



Elevating Patterns GmbH

Realizing the Digital Thread

Threaded@Develop3Dlive

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Warwick, UK
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www.elevating-patterns.com

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The Vision

**Connect and orchestrate all
Industrial Product Data wherever it
may live.**

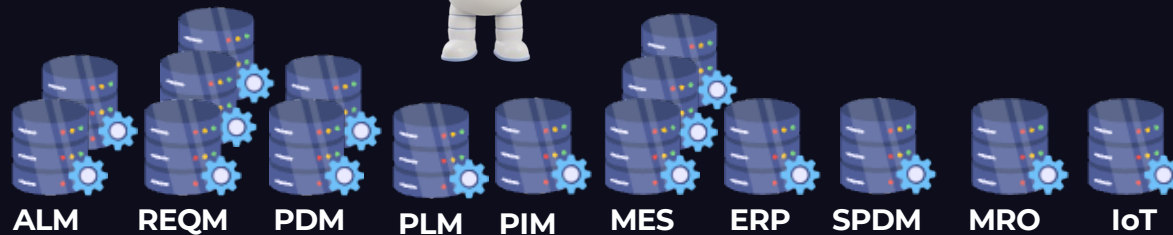
**All Disciplines. All Systems.
Across Company boundaries.**

**We call this the Digital
Thread.**

The New Pain

No Digital Thread, No Industrial AI

I don't understand this mess!

