Manage Your Asset Data Remotely During COVID-19 Isolation

Digital Conference

The Terminal of Tomorrow

March 17 | 12.15 CET

Digital Conference
16 - 17 March 2021 | Online Event
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StocExpo
8 – 10 March 2022 | Rotterdam, Ahoy

Introduction

Thomas Koop

Asset Data Management

CEA Systems

40 years in Bulk Liquid Storage

Plant4D

Data-Centric Approach

Asset Data Management Software

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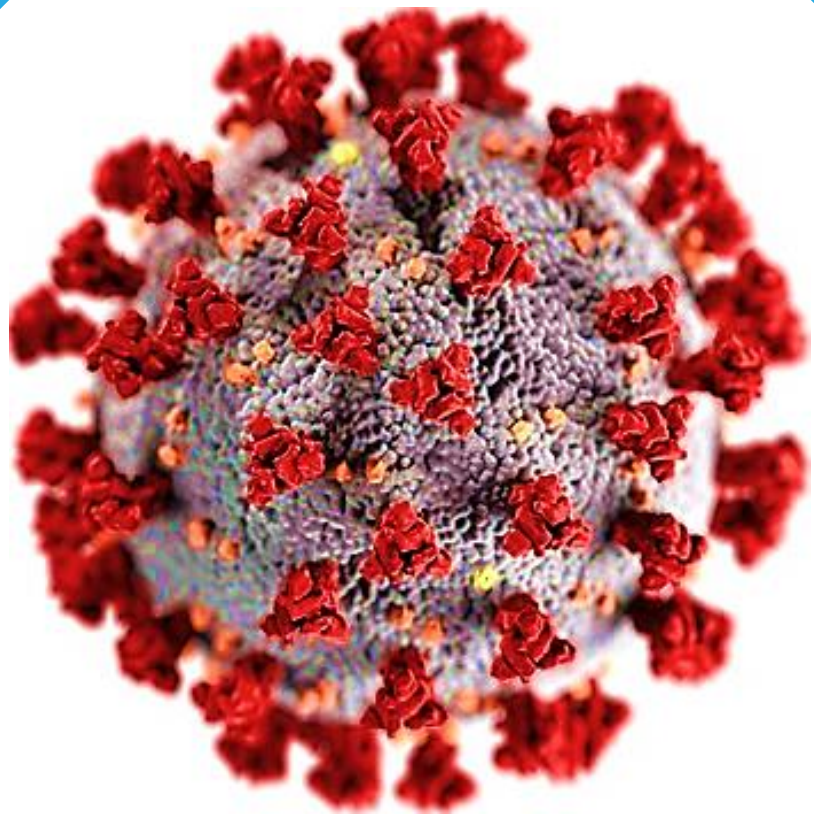
Pre-COVID-19



Situation Pre-Covid-19

Time spent on searching for asset data per FTE

Discipline on site	Time spent in FTE
Construction	0,12
(pipeline) Inspections	0,57
Maintenance	0,36
Maintenance Engineering	0,19
Operations	0,17
Projects	0,24
SHEQ	0,15
Technical department	0,22
Total	0,23

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2 hours per person per day wasted:

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Drawings in physical locations

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Departments not sharing data

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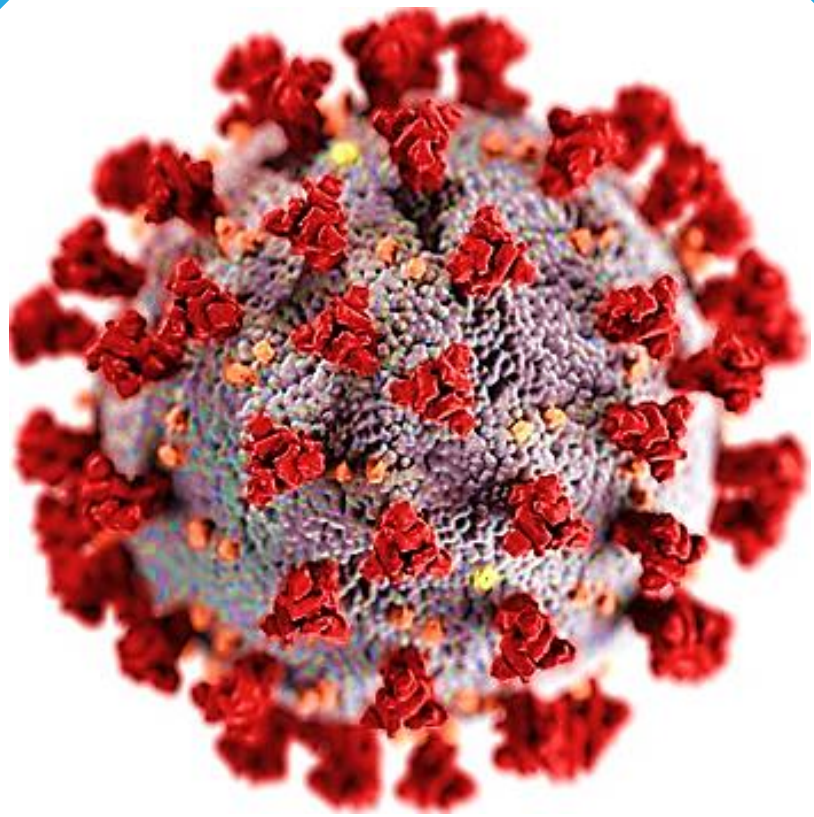
Drawings in physical locations

