

Welcome!

DynUG – Oslo 26th May

Our offices

PDM Technology ApS

Aalborg, Denmark

PDM Technology North America, Inc.

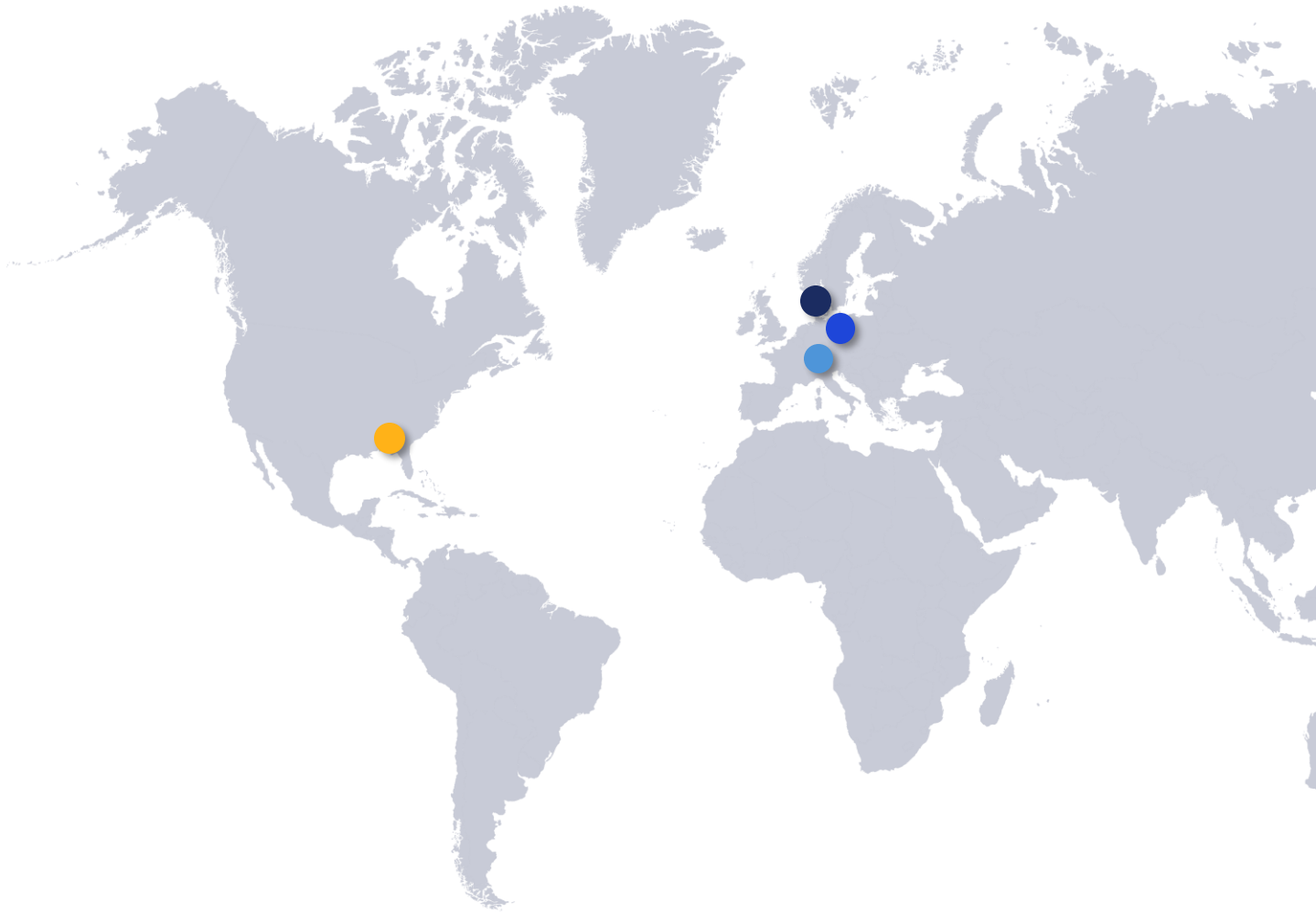
Atlanta, GA

PDM Technology Deutschland GmbH

Handewitt, Germany

PDM Technology Europe s.r.o

Pilsen, Czech Republic



The numbers

PLM solution developed exclusively for and fully embedded inside the Microsoft Dynamics ERP platform.

Bluestar PLM's case studies and literature available from our website bluestarplm.com.

PROFICIENT EMPLOYEES
WORLDWIDE
+70

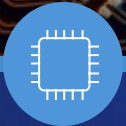
+20
CONTRIES WITH
PROVIDED SOLUTIONS

SUPPORTED USERS
WORLDWIDE
50K

+20
YEARS MICROSOFT
DYNAMICS PARTNER

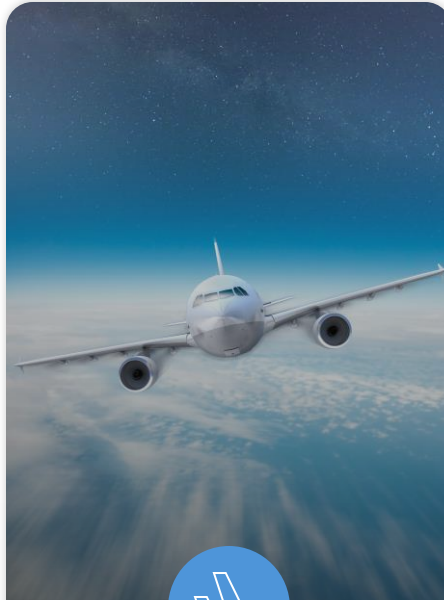
The challenges in manufacturing

Every industry vertical is undergoing the same transformation



Semiconductor

Need for automated engineering processes to accelerate time to market, including **secure collaboration**