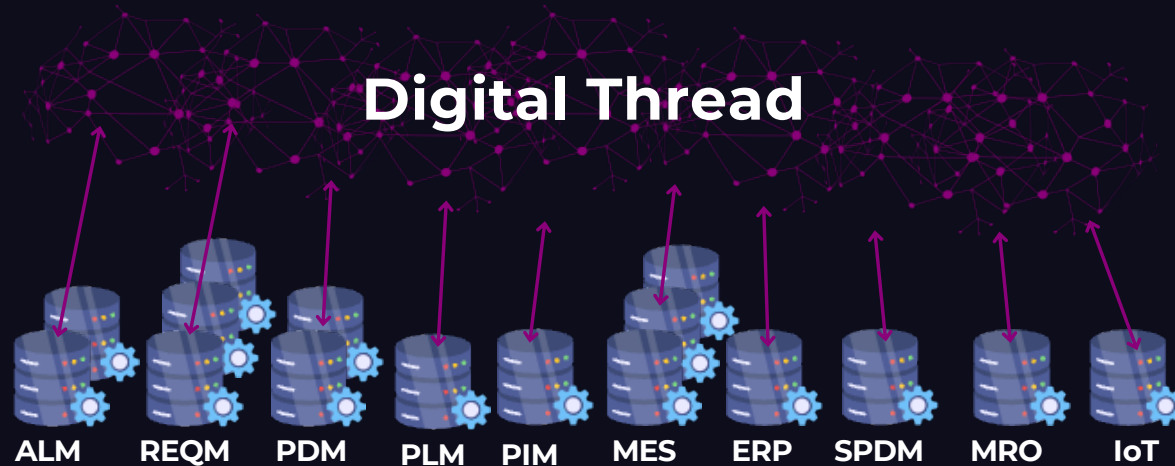


The Solution

A graph-based Digital Thread System

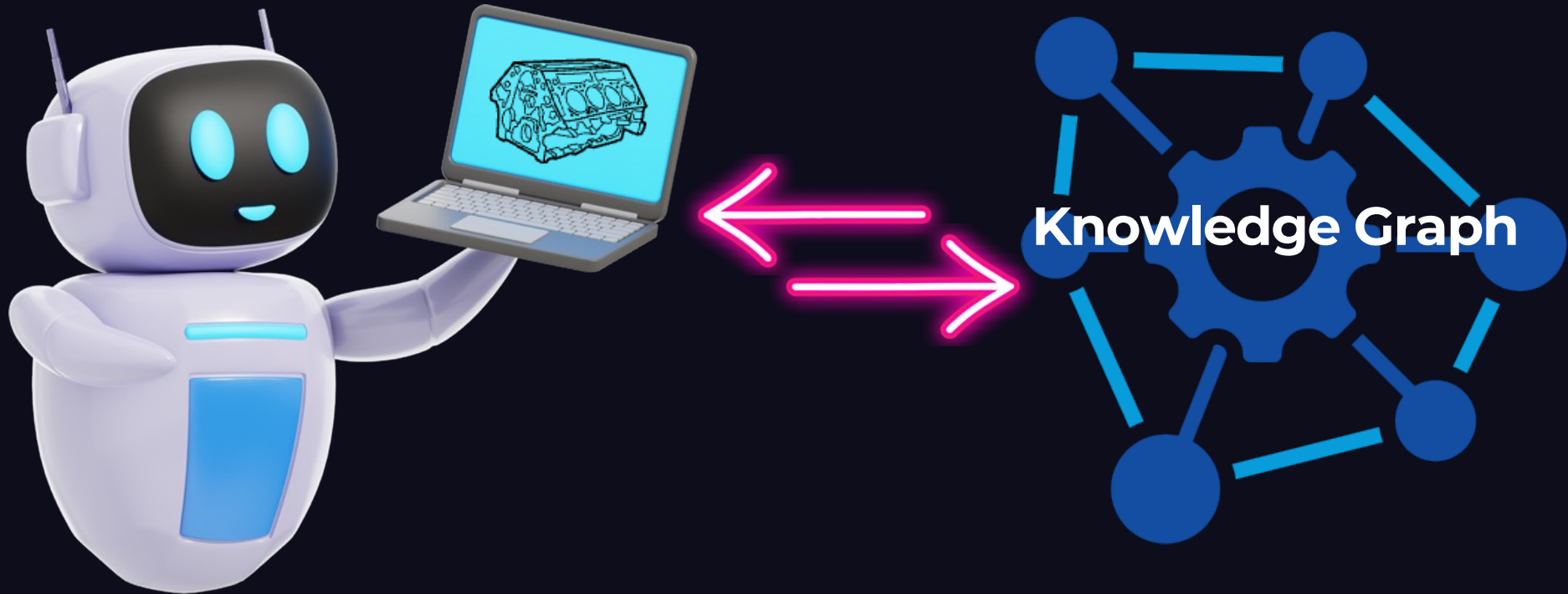


I get
it
now!



AI for Product and Enterprise Data

Possibilities are ahead



Ed Honour
Source: Instagram

Yes, we are on
it, Ed!



AI is reshaping a huge market

Customizing just got 90% cheaper

Static Enterprise Software (SaaS + Onprem)

Market size **720** Bn. USD (2025)

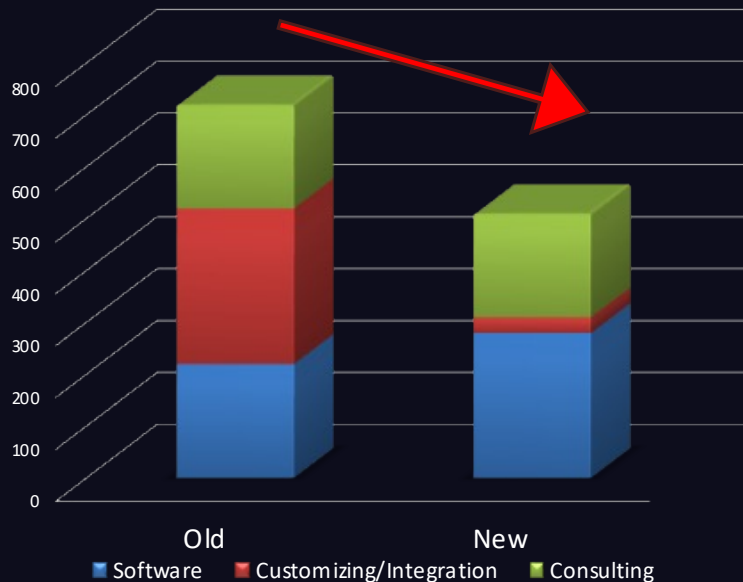
- Software 30%
- Customizing/Integration **43%**
- Consulting 27%

New AI-powered Enterprise Software

New Market size **510** Bn. USD

- Software 54%
- Customizing/Integration **7%**
- Consulting 39%

Enterprise Software Market Size



The Solution

A graph-based Digital Thread System

2 Challenges: Horizontal & Vertical Integration

- Can AI generate domain-specific data models?
- Can AI build Connectors?

YES, WE CAN!





Why now?

**The complexity of the
Digital Thread can only
be handled by the latest
graph technology**



AI powered data modeling

Hey Claude, can you do this?



OSLC Requirements
ontology



Thinking...

