5 Reasons Why
# Engineers are Switching to PlantSight over Navisworks

PlantSight: The Digital Twin for the Process Industry

PlantSight is a set of cloud-based and open services that help you visualize data, documents, and models over the asset lifecycle to validate information, ensure compliance, gain insights, and make fast and accurate decisions.

PlantSight brings all your plant data
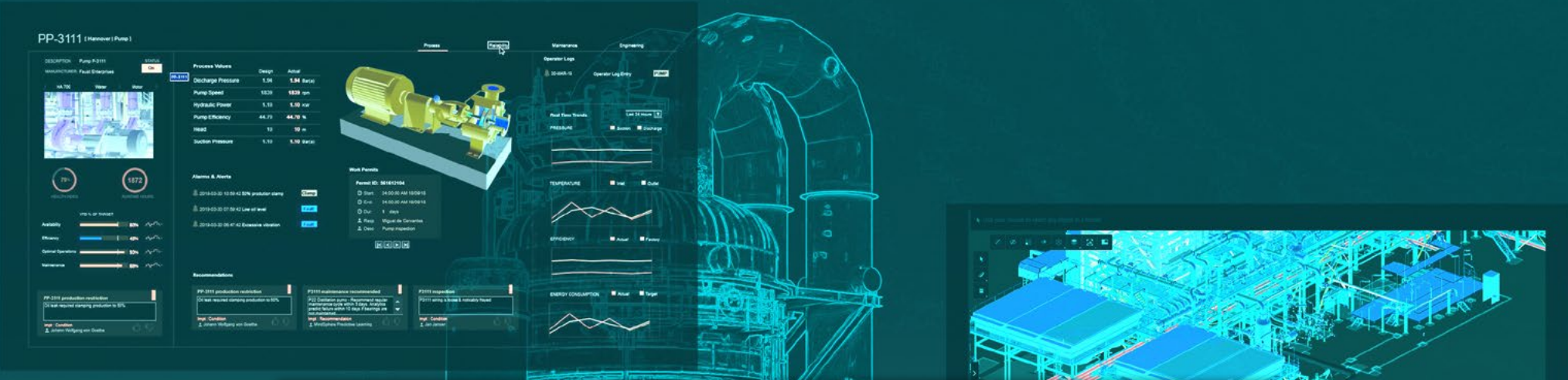and information together to provide:
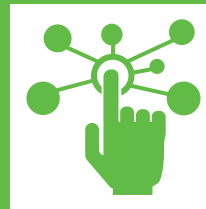
CONTEXT **VALIDATION** **VISUALIZATION**

...transforming raw data into
a complete, evergreen digital twin.

Here Are Five Reasons to Switch

PlantSight Has Better Design Review Workflows

With Navisworks, you need someone with technical training to be the keeper of the design review process, and they must use a desktop application.

- To succeed, design teams need to work in an environment where they can easily share data and collaborate.

- PlantSight is a cloud solution that allows all users, no matter the skill set, to review engineering data without installing any software on their machines.