Departments not sharing data

Field checks not updated properly

COVID-19



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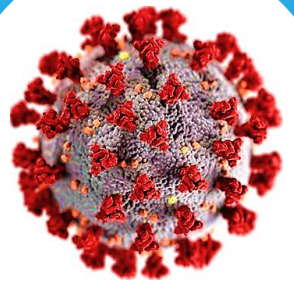
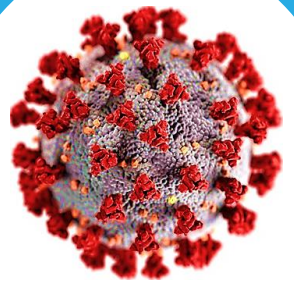


Lockdowns complicate meetings

COVID-19

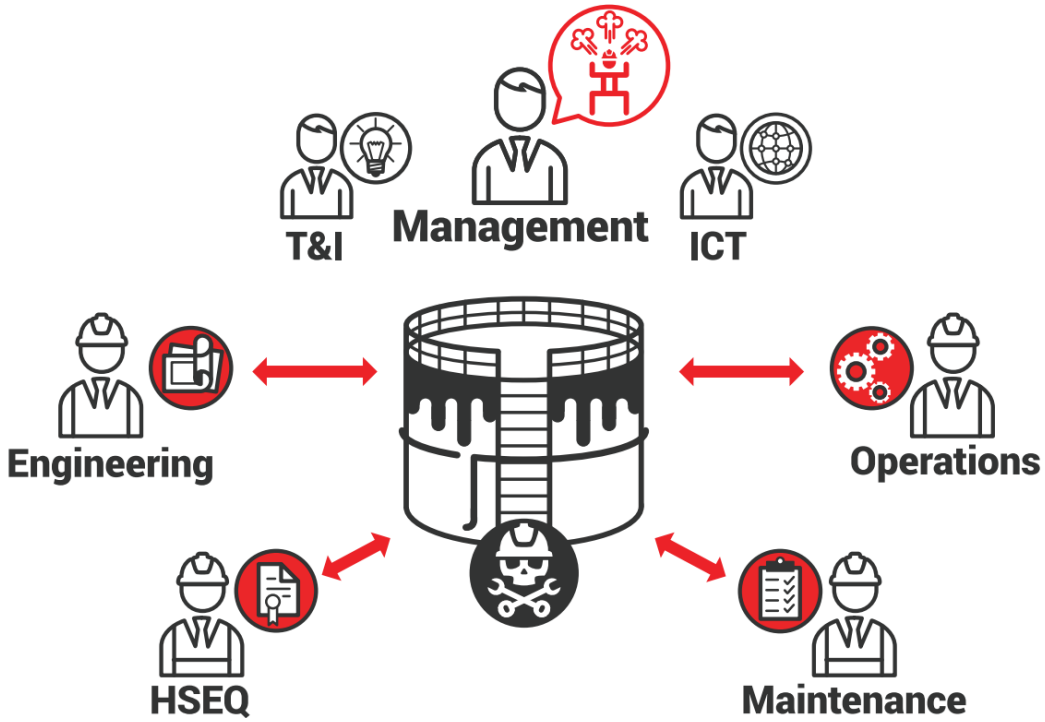


Lockdowns complicate meetings

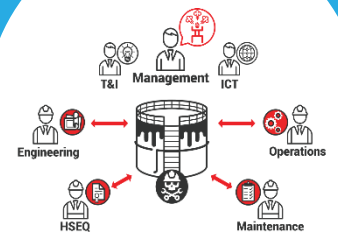
Departmental silos increase

Asset Data During COVID-19

Situations escalate

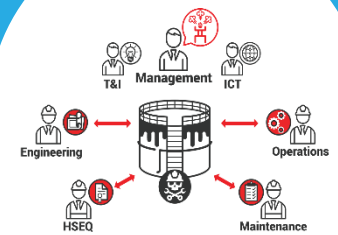