Aerospace

Need for **collaborative engineering** that protects IP, especially for Defense customers



Automotive

Full-vehicle & sub-component simulations are needed to ensure safety & performance of products



Chemicals

Need for **secure and collaborative environments** that require high levels of compute, **security** and **IP protection**



Autonomous Systems

Lack of an integrated simulation environment where IP is protected

Modern R&D, engineering teams face bottlenecks in collaboration, communication stifling innovation and leading to real impacts



Product Quality & Time to Market

35%

of engineers reported missing due dates during the design process¹



Executive Visibility

94%

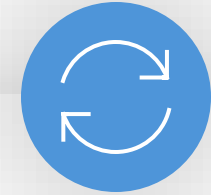
of engineering executives recognize the need for improved mechanical engineering productivity¹



Collaboration Mechanisms

84%

of engineers said that meetings were their dominant mechanism of collaboration and communication¹



Innovation & Product Development

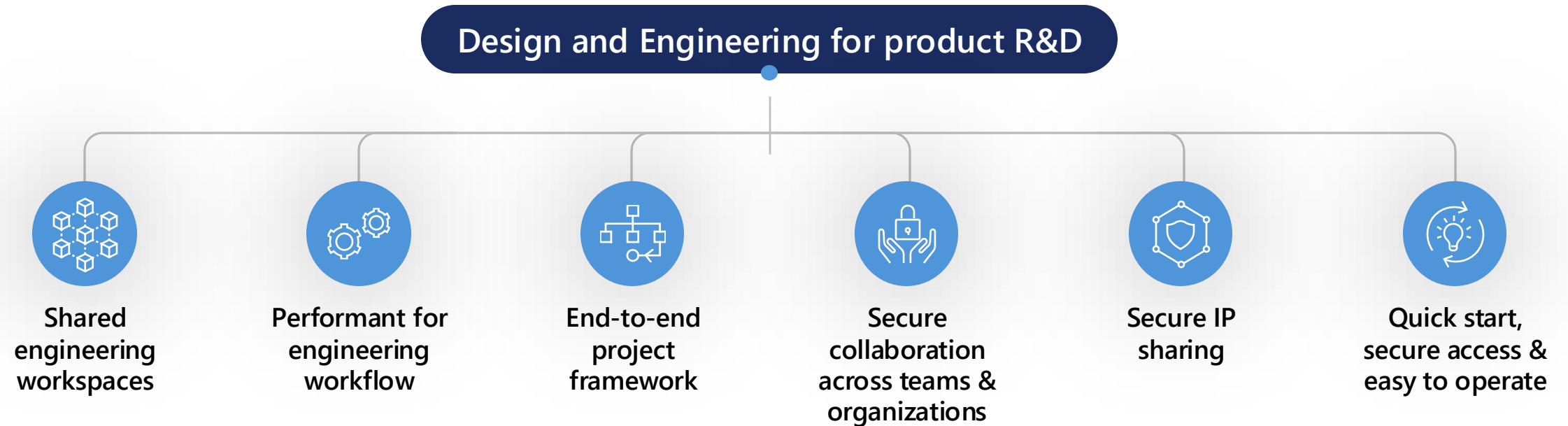
41%

of an engineer's time that is dedicated to innovation and design work. **59%** of their time is spent as non-value add¹

¹ Source: [Anneal Engineering Productivity Survey](#), 2023

Industry challenges

The increasing complexity of modern engineering systems is outpacing government and industry's ability to innovate, plan, and operate.



Macro Trends Driving Innovation

- Impacting Digital Transformation Journeys



Design for Product & Service Innovation

Design smarter, more sustainable products with data-driven services opportunities.



Continuous Releases

Add functionality and value throughout the product lifecycle.



Improved Earnings Quality

Expanded software and digital services adds new recurring revenue streams.

