

# BOM Transforming

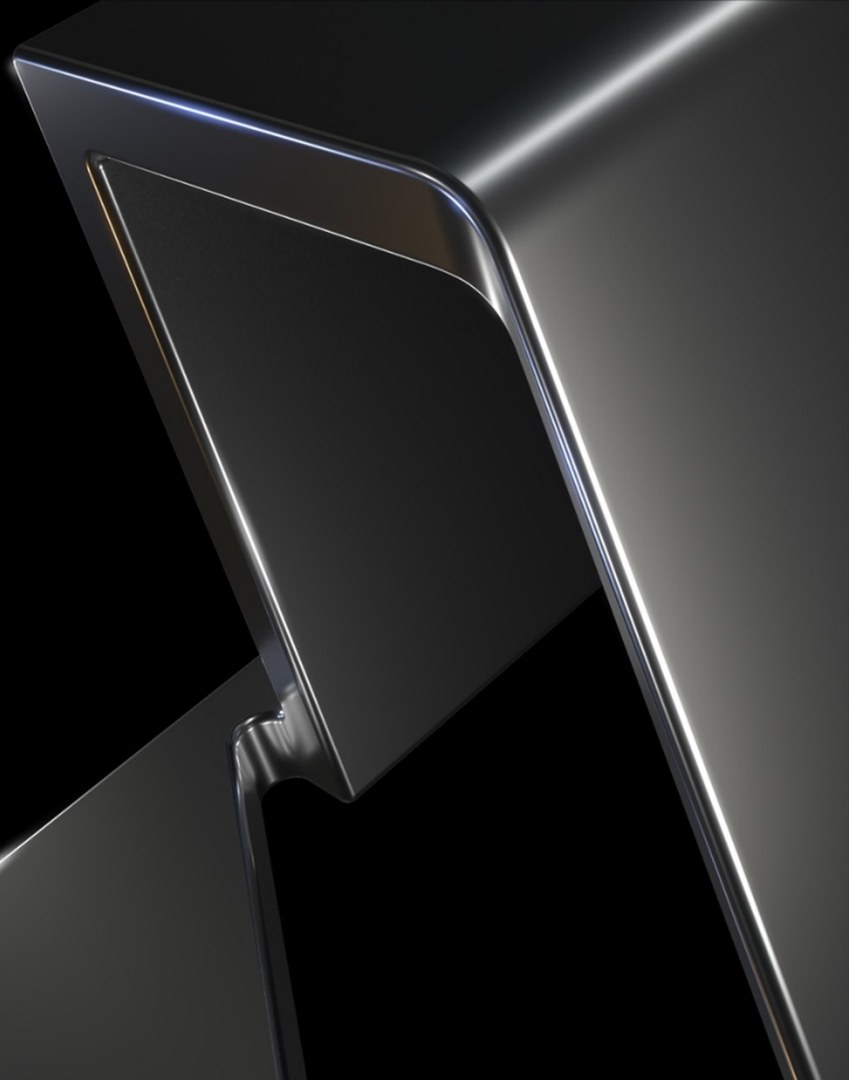
Align Engineering & Manufacturing  
Bills of Materials

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# WELCOME



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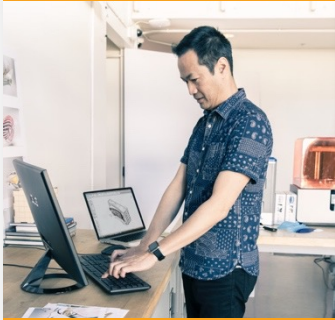
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BETTER PRODUCTS  
START WITH BETTER  
BOM MANAGEMENT

# Bill of Materials

From Engineering to As Maintained



Engineering

Manufacturing

As-Built

Service

CAD

ERP

Excel

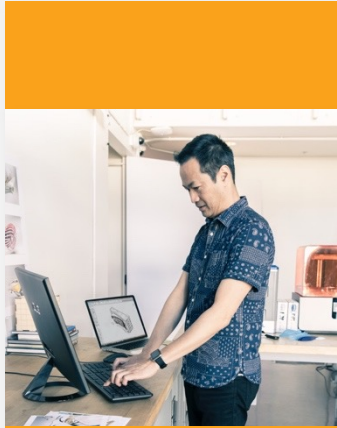
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# Bill of Materials