- Stakeholders rely on current data and transparency to make effective decisions.
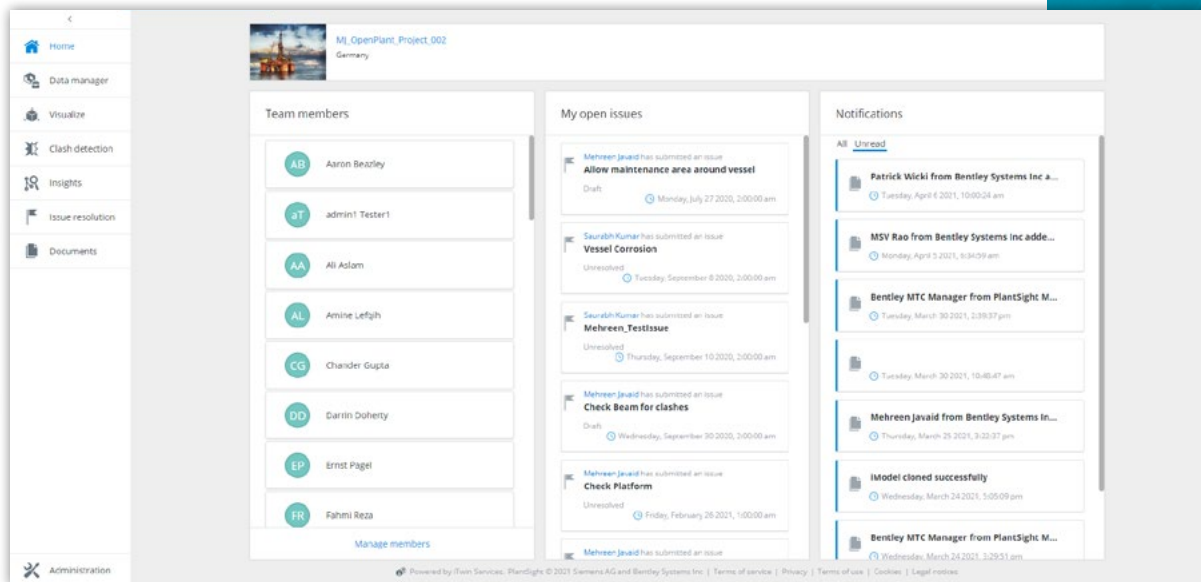
Issues Resolution

Navisworks and similar tools do not offer a comprehensive issue management solution.
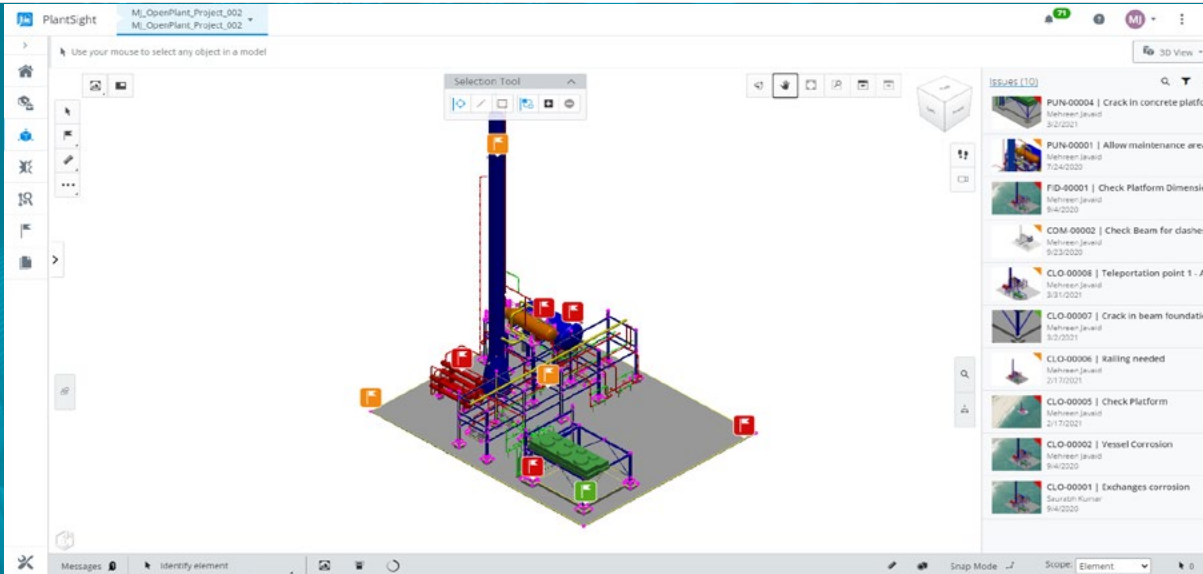
- Clients confirm they must record issues with the Navisworks design file in a separate Excel file.

- PlantSight offers comprehensive issue management and tracking to digitize, standardize, and accelerate the lifecycle of your reporting.

- You can create, manage, and track issues within PlantSight in the context of your design.

Timeline of Design Changes

Design changes are inevitable in any brownfield or greenfield project.

- Using only traditional file-based solutions, it is not possible to track changes and revisions over time.

- PlantSight provides a reliable record of what happened, when, and by whom, establishing a reliable timeline.

- You can visualize 1D, 2D, and 3D engineering data at any given point in time with a complete audit trail.

