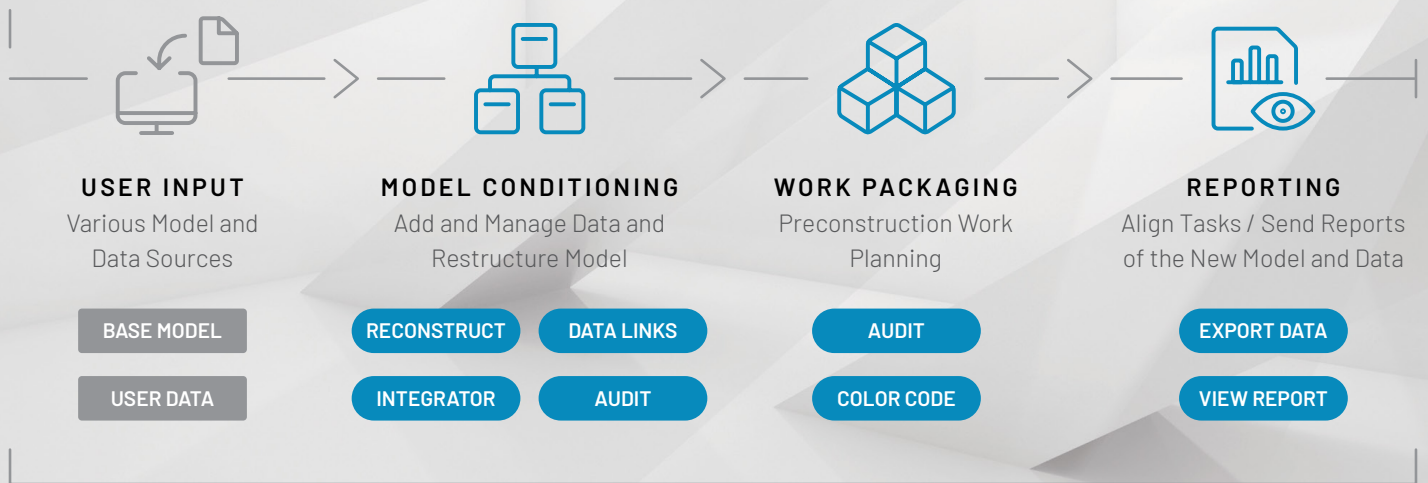
### Automate Recurring Tasks

BIMflow is a powerful feature in iConstruct that automates and schedules frequently used workflows. It maximizes productivity for all engineering projects and streamlines processes by effectively incorporating model updates and eliminates repetitive work.

# CONTROL PANEL



# AWP WORKFLOW



## TASK AUTOMATION

Automate and Schedule Frequently used iConstruct and Naviswork Routines

BIMFLOW

# Smart Construction vs. iConstruct

Intergraph Smart® Construction is considered to be the most advanced, fully integrated Advanced Work Packaging solution on the market, particularly for Complex Mega Projects that are fully designed on Smart Plant Design (and Tekla). It can however be perceived by the market to be complex to implement, higher on ongoing administration cost and time and somewhat rigid with non-Smart Plant Design models.

By comparison, iConstruct is built on Naviswork, and can work with any 3D dataset: AutoCAD, MicroStation, PDS, Smart 3D, AVEVA, CADWorx, etc. and it does not require a database, so deployment and admin costs are minimal. This allows iConstruct to reach those projects and investments that are outside of the Smart Construction ideal project profile. iConstruct does not have the complete feature set of Smart Construction, but it meets the needs of many projects.

	Smart Construction	iConstruct MAX
<b>Ideal Project Size</b>	Mega	Large to Small
<b>Platform</b>	On Premises	On Premises
<b>Effort of Implementation</b>	High	Low
<b>Smart Plant Suite Integration</b>	High	Mid
<b>Approval Workflows</b>	High	
<b>Multi-User</b>	Yes	Genus Sync
<b>Configuration Ability</b>	Low	High
<b>3D Model Agnostic</b>	Low	High
<b>Integration with External Data Sources</b>	Low	High
<b>Automation</b>	High	Mid
<b>Dependencies</b>	SmartPlant® Foundation	Autodesk Navisworks



## ADDRESS

PO Box 95397  
Seattle, WA 98145  
United States



## EMAIL

sales@iconstruct.com  
service.desk@iconstruct.com



## PHONE

Australia +61 438 851 015  
Europe +386 41 838 972  
USA +1 360 210 5397  
USA Toll Free 888 500 2184



## ONLINE

www.iconstruct.com  
support.iconstruct.com