From Engineering to As Maintained



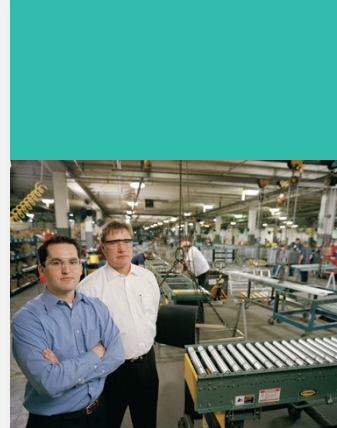
Engineering

PDM

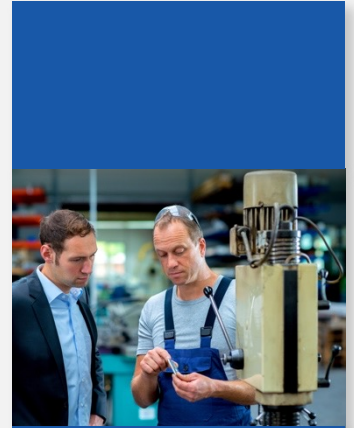


Manufacturing

ERP



As-Built

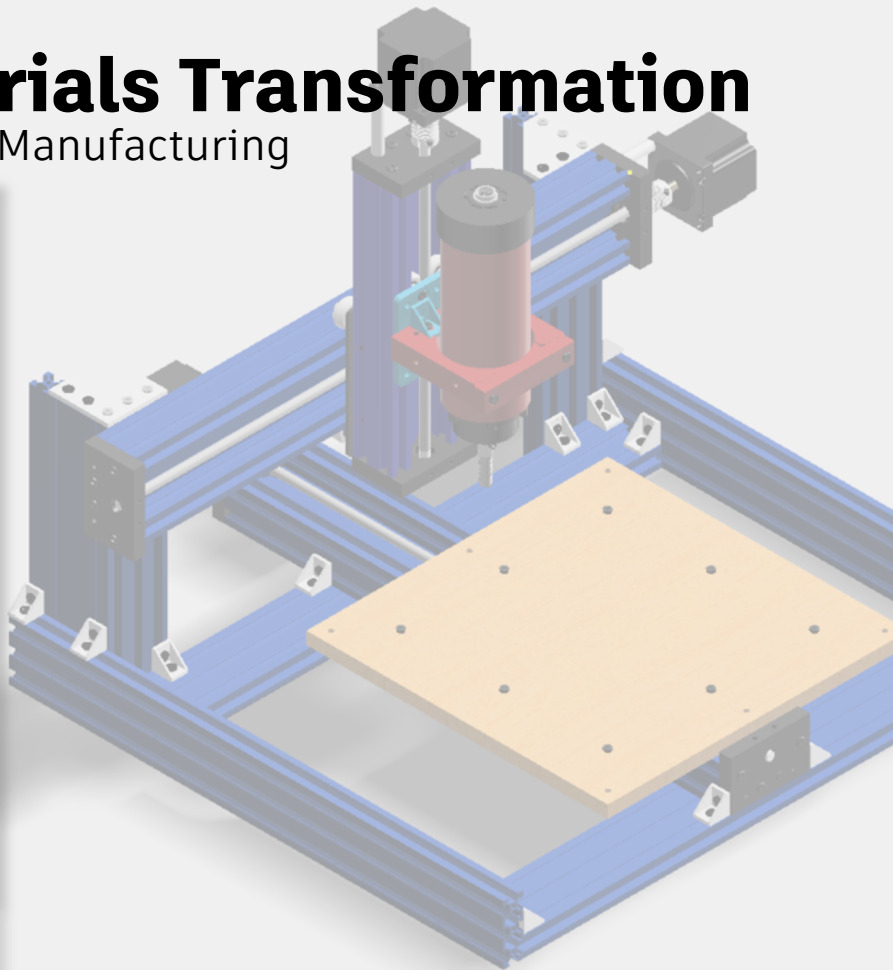


Service

PLM

# Bill of Materials Transformation

From Engineering to Manufacturing



CAD-001

WIP



CAD-100

Released



CAD-101

Released



CAD-102

Released



CAD-200

WIP



Engineering

PDM

MBOM P0100

Released

Item

CAD-101

Released [A]



CAD101.PDF

OP 1000

Released



OP1000.PDF

Item

CAD-103

Released [A]



CAD103.PDF

Item

CAD-102

Released [A]



