



Build Products Faster With Accurate Data

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Oleg Shilovitsky CEO, co-founder



Aerospace



Machinery and  
Complex Equipment



Furniture and CPG



Medical  
Equipment, High-tech &  
Electronic



Automotive



Medical Devices


# Who is Oleg Shilovitsky?



**Oleg Shilovitsky**  
CEO, co-founder

20+ years of working for large software vendors and startups in CAD, PDM, and PLM

Experience with enterprise industrial companies (e.g. Volvo, Boeing, Nokia) as well as with many SMEs

Started a professional blog - Beyond PLM,  which became the leading PLM blog online, published ~4000 articles for the last 15 years

**VOLVO**

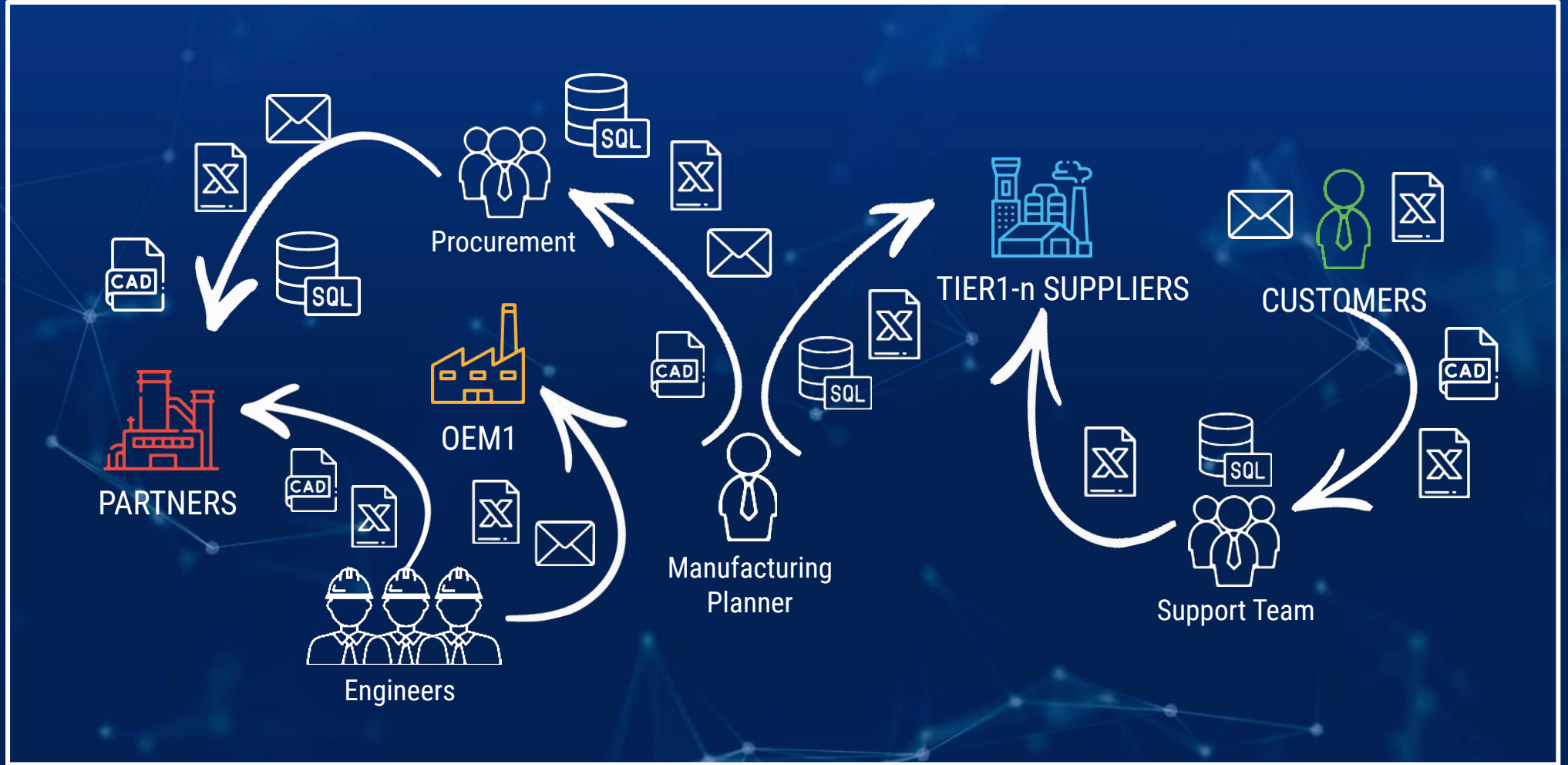
 **BOEING**

**NOKIA**

 **DASSAULT  
SYSTEMES**

 **AUTODESK**

# Manufacturing Maze: Data Complexity in Product Development

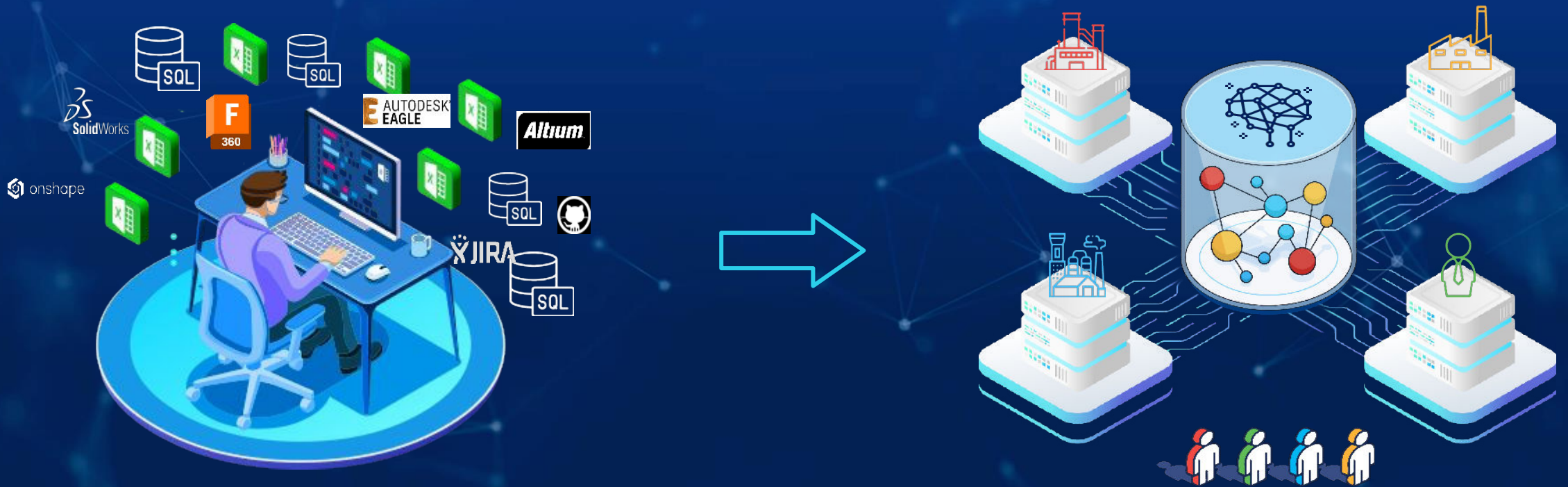


# After working with 1000s of manufacturing companies, here is what we learned:

- ✓ Companies need to organize product information
- ✓ Decision process is critical and requires accurate information
- ✓ Need to accelerate processes for new product development
- ✓ There is a need to mitigate supply chain and compliance risks
- ✓ Products live longer, requires maintenance and re-fabrication



