

# Configit<sup>®</sup>

What AI Thinks You Offer  
vs.  
What PLM Says You Build

CIMdata PLM Roadmap – May 6-7, 2026

PLM Road Map<sup>™</sup> & PDT North America 2026

AI in PLM: A Disruptive Opportunity and Challenge

*Turning AI disruption into enterprise value:*

*Strategic insights for the PLM professional*

6-7 May 2026

CIMdata<sup>®</sup>

[www.CIMdata.com](http://www.CIMdata.com)

# THIS IS THE EDSEL

*never before a car like it*



Ford made the decision to make the Edsel and then looked for reasons why they made the right decision, making it... *“the wrong car at the wrong time”*

*Jan Deutsch*

**c. 1958**

*newest expression of fine engineering from Ford Motor Company*





# Ace Prompt

Accelerate innovation with reliable, AI-powered product modeling



# FastFillers Forklift Series

Power • Precision • Flexibility



Up to 2500 kg load



Max lift height of 10 m



Operator comfort options



Advanced safety systems





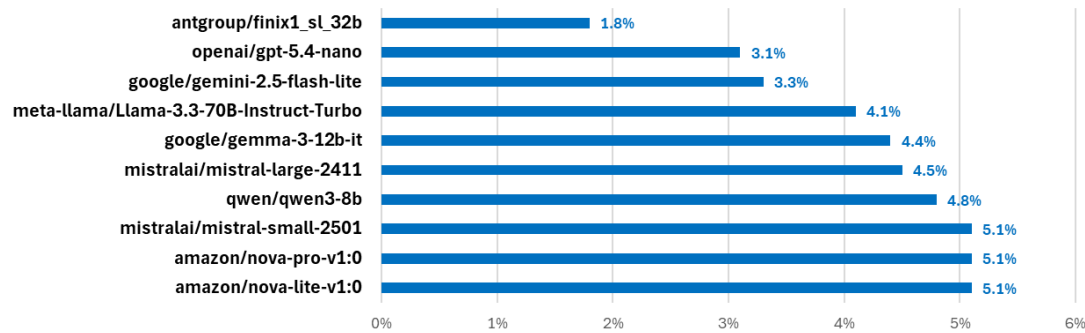
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Challenges working with AI



## TAKEAWAY 1: AI is highly sensitive to context

Grounded Hallucination Rates – April 2026



Grounded Hallucination = Answer that should have been anchored, but the model still got it wrong

AI is only as **reliable** as the context it receives, and the **level of completeness**

$$x^2 = 25$$

$$x^2 = 25$$

$$x = 5$$



## TAKEAWAY 2: AI becomes confidently aligned to your perspective

AI systems can **“amplify, propagate, or introduce bias”** present in data.

*National Institute of Standards and Technology*

Models can exhibit **“sycophantic behavior”**, agreeing with users rather than being correct.

*Anthropic*

AI scales localized versions of truth, resulting in ‘departmental dissonance’





### TAKEAWAY 3: When gaps exist, AI fills how it best sees fit

Without a reliable data foundation, AI fill gaps with what is most probable, and hallucination rates increase dramatically



**Grounded models:** ~ 3 - 5% error  
**Incomplete context:** 15 - 30% error

Upstream AND downstream decisions are made **without Engineering intent**



Adding AI to **fragmented systems** doesn't fix them,  
it **learns all four truths** instead of one.



AI is highly **sensitive to context**



AI becomes **confidently aligned to your perspective**



When gaps exist, **AI fills how it best sees fit**





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How Leading Organizations  
Leverage AI



## Converge Your Data

Align on a **unified source of truth** by connecting **product logic across systems**

- ✓ **Sales** is right.
- ✓ **Engineering** is right.
- ✓ **Manufacturing** is right.
- ✓ **Service** is right.