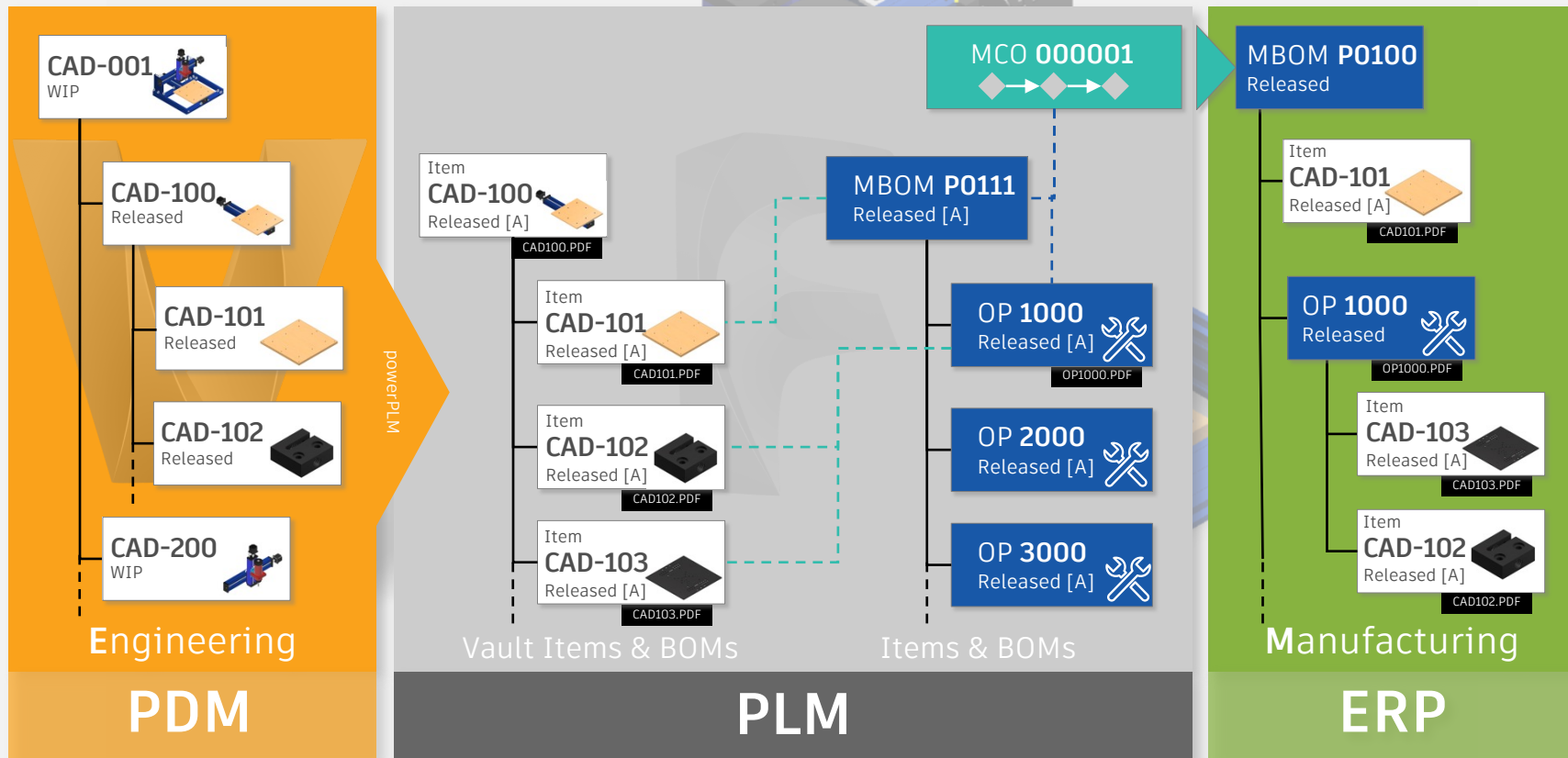
CAD102.PDF

Manufacturing

ERP

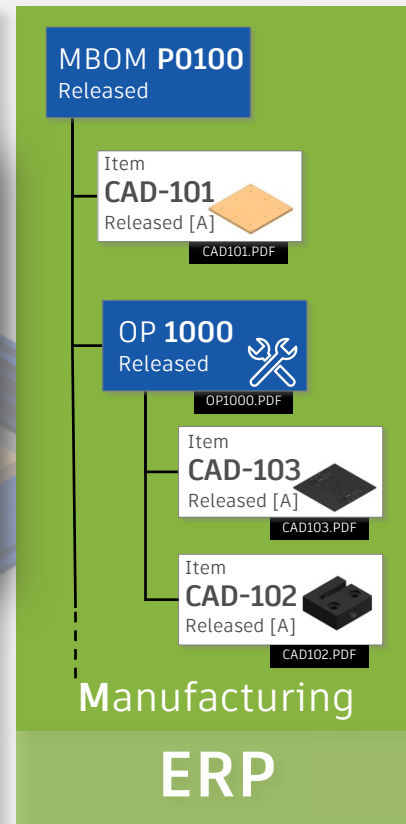