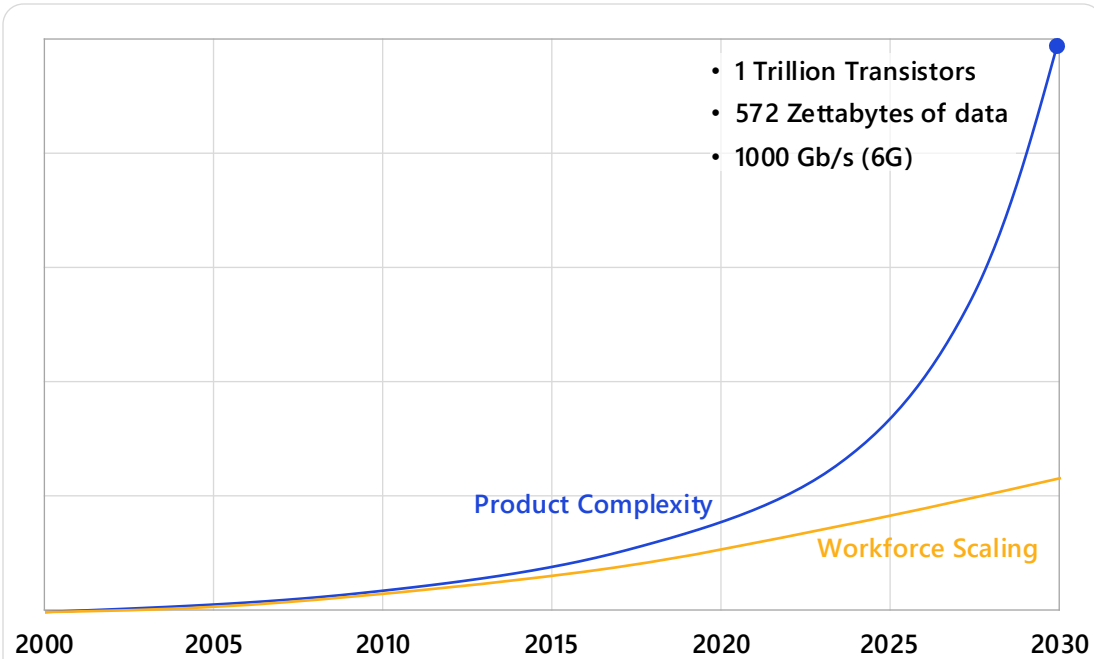


Secure, Connected Value Chain

Streamlined, secure collaboration increases agility across extended project teams.

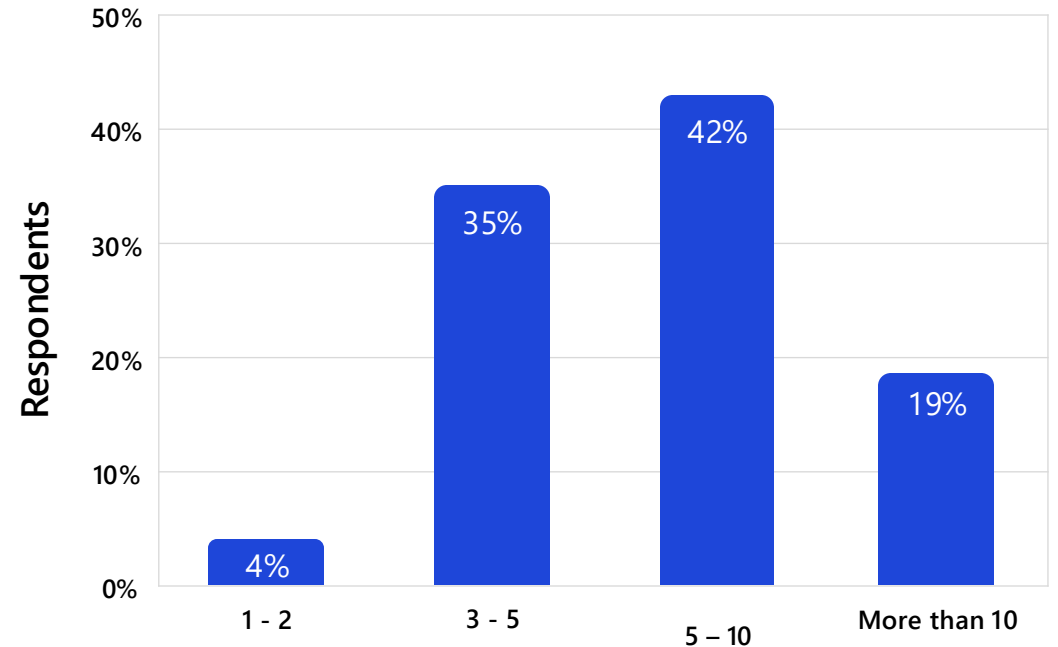
Product complexity megatrend

Product Complexity/Workforce Scaling



- Product complexity is exponentially increasing, workforce scaling is lagging creating a gap

Number of Tools Per Engineer*



- Thousands of requirement attributes to verify
- Multi-discipline designs, interdependent attributes
- Dozens of specialized tools across the enterprise

