Today's capital projects are more complex than ever. Many stakeholders are often involved and each may use different software to manage project 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 project platform that can be leveraged across the project lifecycle. Not a design tool, InfinyD instead links business data into a project information model that federates every object that needs to be manufactured, installed or constructed. With InfinyD, project teams share a model that 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 and owners can then more efficiently perform ongoing maintenance.

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 product information modeling across your project portfolio

Better Manage Data

- 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

HD suite Partner

Connected models. Infinite dimensions.

AUTODESK.

AVEVA

Bentley

INTERGRAPH

Trimble.

InEight. InfinyD

- Quantities
- Procurement
- Scheduling
- Project Controls
- Resources
- Field Management
- Asset Management
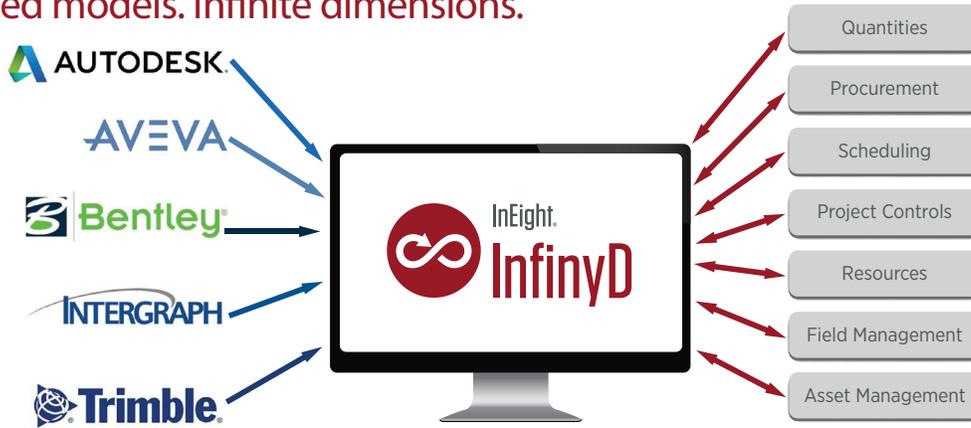
Leverage MobilyD to Streamline Facility Inspections

The simple function of performing inspections can be slow and disorganized. Site inspections are often handled by manual, paper-based processes, leading to delays and data-input errors. In addition, when working on a large facility or jobsite, it is easy to lose track of which items have already been inspected, reducing efficiency and increasing risk.

MobilyD enables users to access the models and associated data from remote locations, helping simplify and speed the inspection process. With this mobile solution, inspection results are kept synchronized with the centralized model so all stakeholders can make better decisions with real-time access to jobsite status details.

Features:

- Combine a PDF markup with a 3-D model and then use MobilyD for inspections
- Create inspection reports based upon MobilyD results
- Visual model helps users orient and find key project locations
- Users can take a picture of issues for use by all project stakeholders
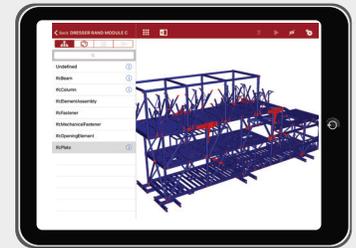
InfinyD Desktop

Central Components:
- Schedule integration
- Procurement integration
- Reporting
- Component association
- Dimension manager

Features:
- Component management
- Model review
- Model and business data reporting
- Material requisition
- Gantt view
- Schedule view
- Model and business systems properties
- Model comparison
- Visual enterprise viewing functionality
- Quantity trending
- Associations to connected systems

InfinyD Web

Central Components:
- Model upload
- Project connection management
- Reporting
- Help
- Model Comparison
- User management
- Project and roles management

Features:
- Project maintenance
- Component management
- Dimension Manager
- Visual enterprise viewing functionality
- Link to external data