Asset Data During COVID-19



Difficult communication

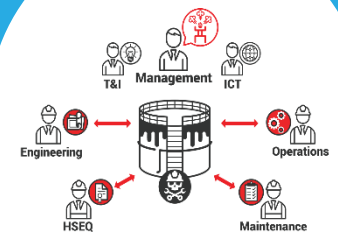
Asset Data During COVID-19



Difficult communication

Scattered & inaccessible data

Asset Data During COVID-19

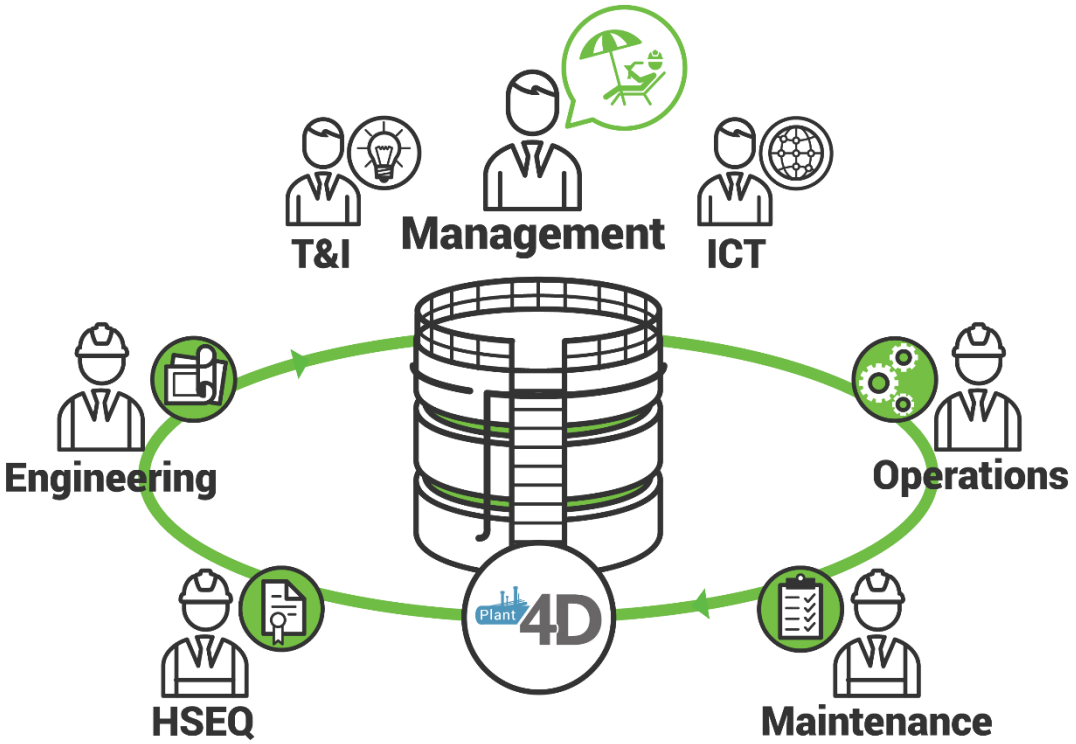


Difficult communication

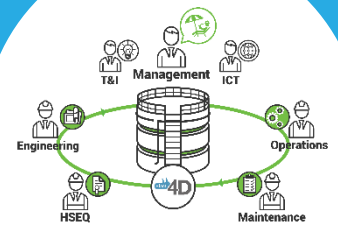
Scattered & inaccessible data

Field checks become strenuous activities

Goals

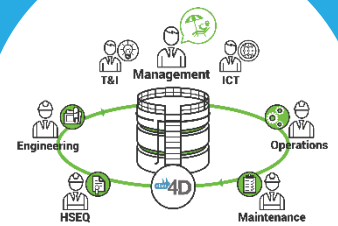

T&I
Management
ICT
Engineering