Digital Transformation

The Digital Thread

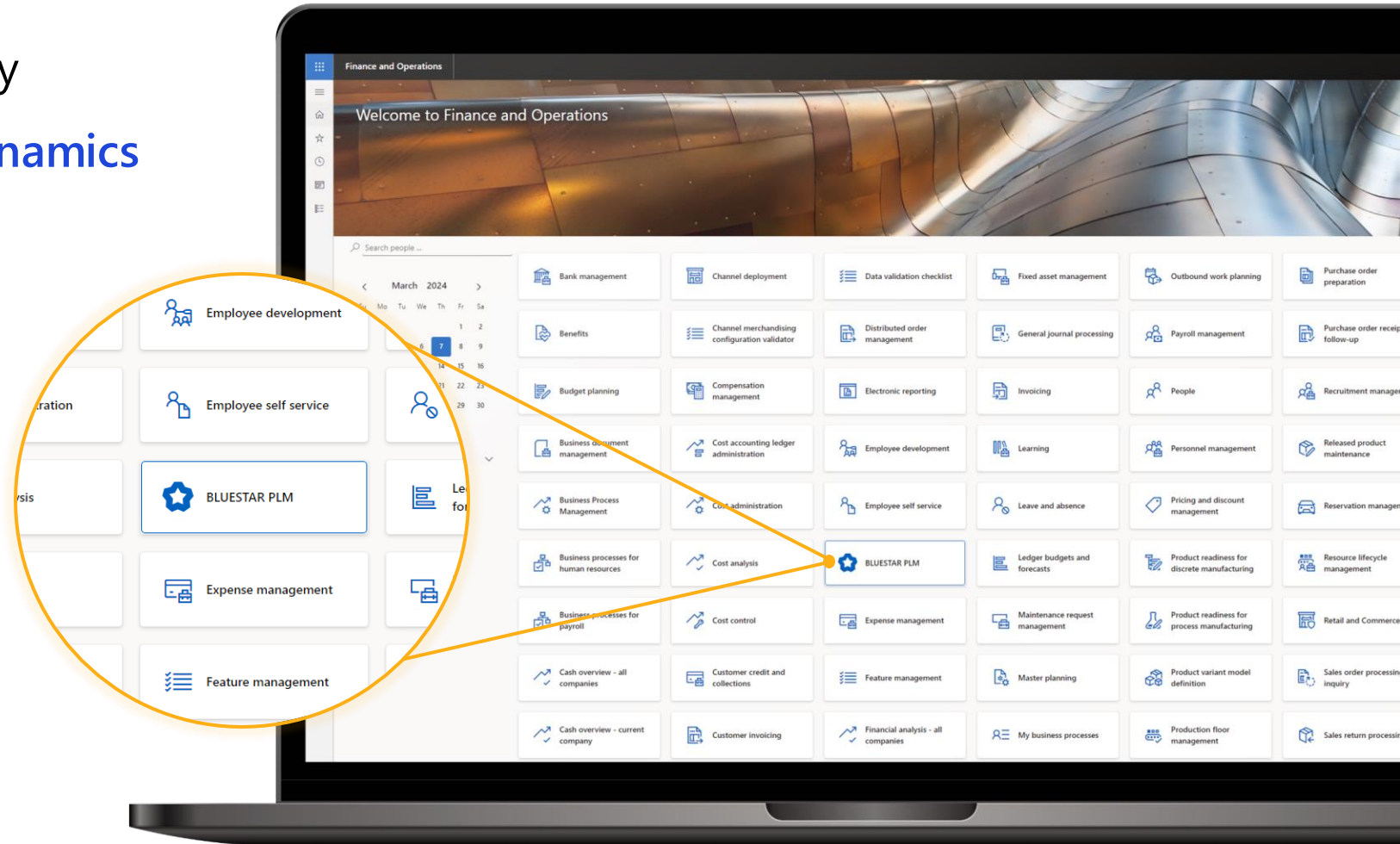


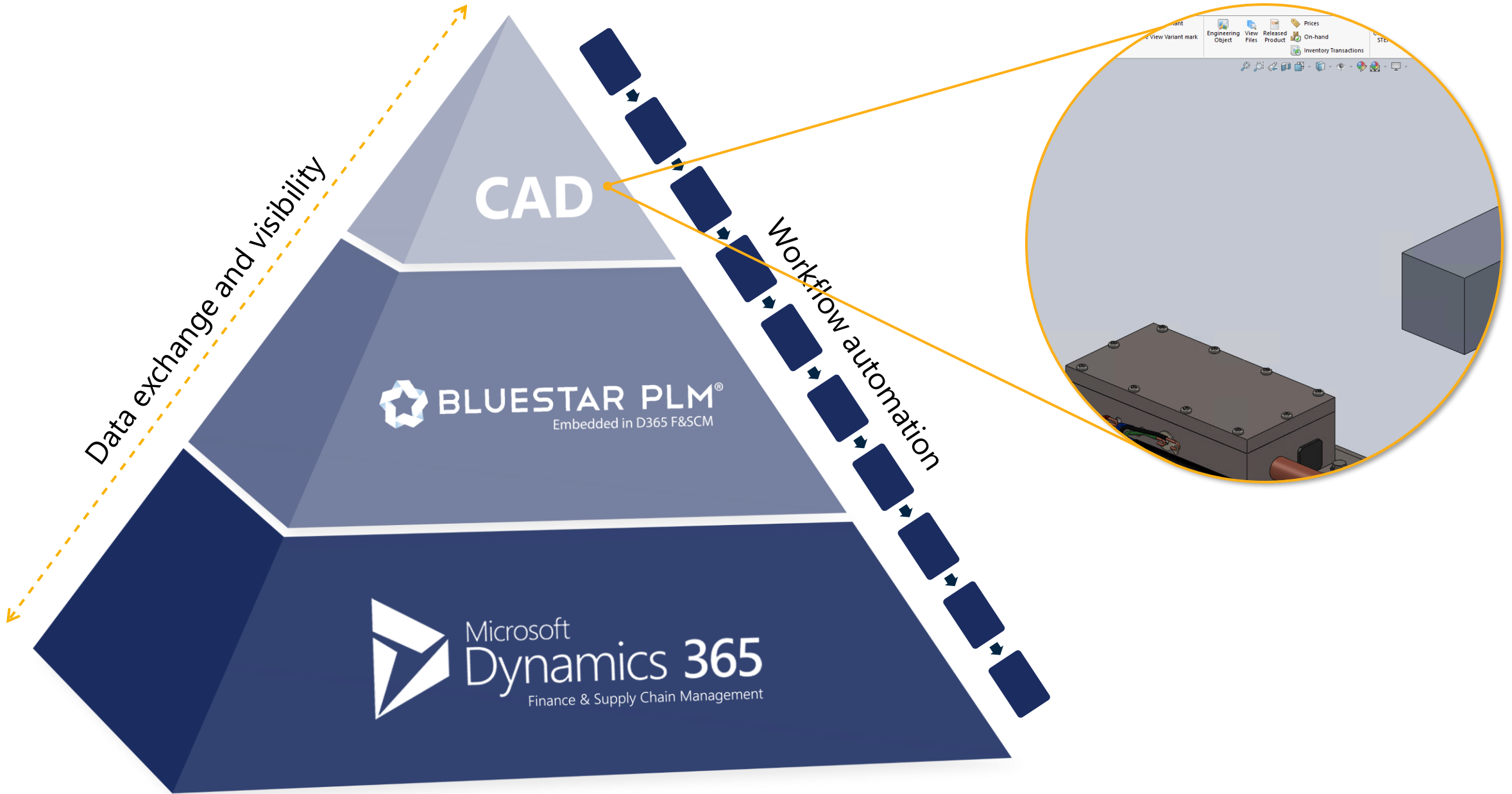
Bluestar PLM