{JSON}

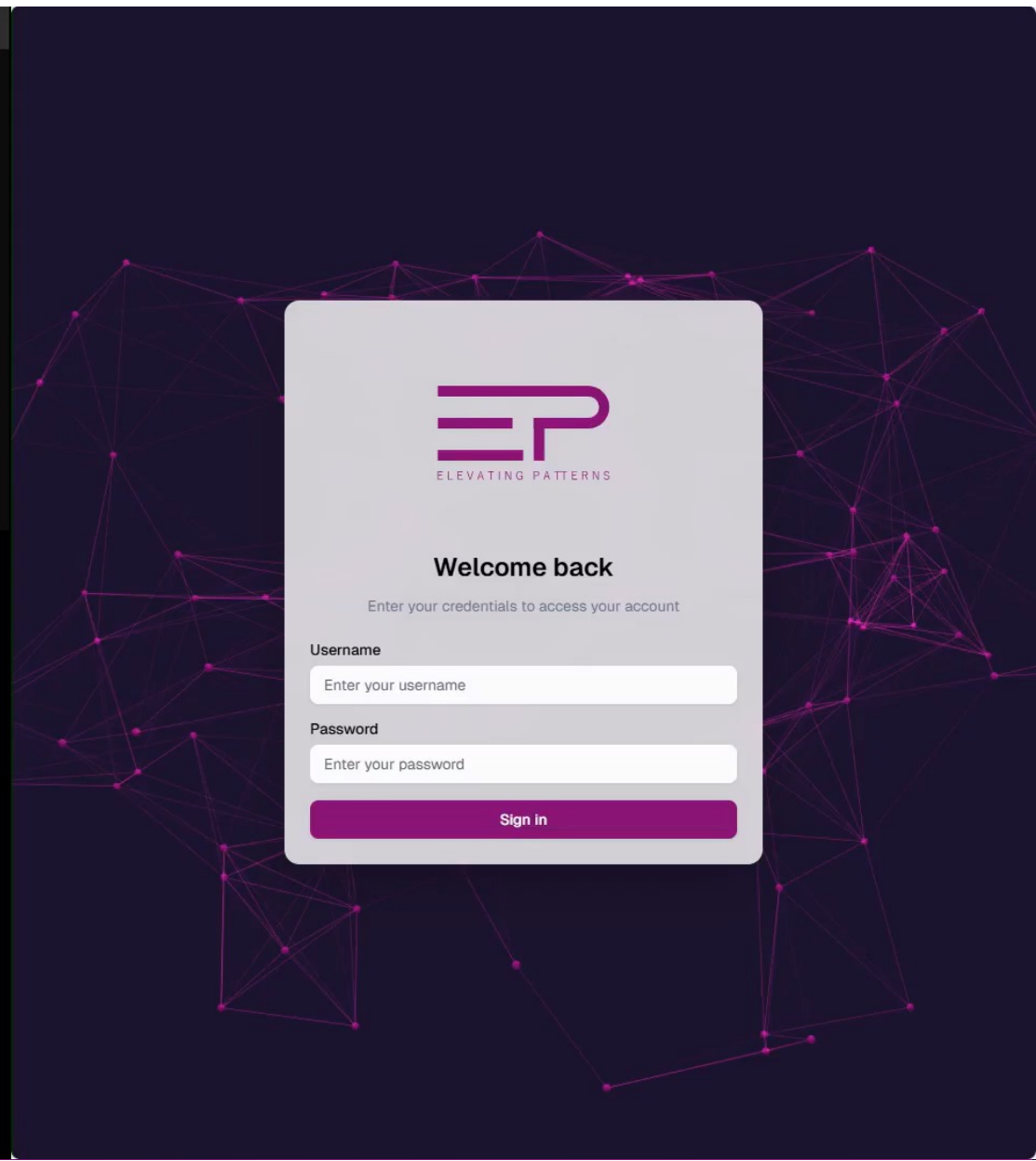


Claude Code v2.1.72
Sonnet 4.6 · Claude Pro
/mnt/d/Projects/EP.Core

* Voice mode is now available · /voice to enable

> █

? for shortcuts



Welcome back

Enter your credentials to access your account

Username

Password

AI powered data modeling

Hey Claude, can you do this?



Choose external system



Thinking...

{JSON}



Connector and Mapping is created

My EP

📁 My Tasks

Applications

🏠 Dashboard

📄 Documents

📦 Products >

📁 Project Management >

🏗 Architecture >

✓ V&V >

📅 Organizations >

🎯 Requirements

Administration

⚙️ Datamodel >

👤 Entity Types

🔗 Relationship Types

🏗 Property Types

🏗 Property Types (resued)

🔧 AI Data Modeler

↕ Import / Export

📖 Catalogues

📚 Ontology >

👤 Behaviors >

🖥 UI >

⚙️ Config Management >

📦 Packages

🔗 Integrations >

📄 Import Mapper

🌐 Translation Services

📄 Databases

👤 Users



Mapping Name

REST Path

Actions



Upload Pattern

📄 Datei auswählen

Keine ausgewählt



Target Entity Type



Import Data

📄 Datei auswählen

Keine ausgewählt

Source Fields

- 📄 name
- 📄 email
- 📄 phone

Transformation

Target Fields

- 📄 fullName (required)
- 📄 emailAddress
- 📄 contactNumber

Mapping Output

```
{
  "mappingName": "",
  "mapping": {},
  "transformations": {},
  "splitMappings": {}
}
```

Let's keep in touch...
Thank You

The AntiPattern Podcast



Contact Data

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