Operations
Plant 4D
HSEQ
Maintenance

The Future



Virtual field checks

The Future



Virtual field checks

Paper copies unnecessary

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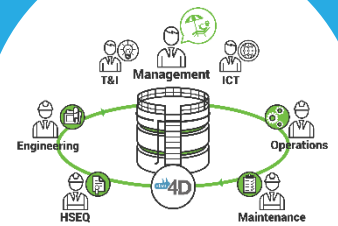
The Future



Virtual field checks

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Breaking down departmental silos

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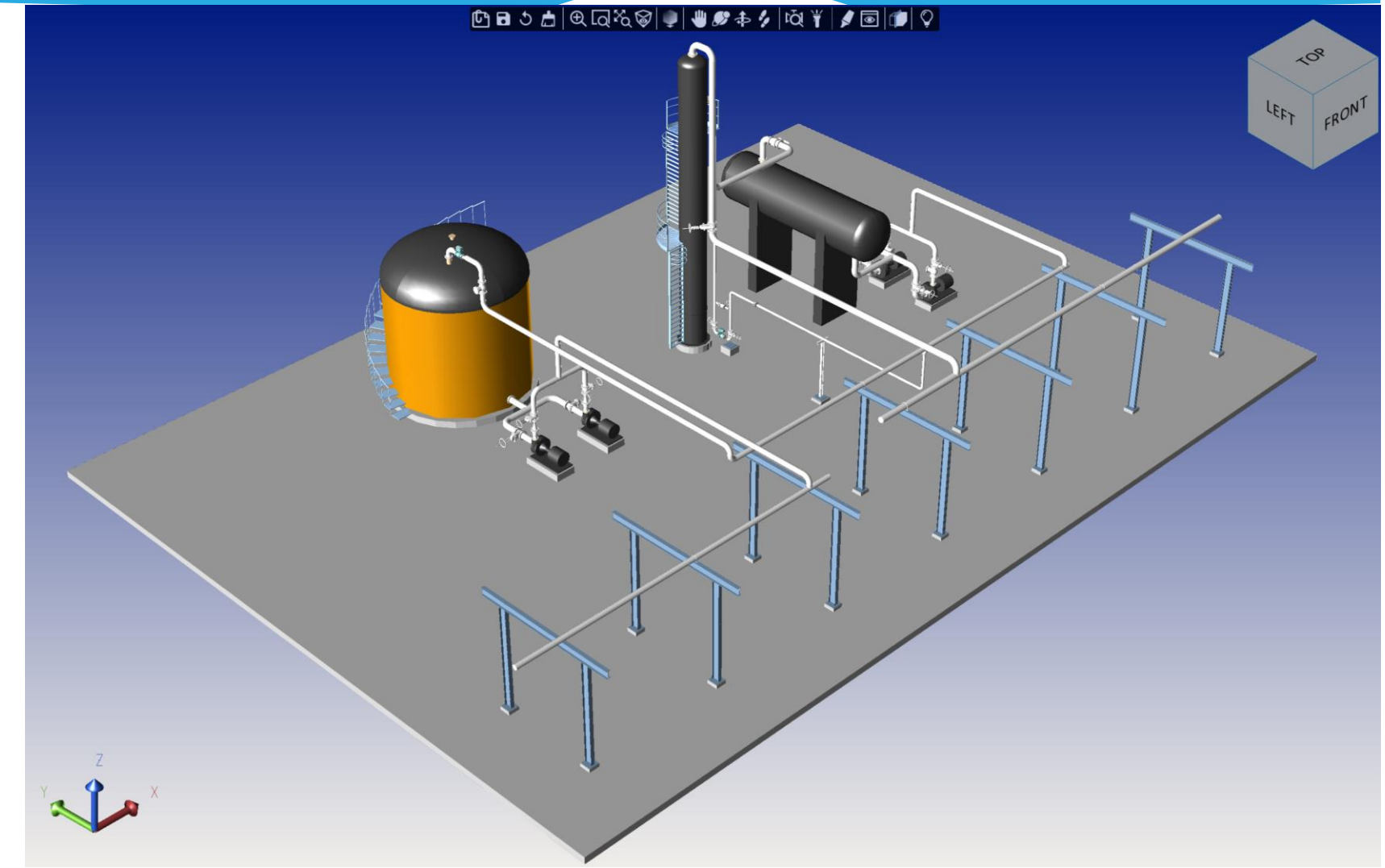
Our Data-Centric Software Solution