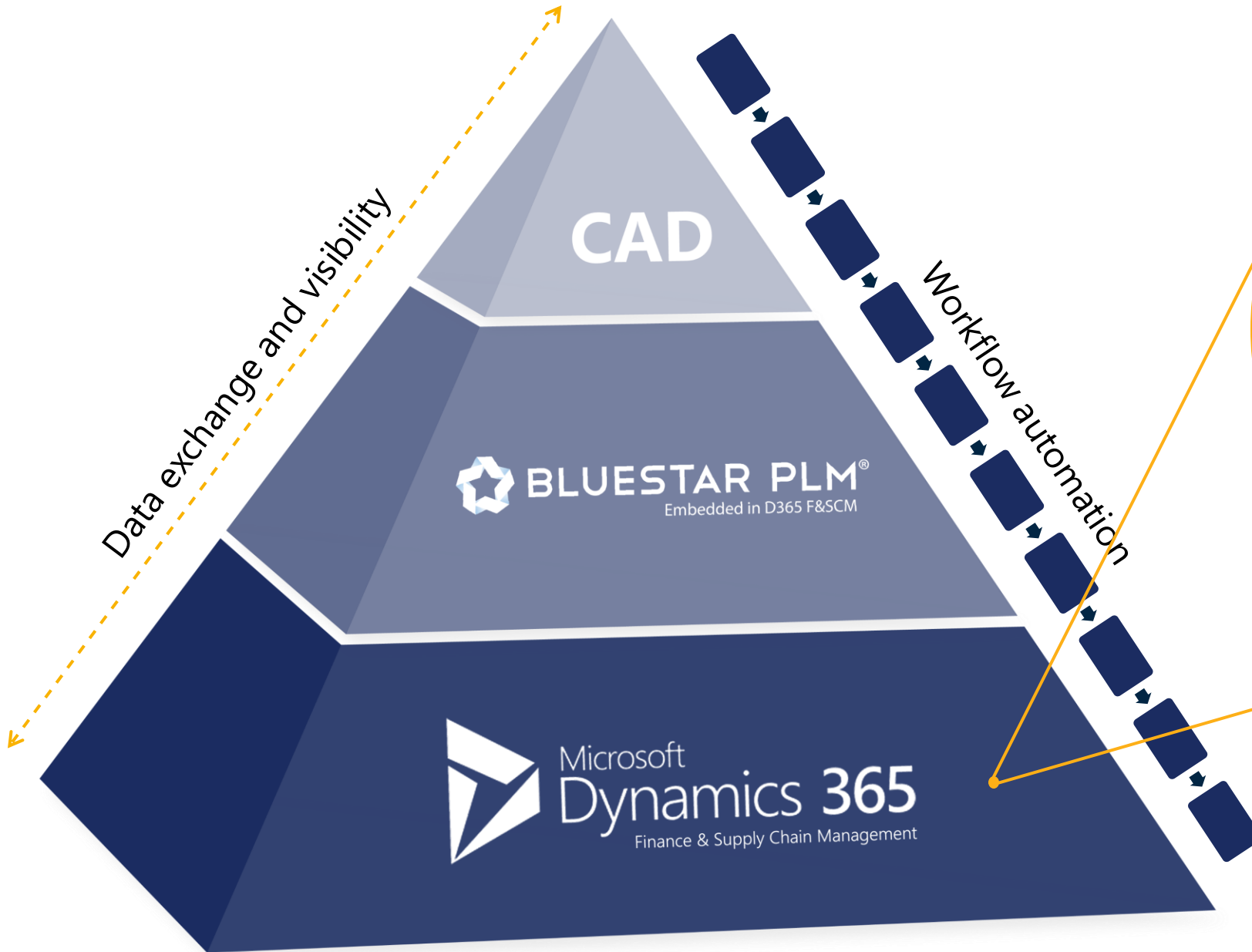


Dynamics 365 F&O Workspace

Bluestar PLM is directly and fully embedded in the **Microsoft Dynamics 365 SCM** workspace.