Clash Detection

Coordinating design activities across teams and team members working remotely is challenging.
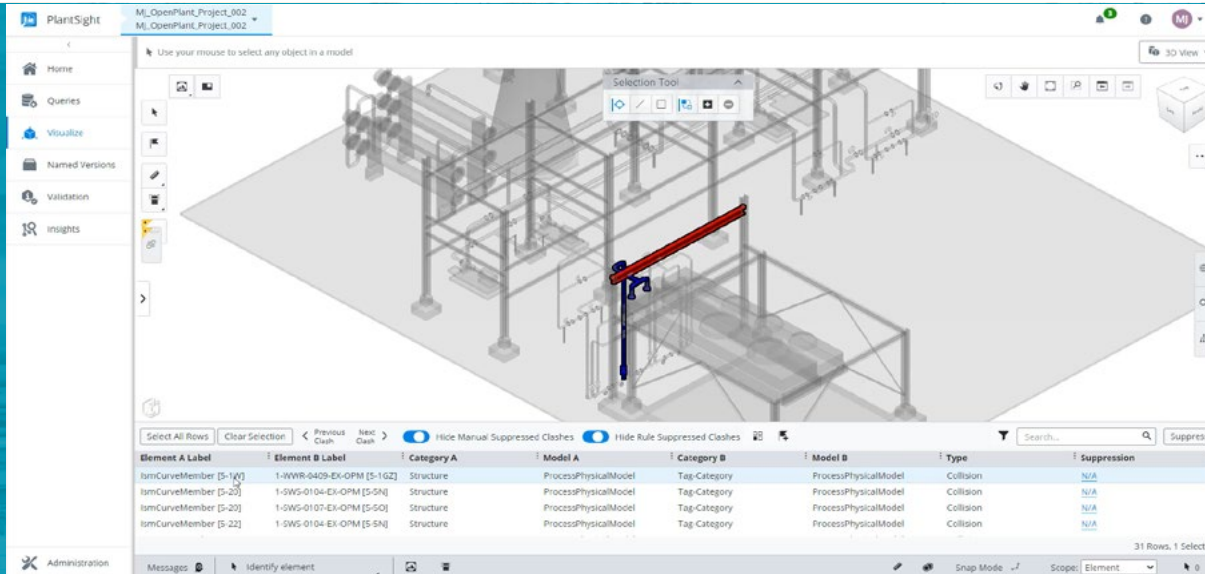
- Clashes not found during design arise when construction begins and can be costly.

- PlantSight performs clash detection remotely and collaboratively in the cloud.

- You can increase the accuracy of your design across 3D piping, structures, equipment, and electrical and HVAC systems.

- PlantSight tracks and communicates inconsistencies to designers.

Data Types

Using multiple design tools for different tasks can be time consuming and laborious.

- PlantSight federates data from any 3D design application and P&ID into a single view.

- Bringing together 1D, 2D, and 3D data provides consistency , reveals context, unveils dark data, and generates insights.

