AGGREGATE PROJECT DATA TO UNCOVER SIGNIFICANT ORGANIZATIONAL VALUE
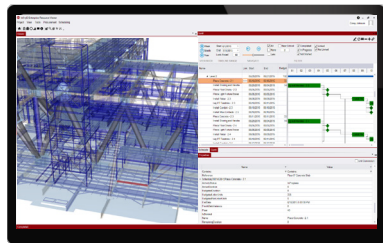
Today's capital projects are more complex than ever. Many stakeholders are often involved and each may use different software to manage designs, costs, schedules and assets. Lack of interoperability between these systems increases the risk of overruns, change orders, and miscommunication between key project stakeholders.

To solve this problem, InfinyD consolidates data from disparate sources to create a single platform that can be leveraged across the project lifecycle. InfinyD is not a design tool. It instead links business data into a project information model that merges details about every object that needs to be manufactured, installed or constructed. With InfinyD, project teams share a model th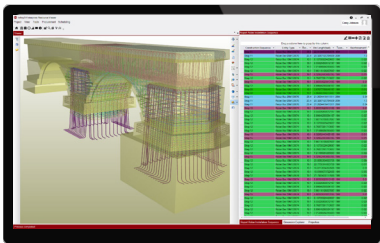at becomes enriched with relevant project data, ensuring better communication, alignment and efficiency. By collecting relevant project data during project execution, the turnover process is streamlined, allowing owners to perform ongoing maintenance more efficiently.

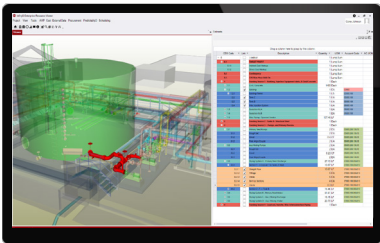Delivering Value from Your Project Data
- Streamline stakeholder communications
- Gain real-time status across systems and disciplines
- Increase material management efficiency
- View and address schedule impacts earlier
- Avoid rework and project delays
- Compare plans to actuals in real time
- Enable full asset information management

Visual Scheduling   Visual Procurement   Visual Estimating

ABOUT INEIGHT
With applications trusted for more than 25 years, InEight combines proven software technology with a unified vision to help companies visualize, estimate, manage, control and connect all aspects of capital and maintenance projects. InEight now has more than 20,000 users in more than 500 companies in 33 countries.

The InEight solution portfolio enables project-driven companies to get the visibility and control they need to avoid surprises, increase operational efficiency and improve profitability across the project lifecycle. Based in Scottsdale, Ariz., InEight is a subsidiary of Kiewit Corporation (Kiewit). Kiewit, through its subsidiaries, is one of North America's largest and most respected construction and engineering organizations.

Scottsdale   London   Dubai   Bangalore   Sydney

HD suite Partner

INEIGHT

Connected models.
Infinite dimensions.
Visual data for owners

InfinyD

MAKE BETTER DECISIONS WITH CONNECTED MODELS

Capital project owners have a unique and important role across the project lifecycle: First, they must define the scope of the project. Then they need to monitor and guide task execution. Finally, they must plan the efficient ongoing maintenance of the new facility.

To get there, these owners — Departments of Transportation (DOTs), government agencies, health care systems, commercial developers — must often deal with a variety of 3-D models developed by various stakeholders over the course of the project. Without an integrated solution, managing these different models and their associated data can be a time-consuming process.

InfinyD helps owners more efficiently manage across the project lifecycle:

PROGRESS MONITORING

- Through direct integration with other systems, quickly generate project reports without outside assistance
- Utilize quantity tracking to more efficiently manage assets
- Integrate with scheduling systems for timely visibility into project performance

MAINTENANCE AND FACILITY MANAGEMENT

- Easily schedule facility inspections and service requests
- Manage space more efficiently by connecting model and data
- Track inspection progress electronically with the MobilyD module to increase accuracy and efficiency

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InfinyD

Compatible with Industry Foundation Classes (IFC), Navisworks (NWD) and more than 100 other file formats

- Common data environment
- Process integration
- Federated model
- Data generation

- Data validation
- Field forms
- Project reports
- Discipline reports

- Material reports
- Status reports
- Trend reports

- Requirements
- Design models
- Construction models
- Construction 4-D/5-D
- Construction logistics
- Construction qualifier
- Quantity take-off
- Spatial analysis
- Work packaging
- Material status updates
- Fabrication model
- Status updates
- Construction models
- Status updates
- Asset management
- Space management
- Space tracking

Owner | Designer | Contractor | Sub-Contractor | Fabricator | Supplier | Operator

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ACQUIRE AND HARMONIZE DESIGN DATA

- Consolidate data from design authoring systems and other systems into an aggregated project information model
- Catalog 3-D models and associated data in a database (not a file) to simplify data storage and accessibility

AUGMENT DATA

- Enrich models with new "dimensions" such as documentation and inspection history
- Define custom data operations to automatically augment data into the model
- Implement a mature business system integration strategy that enables information modeling across the entire project portfolio

BETTER DATA MANAGEMENT

- Maintain control with versioning of model submissions and business system information
- Leverage advanced search methods to interrogate business and model data to better answer questions and reduce risk

COMMUNICATE VISUALLY

- Deploy an aggregated model that provides a single source of truth for project data across Windows, web and mobile clients
- Increase stakeholder communication with an industry-leading approach to model, metadata and business system reporting

IMPROVE OPERATIONS

- Create an enriched experience that can take projects beyond 4-D and 5-D and incorporate proven business processes to reduce wait times and increase productivity
- Status model data in the field with MobilyD to reduce time and risk associated with duplicate data entry

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Gaea

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