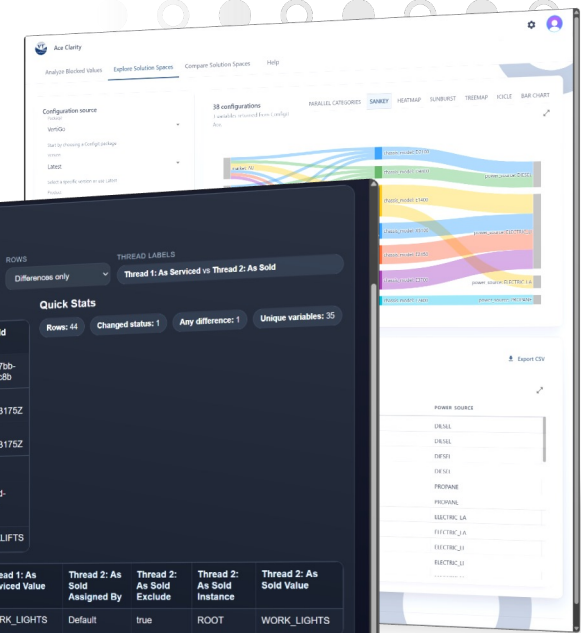
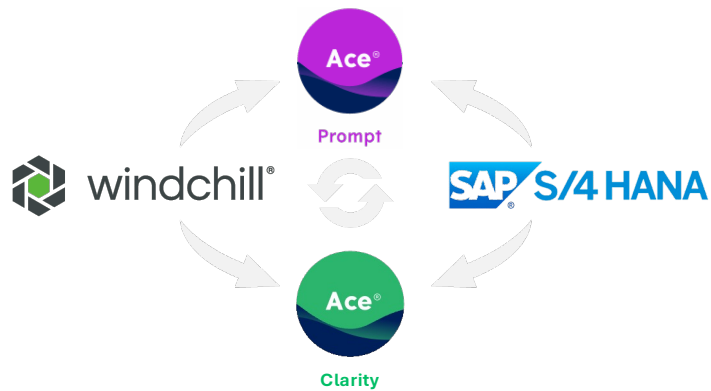
Four perspectives. **One Product.**





# Validate What is Known

- ▶ Identify **where** assumptions exist
- ▶ Anchor decisions to **Engineering intent**
- ▶ **Build a trusted data foundation**



### Assignment Comparison

Columns: A through J | STATUS FILTER: Changed | ROWS: Differences only | THREAD LABELS: Thread 1: As Serviced vs Thread 2: As Sold

SEARCH ASSIGNMENTS: Search variable, value, instance, status

Summary Fields

Field	Status	Thread 1: As Serviced Value	Thread 2: As Sold Value
id	CHANGED	cta7e1ca-c405-4c30-8858-e642ac959c14	E53cde5e-0008-47bb-9ba3-05e702bc9d8b
createDate	CHANGED	2026-03-23T18:31:54.6228402Z	2026-03-18T17:04:00.4503175Z
lastUpdateDate	CHANGED	2026-03-23T18:31:54.6228402Z	2026-03-18T17:04:00.4503175Z
name	CHANGED	As Serviced	As Sold
packagePath	SAME / BLANK	VertGo-192bd76d-7b0e-44ba-b1c9-57a7cbeab78b	VertGo-192bd76d-7b0e-44ba-b1c9-57a7cbeab78b
productId	SAME / BLANK	VERTIGO_FORKLIFTS	VERTIGO_FORKLIFTS

Quick Stats: Rows: 44 | Changed status: 1 | Any difference: 1 | Unique variables: 35

Variable	Status	Thread 1: As Serviced Assigned By	Thread 1: As Serviced Exclude	Thread 1: As Serviced Instance	Thread 1: As Serviced Value	Thread 2: As Sold Assigned By	Thread 2: As Sold Exclude	Thread 2: As Sold Instance	Thread 2: As Sold Value
SAFETY	CHANGED	User	false	ROOT	WORK_LIGHTS	Default	true	ROOT	WORK_LIGHTS

Click a column header to sort.

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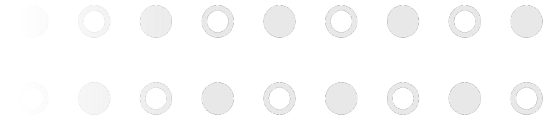
### BOM Comparison

Columns: 1 through 8 | PRODUCT FILTER: All products | ROWS: All rows | COMPARISON LABELS: As Serviced vs As Sold

SEARCH BOMS: Search product, part number, quantity, justification

Rows: 16 | Differences: 1 | Unique part numbers: 16

Product	Part Number	As Serviced Justification	As Serviced Qty	As Serviced Unit	As Sold Justification	As Sold Qty	As Sold Unit
CHASSIS	ASM-E1400-BASE	Configuration	1	EA	Configuration	1	EA
CORE	ATT-TELE-FORKS	Configuration	1	EA	Configuration	1	EA
POWER_SOURCE	BAT-36V-740AH	Configuration	1	EA	Configuration	1	EA
CORE	BRK-REGEN-ELEC	Configuration	4	EA	Configuration	4	EA
CHASSIS	CAB-OPEN-OH	Configuration	1	EA	Configuration	1	EA
ACCESSORIES	CAM-REAR-BACKUP	Configuration	1	EA	Configuration	1	EA





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Converge - Connect - Clarify

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