Plant 4D

Our Data-Centric Software Solution

Visualization to interact with your data

Our Data-Centric Software Solution



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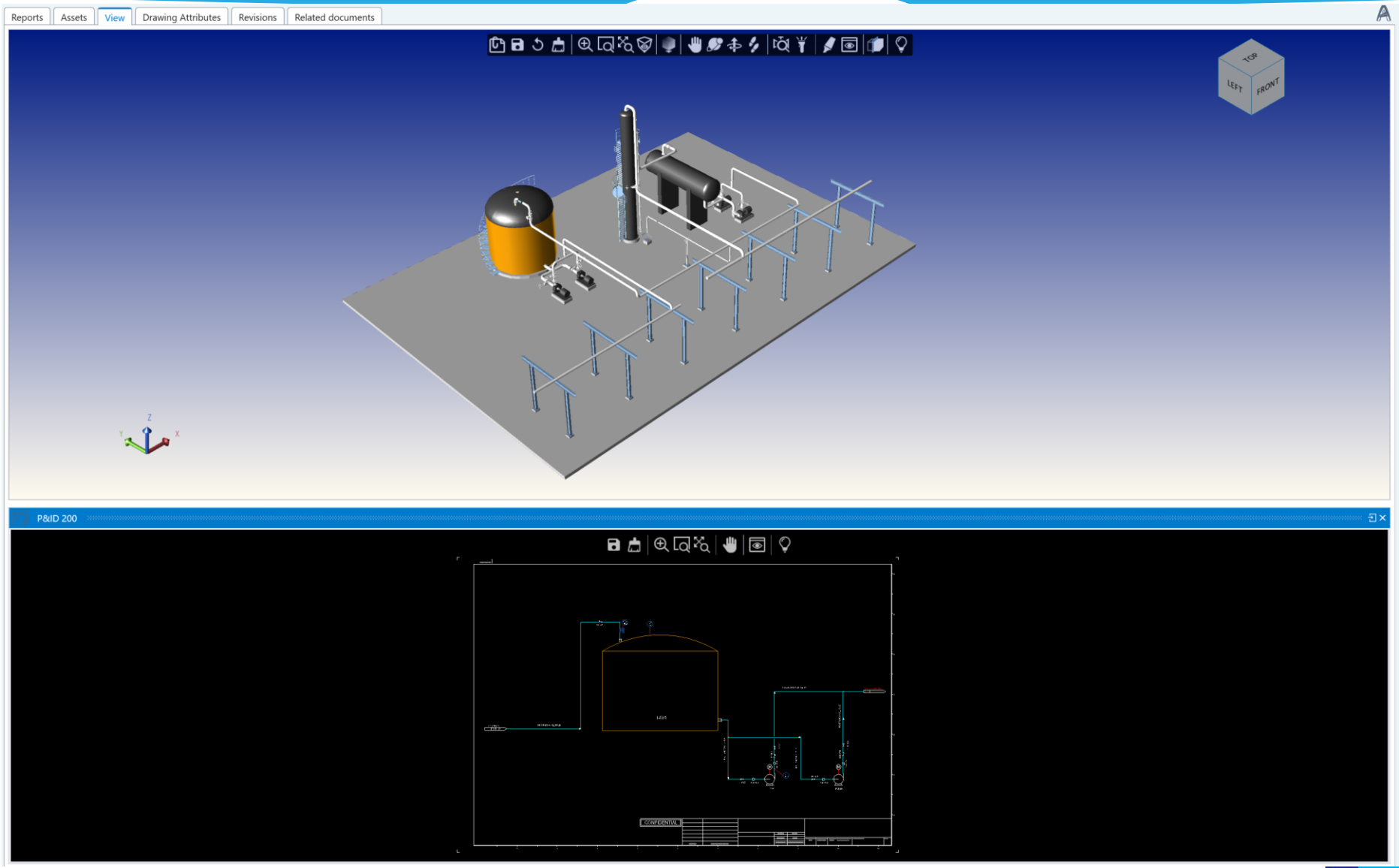