Sales – Product configuration

Engineering Change Management

Released product details -- Finance

Released product details -- Finance

Change management -- Finance

Not secure | https://usnconeboxax1aos.cloud.onebox.dynamics.com/7cmp=USMF&mi=EcoResProductDetailsExtendedGrid

USMF

Finance and Operations

Search for a page

EditNewDeleteProductPurchaseSellManage inventoryEngineerPlanManage projectsManage costsCommerceGeneralSetupBluestar PLMOptions

View

Smart export

Create

Attach

Configure

Engineering object
View files
Manufacturer items

Smart export
Smart export log

New change
Transfer to Bluestar

New SmartObject
New warranty
New supplier claim

New CAR
New Non conformance

Configure product in Bluestar PLM
Configure product in Bluestar PLM (Web)

Released product details

My view

Filter

Item number	Product name	Search name	Product type	Product subtype	Product service type	Product dimension groups	Product lifecycle state	Engineering product category details	Product owner	Production type
100055	Amplifier Custom	AmplifierCustom	Item	Product	Not specified					BOM
100056	Amplifier Custom New	AmplifierCustomNew	Item	Product	Not specified					BOM
100057	Lid Metal 2 Special custom	LidMetal2Specialcust	Item	Product	Not specified					None
100113	wrench	wrench	Item	Product	Not specified					BOM
100116	arm1	arm1	Item	Product	Not specified					BOM
100117	maingrip	maingrip	Item	Product	Not specified					None
100118	clamp1	clamp1	Item	Product	Not specified					None
100119	pincap	pincap	Item	Product	Not specified					None
100120	arm2	arm2	Item	Product	Not specified					BOM
100121	secondgrip	secondgrip	Item	Product	Not specified					None
100122	release	release	Item	Product	Not specified					None
100123	clamp2	clamp2	Item	Product	Not specified					None
100124	centerlink	centerlink	Item	Product	Not specified					None
100125	screw	screw	Item	Product	Not specified					None
100129	Lid - 2mm - Blue	Lid2mmBlue	Item	Product	Not specified					None
100130	Amp Enh, SW	AmpEnhSW	Item	Product	Not specified					None
100136	Amplifier INV	AmplifierINV	Item	Product	Not specified					BOM
100138	Amplifier Casing Yellow	AmplifierCasingYello	Item	Product	Not specified					BOM
100139	Lid Metal 2 mm custom	LidMetal2mmcustom	Item	Product	Not specified					None
100143	SE Amplifier	Amplifier	Item	Product	Not specified					BOM
100145	Amplifier Casing - Red	AmplifierCasingRed	Item	Product	Not specified					None
100146	Connector Cover	ConnectorCover	Item	Product	Not specified					None
100148	Hex Machine-screw M2x5	HexMachineScrewM2x5	Item	Product	Not specified					None
100149	Standard Screw PH2x25	StandardScrewPH2x25	Item	Product	Not specified					None
100150	Electrical bracket	Electricalbracket	Item	Product	Not specified					None
100151	Mainboard with PCB	MainboardwithPCB	Item	Product	Not specified					None
100152	Pipe	Pipe	Item	Product	Not specified					BOM
100153	TubeBend	TubeBend	Item	Product	Not specified					None
100154	TubeConnector	TubeConnector	Item	Product	Not specified					None
100155	TubeStraight	TubeStraight	Item	Product	Not specified					None
100156	Cable with Molex	CablewithMolex	Item	Product	Not specified					BOM
100157	Cables for PA150	CablesforPA150	Item	Product	Not specified					None
100158	2x2 Molex	2x2Molex	Item	Product	Not specified					None
100159	Power-plug	Powerplug	Item	Product	Not specified					None
100168	Amplifier SW	AmplifierSW	Item	Product	Not specified					BOM
100169	Amplifier PA150 Casing	AmplifierPA150Casing	Item	Product	Not specified					BOM
100170	Mainboard with PCB	MainboardwithPCB	Item	Product	Not specified					None

Related information

Product image

Change image

PDF preview

Retail channels

Related product variants

Product change cases

Assortments

Engineering version

Readiness check control

Engineering changes

Type here to search

SOLIDWORKS Prem...

Released product d...

ENG 12:58 11/11/2024

As Built Traceability

BOM
Lines
Composed of

Where-used
Compare

Links
Parent links
Child links
CAD structure

Structure view
View workflow

View active tasks
View all linked files

History
Revisions
Revision time line
Copied from

Copied to
Engineering changes
As built

Release trace
Event log
Smart export log

Engineering objects
Standard view * v

Object filter
All objects

Revision and approval filter
All

Work area filter
Off

Document type filter
Off

Excluded BOM flags
Off

Current work area
AREA-1004, SolidWork...