- PlantSight allows you to continue working with your preferred design tools and fits into your existing processes.
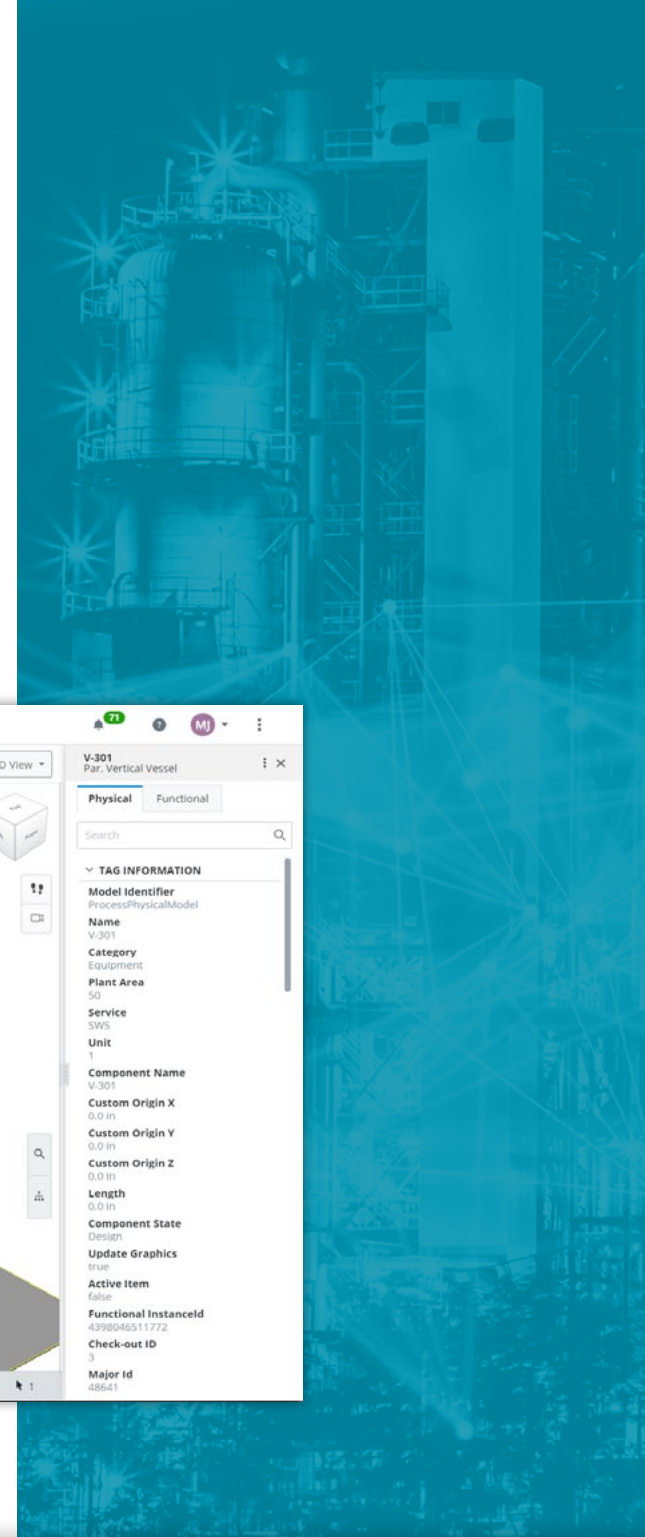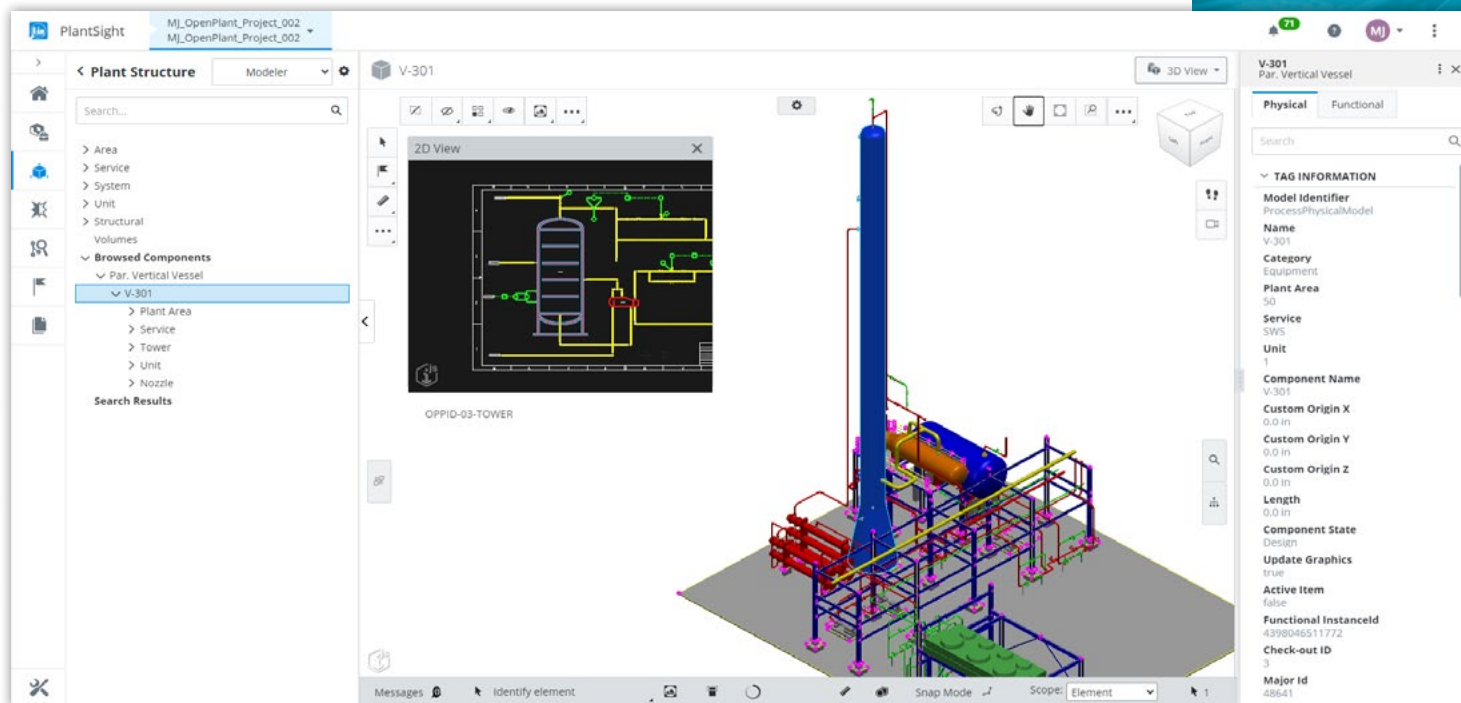
Why PlantSight?
The Difference is Obvious