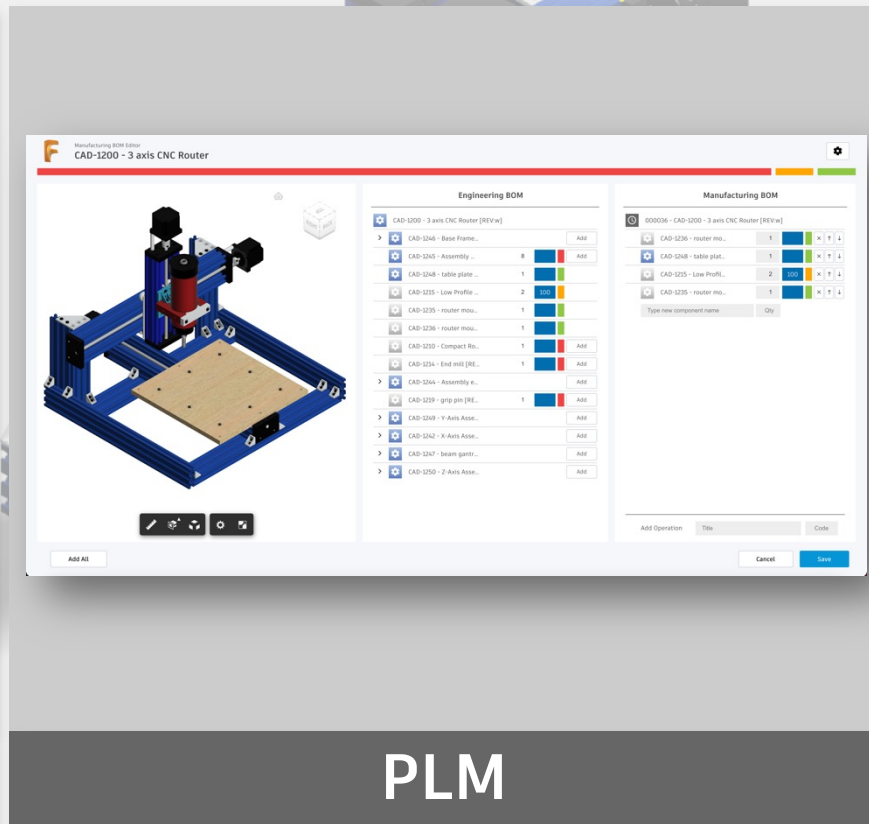
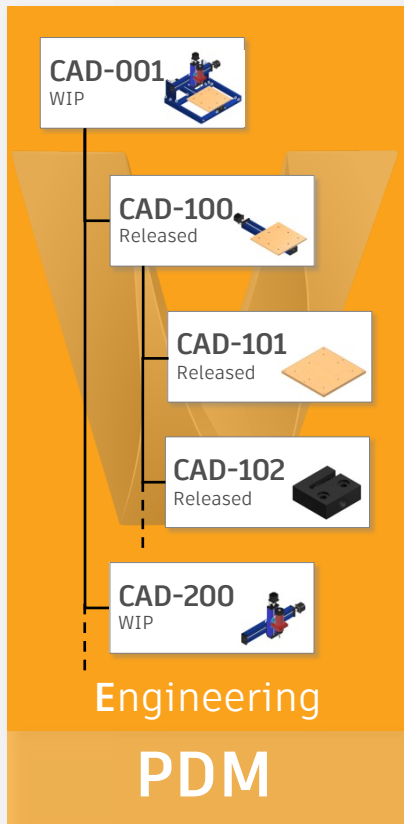
# Bill of Materials Transformation