	File icon	Object icon	Object ID	Variant ID	Object name	Variant name	Revision	Signed on	Status	Class	Class description
			100173		Amplifier package		0-0		Revised		
<input checked="" type="checkbox"/>			100173		Amplifier package		1-0		Approved		
			100173		Amplifier package		2-0	CHARLIE	Design		

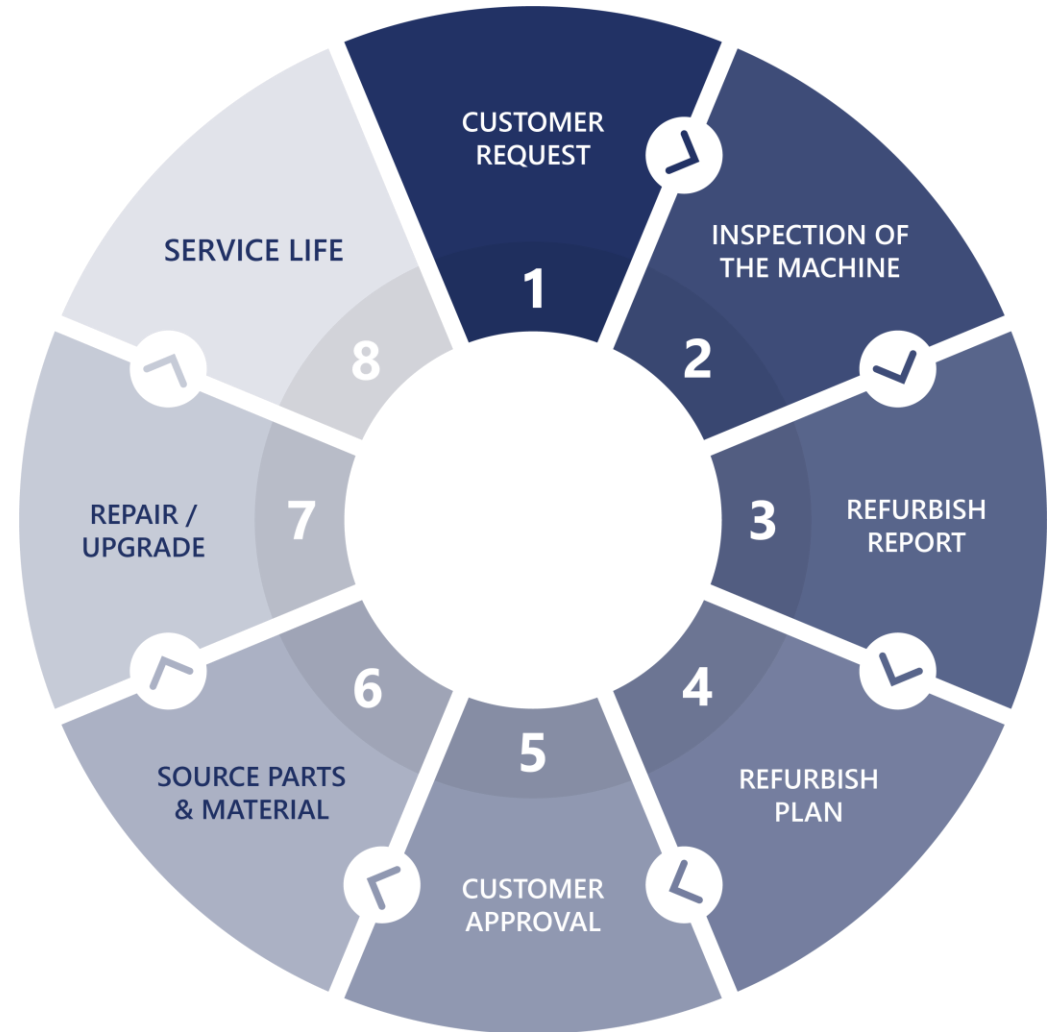
After-sales Redesign and Repair (Refurbishment)

Replace / Repair / Reuse / Repurpose parts.
Manage product upgrade **assigning action** to specific parts.

Updates **Digital Twin** so that it **always reflects reality**.

Full **traceability** of evolvement in product design.

Control redesign/repair of product with service bill of material (**BOMs**) like all other products using project/MRP planning.



Field Service

Microsoft Edge

Power Apps | Apps

Work Order: Work Order: 00015

operations-field-service-demo.crm4.dynamics.com/main.aspx?appid=64658152-2e46-ed11-bba2-000d3ab4ca3e&pagetype=entityrecord&etn=msdyn_workorder&id=4e403cd0-dceb-4854-90ec-9eebbf82818c

Sharepoint

Securden Password...

Jira

Tempo - Jira

reMarkable - Web L...

Academy

YouTube Music

Components - Jira

Motus - BP - Issues...

[assigned to me] Iss...

MOT test

MotusServer

Motus tasks

Motus task tracker

[Motus overblik bp]...

LCS

How to upload to L...

Bluestar PLM - Uplo...

Jira 17/3

All Bookmarks

Dynamics 365

Field Service

SANDBOX

New look

Knowledge articles and incident type products, services, and service tasks will be added in the background. Changes may not take effect immediately.

←

📁

Save

Save & Close

+ New

📅 Book

🗑️ Delete

🔄 Refresh

★ BlueStar

Share

00015 - Saved

Work Order - Work Order

Work Order Business Pro...