|	PlantSight	Navisworks
Workflows	Dynamic, real-time, democratized, **coordinated design review process** with reduced complexity	Requires a technical person to be a keeper of the design review process from a **desktop** application
Resolving Issues	Resolve issues through **flexible and customizable** workflows	Maintain your list of issues **outside** of the design review workflow
Version Control	**Maintain a timeline of changes** of how, when, and by whom information has been changed	**No audit trail** of what changes have been made to engineering information
Real-time Information	Perform **clash detection in real-time** with up-to-date engineering information	**Inability** to make the best real time decisions
Single Source	**Utilize your data,** no matter the type in your digital twin	**Cannot cross-reference a P&ID** from one design application with a 3D model from another application

PlantSight: The Digital Twin for the Process Industry

Think Big, Prove Small, Scale Fast with PlantSight.

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Image courtesy of National Oilwell Varco
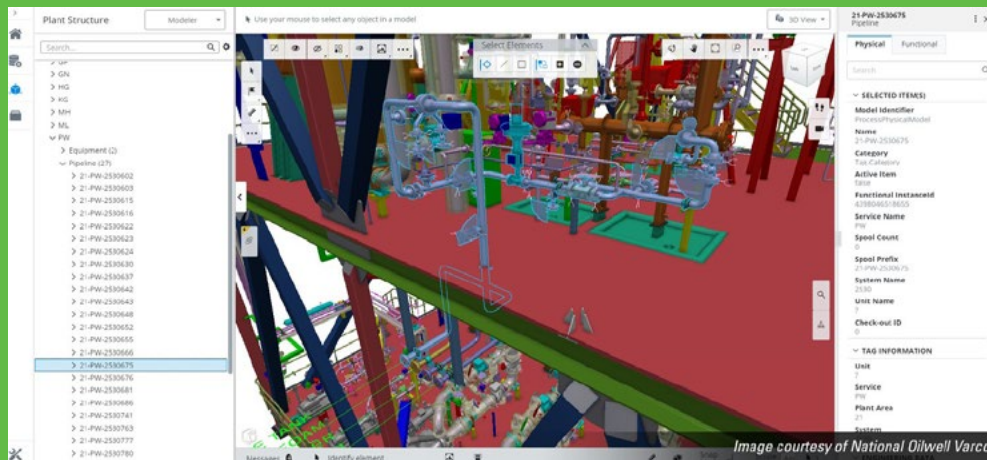
Be like NOV Wellstream Processing, who said to ARC Advisory Group that switching to PlantSight was one of their *"most satisfying achievements."*

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