# From data chaos to open graph model, collaboration & decision support



● Excel ● Legacy DBs ● CAD Export ● Emails

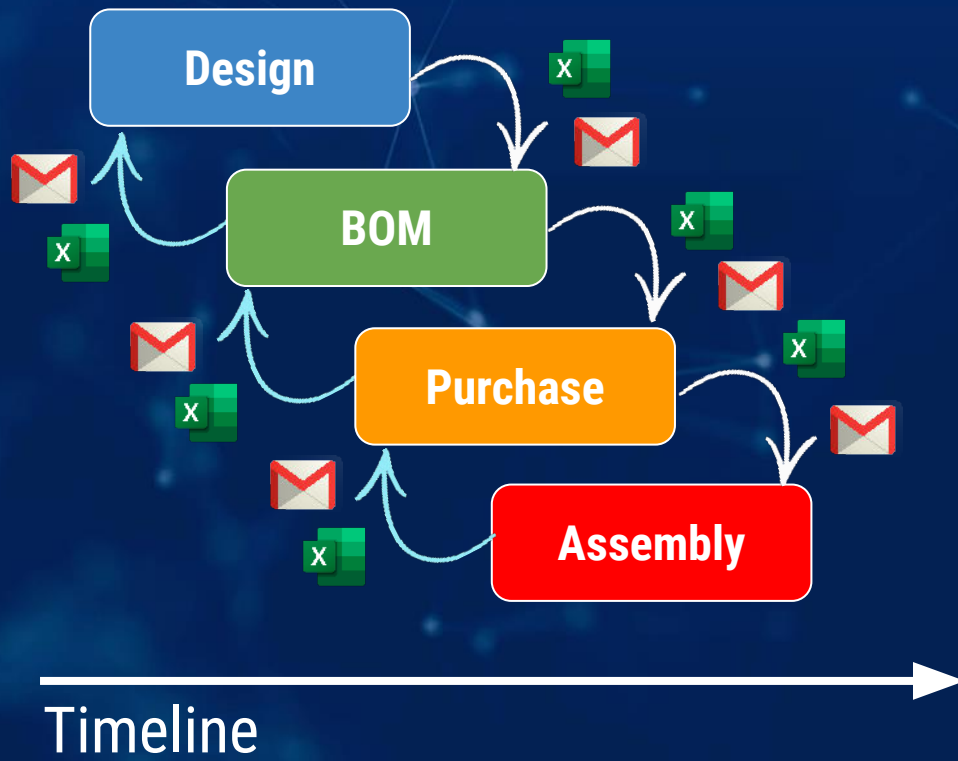
● Integrated ● NPD ● Change Management ● Costing ● Real-time share

OpenBOM™ Values:

1. Remove the pain of inefficient data management and integrations
2. Unmatched collaboration for manufacturing companies & supply chain
3. Decision support using graph data science and AI

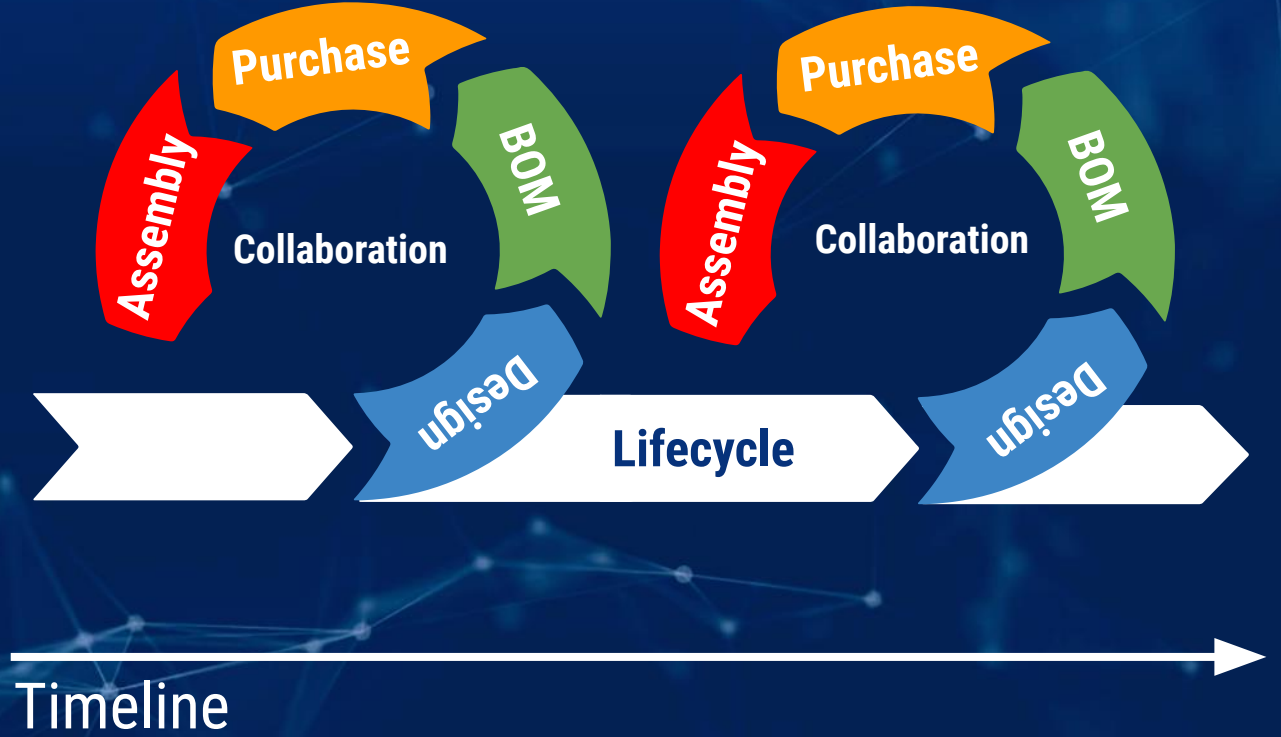
# Integrated Agile New Product Development Process