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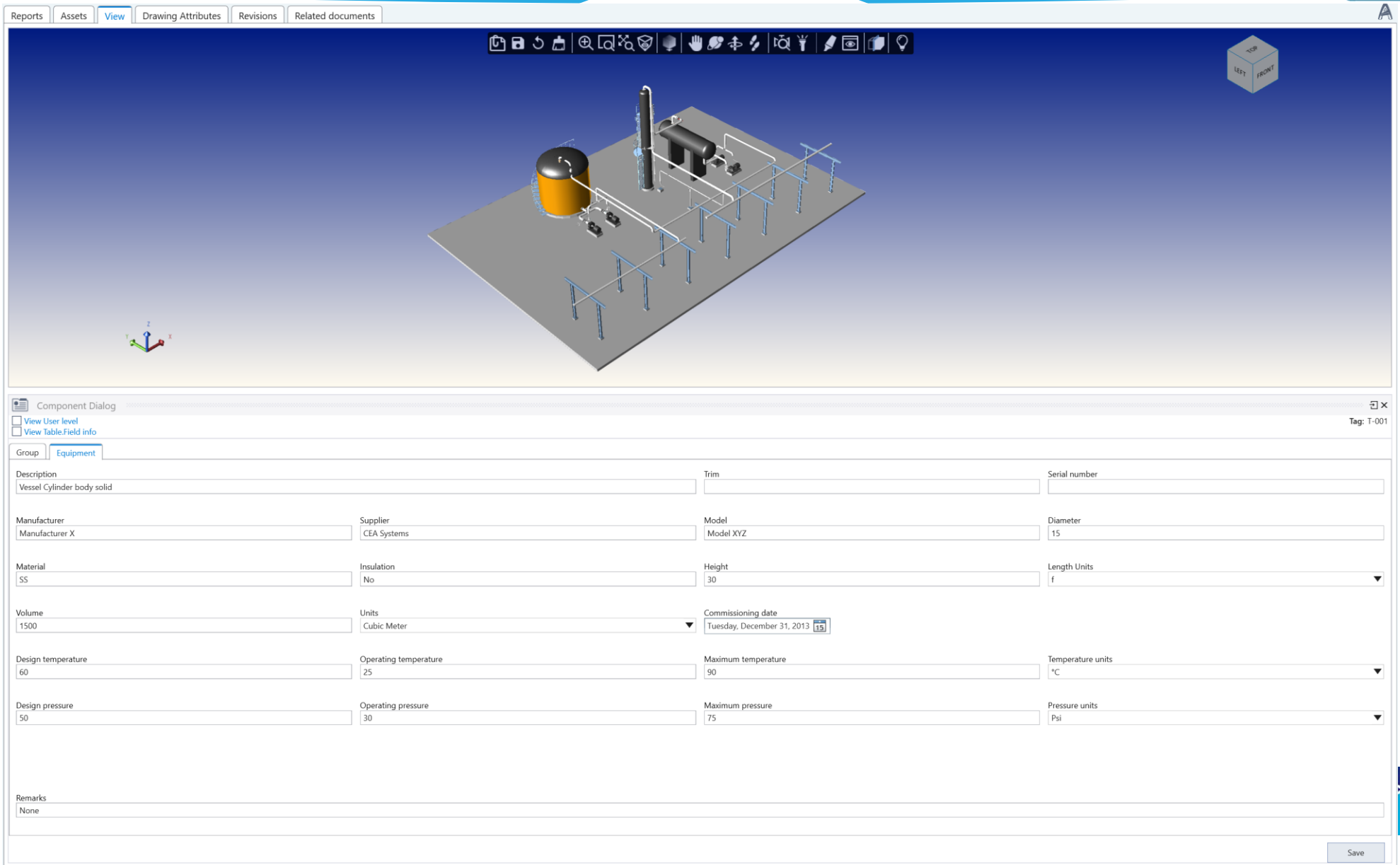

Our Data-Centric Software Solution

Visualization to interact with your data

Bringing together every discipline

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Visualization to interact with your data

Bringing together every discipline

Data validation through MOC-processes

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Visualization to interact with your data

Bringing together every discipline

Data validation through MOC-processes

Secure your data model

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The Results of Plant4D

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Data is a primary and permanent asset

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Break down silos

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Save 1.5 hours per day per person

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Faster & higher quality decisions

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