

SUCCESS STORY

dRofus Checks All the Boxes for Stantec

Stantec, a global leader in the building industry, has engaged in many complex projects that involve detailed planning, data intensive designs and globally distributed teams. **They needed a solution beyond Excel spreadsheets and homegrown workflows to standardize project planning, streamline process and integration with Revit, all while supporting multi-office collaboration.**

Stantec evaluated several planning and data management tools, but the alternatives were cumbersome and limited in their scope. Robert Manna, an Associate with Stantec’s Buildings Digital Practice Team, suggested trialing dRofus on a project. That pilot was a great success as dRofus **“did all the things that we used to do manually in Excel or Revit directly all in a user-friendly interface that is fully customizable.** It was also easy to generate reports with the click of a button – dRofus checked all the boxes” said Tammy Adolf, Stantec Associate & Integrated Design Data Manager.

Making Planning More Thoughtful and Disciplined

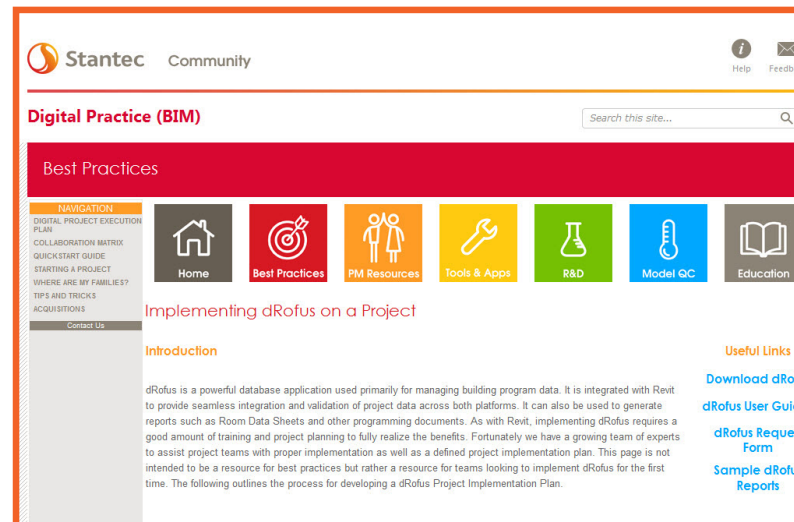
dRofus makes the planning process “more thoughtful and disciplined,” says Robert. Prior to dRofus, planning was often done in a piecemeal fashion with information stored in various files and formats. **By centralizing the planning data into one source with dRofus, “it’s more effectively managed and tracked, and more visible. It results in a higher quality product, with fewer errors and omissions, which leads to a better outcome.”**

dRofus makes data accessible to the entire project team and people interact with dRofus in various ways ranging from highly skilled, power users, who constantly interface with dRofus, to those who rely solely on reports to view data without ever touching the software. With dRofus, users don’t need to have knowledge of Revit, in fact, many team members, including clients and contractors, view detailed reports without ever opening a model.



“dRofus helps teams to better do the things they’ve already been doing.””

Robert Manna
Associate, Buildings Digital Practice Team
Stantec



Item No.	Item Name	Finishes	Qty	To be Modeled	Responsibility
Ceiling					
CACT	Acoustic Tile		1	No	
Floor					
FRSV	Resilient Vinyl Sheet Flooring		1	No	
Floor Base					
BAR	Applied Resilient Base		1	No	
Wall					
WGWBP	Painted Gypsum (Low VOCs)		1	No	
Wall Protection					
CGSS	Corner Guards (Stainless Steel)		1	Yes	

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Saving Resources During Design

One major limitation with the [historic] model centric workflow, was that you needed to model something to quantify it, resulting in modelling too much too early. This burned through project resources and often resulted in misinterpretation or misrepresentation of client requirements. These are challenges the whole industry continues to wrestle with and **dRofus has provided a “safe, secure and re-usable” platform to structure and manage data, track changes and ensure valuable information isn’t lost.**

For Stantec, efficiency benefits were first realized during the bidding phase on P3 projects. Historic procedures were to create a model for the bid phase, containing specific planning elements and data purpose-built for generating drawings and various reports. It was a time consuming and manual effort to collect and transform all the data from these models into the appropriate documents and reports. Once a P3 was won, the bid model was archived and a new model created from scratch, losing valuable planning data that had been entered directly into the model.

Now, even if the bid model is archived, the **data inside dRofus can be re-used through the entire process and can be integrated quickly and easily into the new design model.** The planning data is highly adaptable since it’s organized in a flexible system that can evolve over time to meet the needs of the team at each project phase. Through the Revit plug-in, teams can hit the ground running to efficiently move through design and documentation of projects.

Checks and Balances

Prior to dRofus, changes in Revit might not have been coordinated with documents. Now, **global changes are made within dRofus with the touch of a button and flow through the entire model as well as related schedules and area reports.** This is critical for quality assurance and provides another benefit—real-time pricing. “Within minutes, new pricing information can be delivered to a client letting them know the impact of a change,” says Tammy.

Clients place a premium on these capabilities which enhance satisfaction and demonstrate that checks and balances are in place.

dRofus helps to eliminate rogue compliance issues and pushes changes through a defined workflow. In the past “Keeping track of data sheets, room names and numbers, equipment, was often done by multiple people across a team and was an administrative hassle,” says Tammy. “With dRofus, we now have established workflows within a single, controlled system.” These benefits carry through into Construction Administration so **changes made during construction can be fed back into both dRofus and the design models ensuring consistency of both the data and drawings.**

An Organic Approach

Stantec has taken an organic approach to deploying dRofus to project teams, intentionally avoiding being overly prescriptive. From a corporate perspective, Stantec provides a variety of ways to support the solution including project specific training, startup support and onboarding assistance. This approach has proven to be successful as leaders emerge in offices across the company organically building a network of subject matter experts to help drive adoption. They also continue to find dRofus’ technical support team to be a great resource to assist Tammy and her team as adoption expands in new offices. Tammy and Robert say, **“We aren’t trying to force a solution upon people, instead, the benefits of using the dRofus solution are speaking for itself”** and that has proven to be the case time and time again.

Stantec’s leadership sees the value of dRofus and supports its use across all Healthcare projects as well as in other practice areas – especially those that have complex planning and data needs like Education, Industrial and Interiors. Robert sums it up by saying “dRofus helps teams to better do the things they’ve already been doing” and allows Stantec to provide its clients with a consistent set of deliverables that enhances the professionalism Stantec prides itself upon.



About dRofus

The leading planning and data management solution for the global building industry. dRofus is a unique planning, data management and BIM collaboration tool that provides all stakeholders with comprehensive workflow support and access to building information throughout the building lifecycle. We are committed to Open BIM and as part of the Nemetschek Group, our aim is to deliver the best possible, most innovative and most successful AECO software solutions.

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