## Waterfall Process

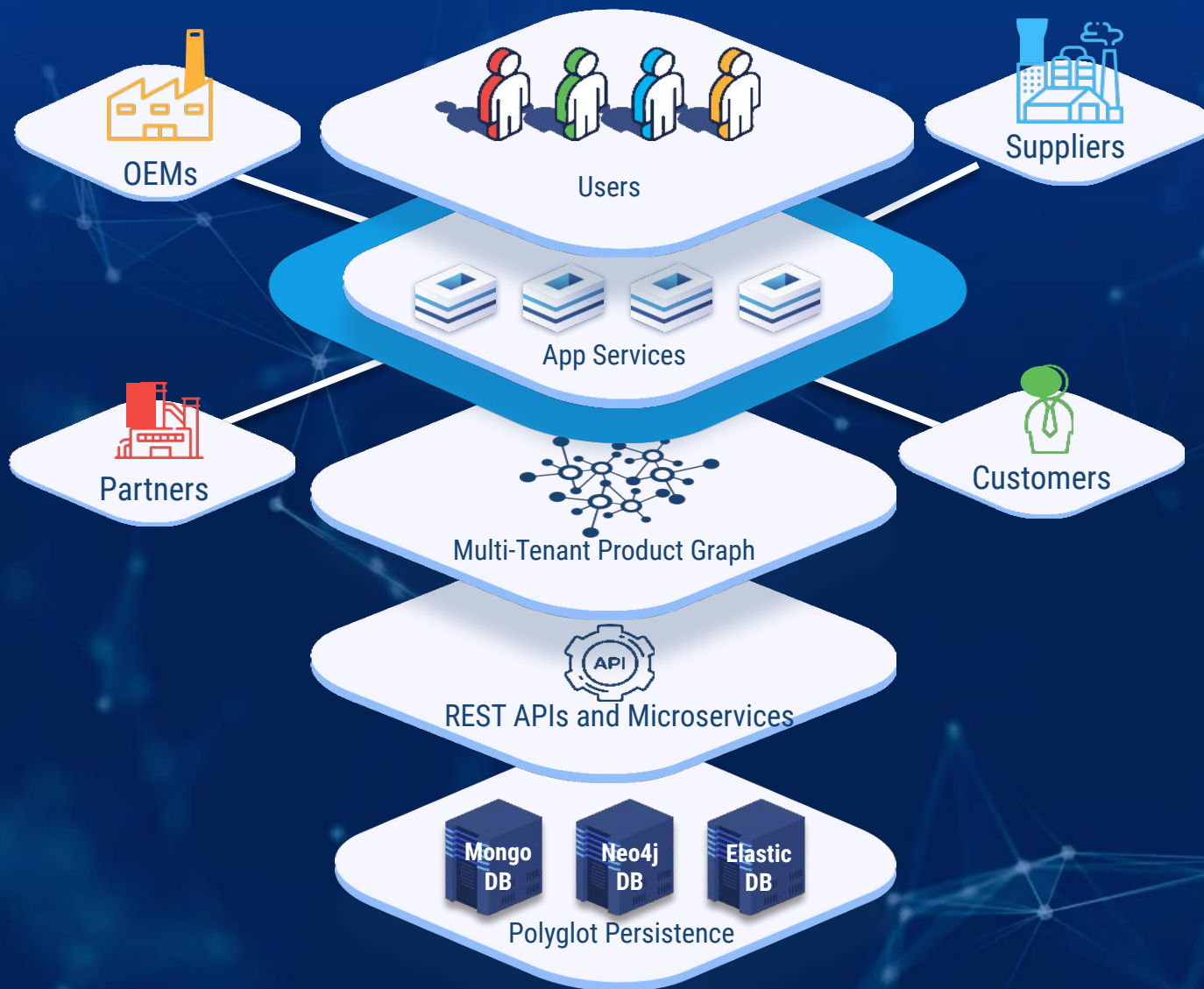


VS.

## Agile Process



# OpenBOM Platform Architecture & Technology Highlights



## Gartner

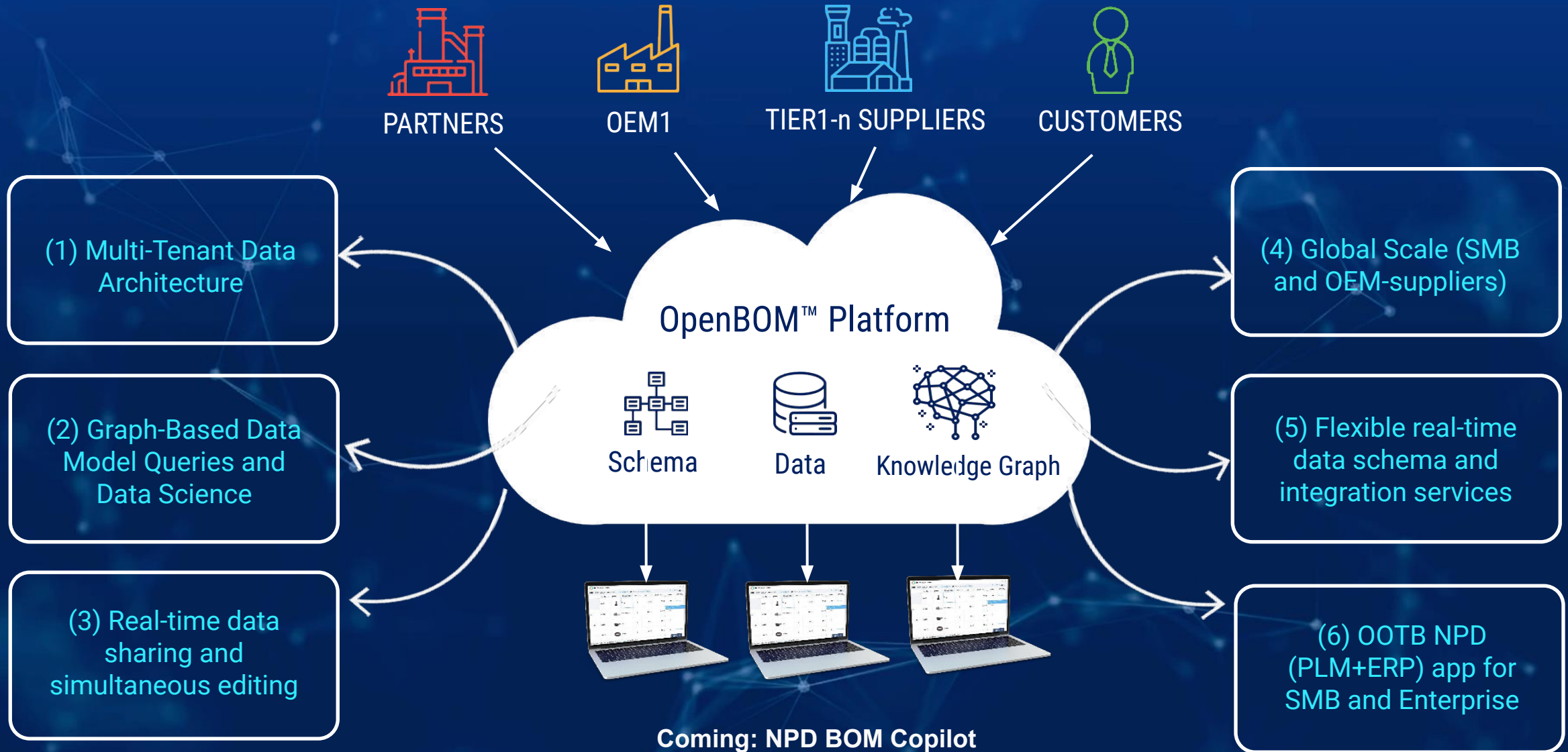
By 2025, graph technologies will be used in 80% of data and analytics innovations, up from 10% in 2021, facilitating rapid decision making across the organization