From Engineering to Manufacturing



# Bill of Materials Transformation

From Engineering to Manufacturing





# SHOWTIME

Review Vault Data in PLM  
Transform EBOM to MBOM  
Track Item Consumption  
Review change impact  
Create Multi-Level MBOM  
Initiate Review & Approval Processes



# Managing the transition process

Home > Vault Items and BOMs

CAD-1248 - table plate assembly [REV:w]

★

⋮

⌵

⌵

⌵

✕

🕒 Pending

🔒 Unreleased

Vault Item Details

Attachments (1)

Engineering Bill of Materials (12)

Where Used (1)

Part List Details (12)


Relationships (0)

More +

Edit

Basics (1 of 5)

Thumbnail



Number

CAD-1248

Title

table plate assembly

Description

table plate assembly

Units

Each

Category

Assembly

CC

A

Open in Vault

Vault Client

Vault Thin Client

Vault Item Status (2 of 5)

📅 Lifecycle Definition

State

Revision

Last Updated

Last Updated By

Item Release

Item Release Process

Released

A

08/30/2021

CAD Admin

Manufacturing BOM (3 of 5)

📅 Editor

MBOM Link

Last Sync

Operation Code

Is End Item

Ignore in MBOM

MBOM Transition

Open

000044 - CAD-1248 - table plate assembly [REV:w]

08/31/2021

☐

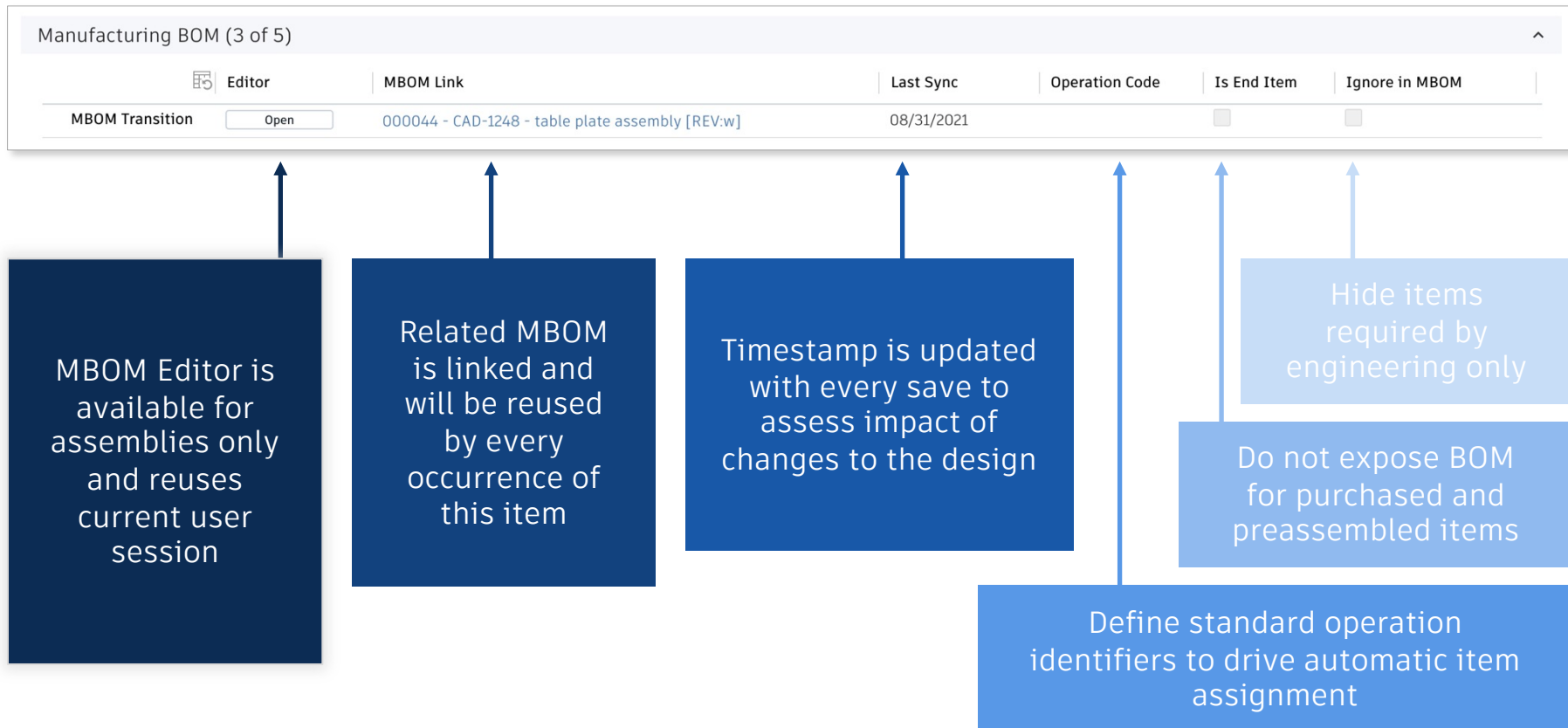
☐

Details (4 of 5)