Active for less than one minute

Work Order (< 1 Min)

Schedule Work Order

Close Work Order

Summary

Settings

Products

Services

Service Tasks

Articles

Location

Record Log

Related

GENERAL

Work Order Number 00015

Service Account Cave Wholesales

Billing Account Cave Wholesales

Functional Location Aalborg Location

System Status * Unscheduled

Substatus

Work Order Type * Technical

Price List * Default price list - USD

Work Hour Template

Work Order Summary

PRIMARY INCIDENT

Primary Incident Type Incident Type

Primary Incident Description

Primary Incident Estimated Duration

Primary Incident Customer Asset 105170--\$22--US-004-demo asset

IoT Alert

Timeline

Search timeline

Enter a note...

Get started

Capture and manage all records in your timeline.

CUSTOMER DETAIL

Primary Contact

Email

Address Phone

INCIDENTS

Name

Custom...

Work O...

Funcio...

Incident Type

Incident Type

105170--\$22--

00015

Aalborg Locat

Incident Type

Rows: 1

BOOKINGS

Name

Work O...

Start ...

End Time

Duration

Resour

We didn't find anything to show here

Rows: 0

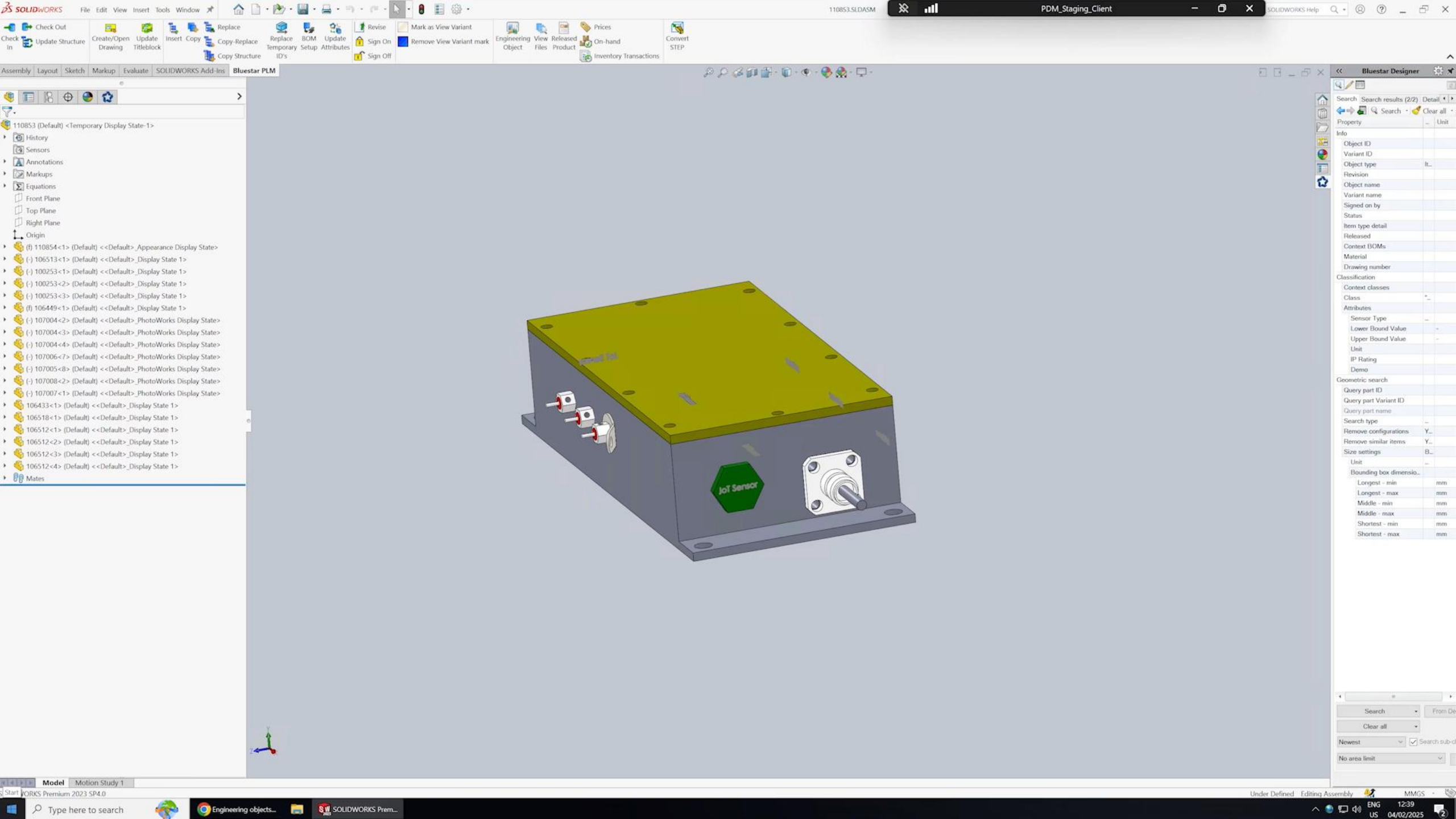
TOTAL

Service

15:49

28-Feb-24

AI + CoPilot in Bluestar PLM



To Summarize:

- Challenges
- Digital Transformation
- Digital Thread
- Embedded PLM

Selected customers