**80%**  
By 2025

- SaaS, public, private (AWS)
- Multi-tenant flexible data model
- Real-time collaboration (2 US Patents)
- Simultaneous Collaborative Editing
- Role-based instant data sharing
- Graph & Data Science support
- Generative AI / LLM support in research



# Key Differentiators Of OpenBOM Digital Thread Platform





# What Customers Say about openbom ?



80+

[Public user stories online](#)

390+

[#1 by the number of G2 reviews in PLM](#)



“it is right-sized for my company. Filling a niche that MRP systems are not. Other programs are too limited or too costly. OpenBOM offers a lot of benefits to a company in a certain range and at a great value.”

John E, President, Gates Underwater - [Read the story](#)



“Just as Onshape is a single source of truth for the CAD design, OpenBOM does the same for manufacturing production planning, purchasing, and inventory control. It is a perfect relationship.”

David Rubli, Senior Mechanical Engineer, Xtend Robotics [Read the story](#)



“From the multi-level product BOM, we create an Order in OpenBOM for our next batch of units. The Quantity Gap (the on-hand inventory) is calculated and the buyers know immediately what we need to buy to complete that order. OpenBOM vendor sources have been pre-defined for each item to smooth the way when supplier shortages are encountered.”

Jackie Wu, CEO - [Read the story](#)

# OpenBOM Implementation Strategy and Plan



## Spreadsheets are not free

[How OpenBOM Saves Money and Why Excel is Not Cost-Free](#)

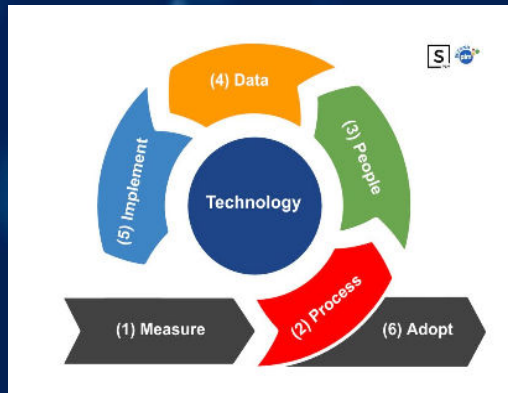
[When is the right time to implement PLM?](#)



## How to pitch OpenBOM to your organization

[5 Values of OpenBOM You Should Not Miss When Pitching OpenBOM To Your Boss](#)

[What Every SOLIDWORKS User Must Try To Do With OpenBOM](#)



## How to implement OpenBOM using people-first approach

[Helping Organizations Adopt PLM Software: A People-First Approach](#)

[How OpenBOM helps to streamline engineering and procurement Functions](#)

[OpenBOM - Getting Started Help](#)



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