Primary File (5 of 5)

Owner and Change Summary

# Managing the transition process



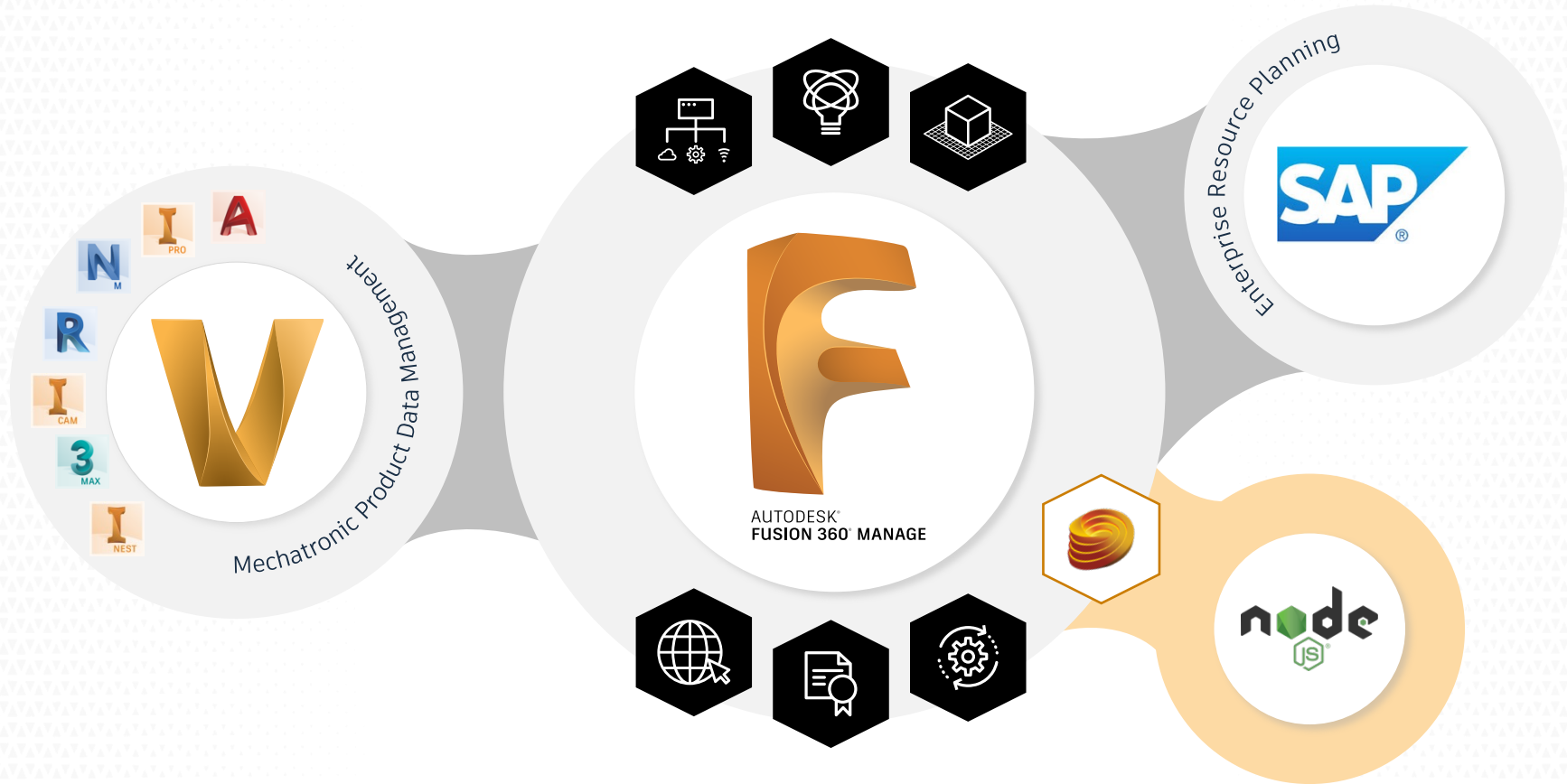
# Connected Cloud Collaboration Platform



