

## InEight InfinyD

InfinyD, a Virtual Design and Construction solution developed by InEight, supports transportation, heavy civil, utilities, oil & gas, building and other capital construction projects.

The InEight InfinyD solution — built on SAP 3D Visual Enterprise applications — consolidates dispersed project data and processes into a unified platform that can be leveraged across the project lifecycle.

Complex construction projects rely on input from a variety of stakeholders with a wide range of design tools. When these platforms are disconnected and incompatible, design errors may remain hidden until late in the project cycle. These missed problems become exponentially expensive to fix during project execution, adding significant risk to the budget and schedule.

InEight InfinyD was developed to solve gaps in the industry that have occurred as a result of the competition in the design authoring application space. InfinyD consolidates proprietary BIM models into an open, IFC-based system. Across the project lifecycle, the InfinyD model can be enriched with data from cost, schedule and other project systems, while key processes, such as procurement, are optimized for time and cost savings. With InfinyD, the entire construction team can visualize successful project outcomes.

InEight's 4D Visual Scheduling viewer provides simple controls that enable end users to explore the model's critical path, three-week look ahead and other features that help answer the most common requests from schedulers, project team members, leads and project managers.

Seeing projects as data-rich 3D objects, where data remains constant, coordinated and accurate, helps highlight unusual conditions that could go unnoticed in traditional 2D plans.

Industry Foundation Classes (IFC) support and facilitate the sharing of project data between stakeholders on construction and facility management projects by leveraging this open, industry-standard format.

Design tool support helps maintain existing tools. InfinyD is compatible with leading design tools from companies such as Autodesk, AVEVA, Bentley, and Intergraph.

By leveraging design models, users utilize the value of design data throughout the full construction cycle.

InfinyD helps get model data under control. Seeing projects as data-rich intelligent 3D objects, where data remains connected, coordinated and accurate, highlights unusual conditions that could go unnoticed on traditional 2D plans.

Providing visibility across the project lifecycle, InfinyD enables construction teams to identify issues earlier, reducing risk and saving money. InfinyD provides a consistent visual model that can be used to drive key construction processes, including schedule review, material procurement, workforce planning and safety planning.

### **InfinyD Desktop Key Features**

**Central Components:** Omni map, release notes, reporting, component association and help.

**Functionalities:** Component management, model review, engineering bill of materials (eBOM), material requisition, Gantt view, schedule view, model publish, model comparison and visual enterprise base functions.

### **InfinyD Web Key Features**

**Central Components:** Model upload, release notes, reporting, help, model comparison, user management and permissions.

**Functionalities:** Project maintenance, component management, dimension manager and visual enterprise base functions.

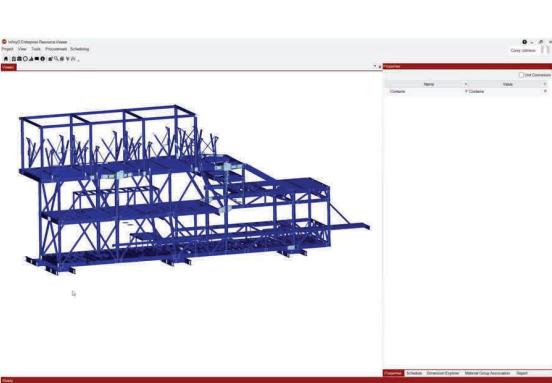
InEight Virtual Design & Construction System

2015 NOVA Award Nomination — 17



Visibility & transparency  
equals better business  
decisions

PRICELESS

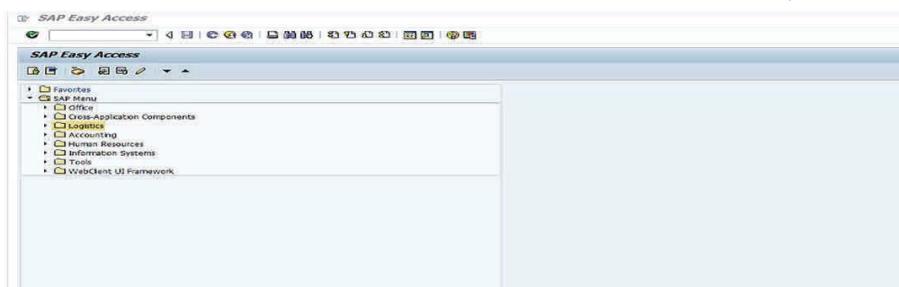


The diagram illustrates the SAP product portfolio, organized into several main categories:

- SAP BusinessObjects**
- SAP Mobile Platform**
- SAP Visual Enterprise**
- Project Applications**
  - Enterprise Planning - Analytics
  - Enterprise Planning - Budget
  - Supply Chain Management
  - Sales and Operations Planning
  - Design - Modeling Software
- SAP Business Suite**
- SAP HANA**
- Unfiled Dashboard**
- Mobile Access**
- Usercentered Platform**
- Business Intelligence**
- Corporate (SAP ERP)**
- Database**

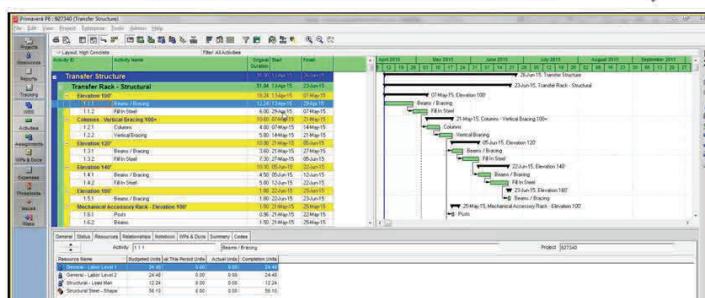
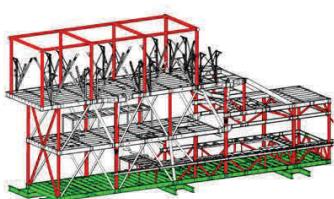


Accurate information at the point of construction equals increased productivity and decreased risk.

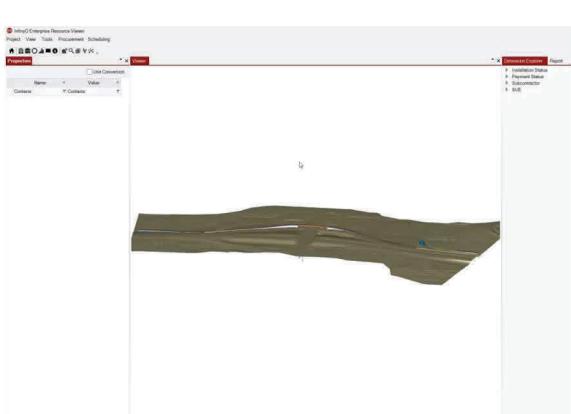


Material Delivery  
5/16/2015

Scheduled  
Construction  
5/15/2015



Adding project information to your already data-rich models enhances your teams ability to communicate and reduces risk on your projects.



Flexible model reporting and revision control limits the rework involved in calculating quantities as the project design progresses or changes



Sharing controlled project information via data-rich models enhances your teams ability to communicate and reduces risk on your projects.



InfnyD's open platform  
enables business reporting  
in alignment with your  
enterprise reporting strategy.