# Connected Cloud Collaboration Platform



# Connected Cloud Collaboration Platform





# Why Vault PLM?

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Standard Enterprise BOM Management

Standard Vault Connector

Fast deployment (cloud)

ONE Change Management

BOM Effectivity Management

Manage any BOM (As Built, As Maintained)

**Ease of use**

**Flexibility & Extensibility**



# Possible Extensions

Multiple MBOMs

Select Item Sources

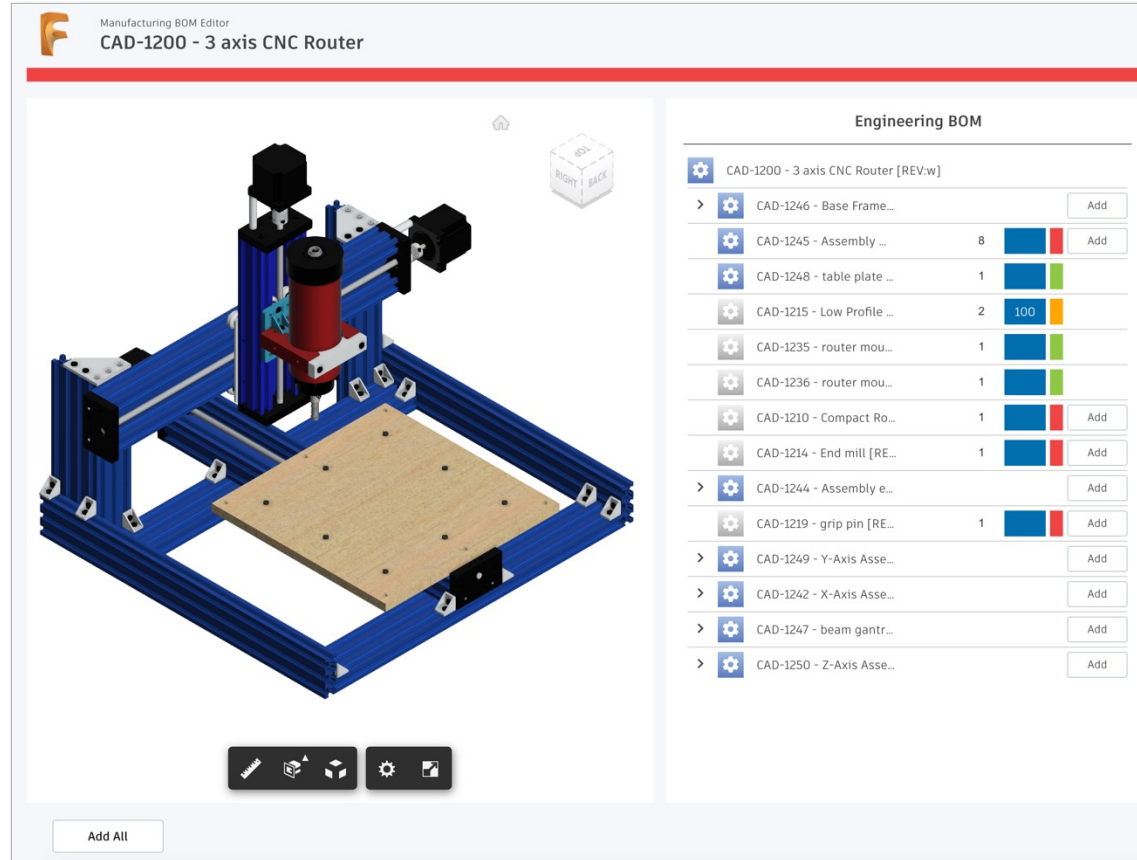
Edit Item Details

Manage Attachments

Standard Templates

Add Existing Items

Parallel Processing



The background of the slide features four abstract, dark gray, three-dimensional geometric shapes in the corners. These shapes resemble stylized, faceted blocks or architectural elements, each with sharp edges and reflective surfaces that catch the light, creating bright highlights and deep shadows. They are positioned in the top-left, top-right, bottom-left, and bottom-right corners, framing the central text.

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