ENGINEERING
MURDER MYSTERY

Bill O’Materials

World-renowned Product Data investigator

The Jury

(You)

Product **L**ifecyle **M**urder

The Suspects

Engineering
Procurement
Project Management
Manufacturing
Enterprise IT

The Autopsy

Suspect 1: Angie Neering

Engineering

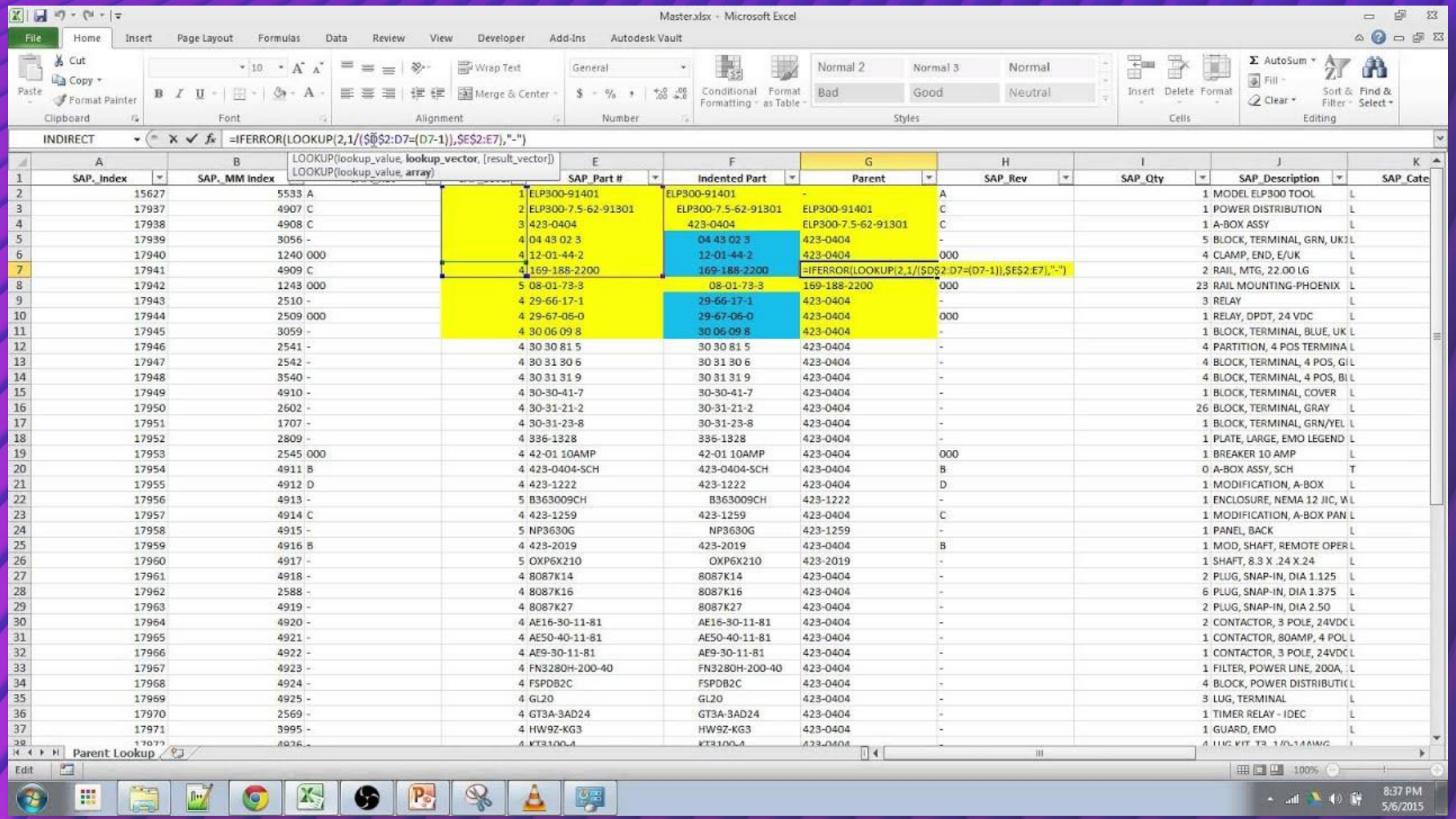


Exhibit A: Offline Excel BoM

Suspect 2: Per Chasing

Procurement

Exhibit B: Supplier email

Suspect 3: Manny Facturing

Manufacturing

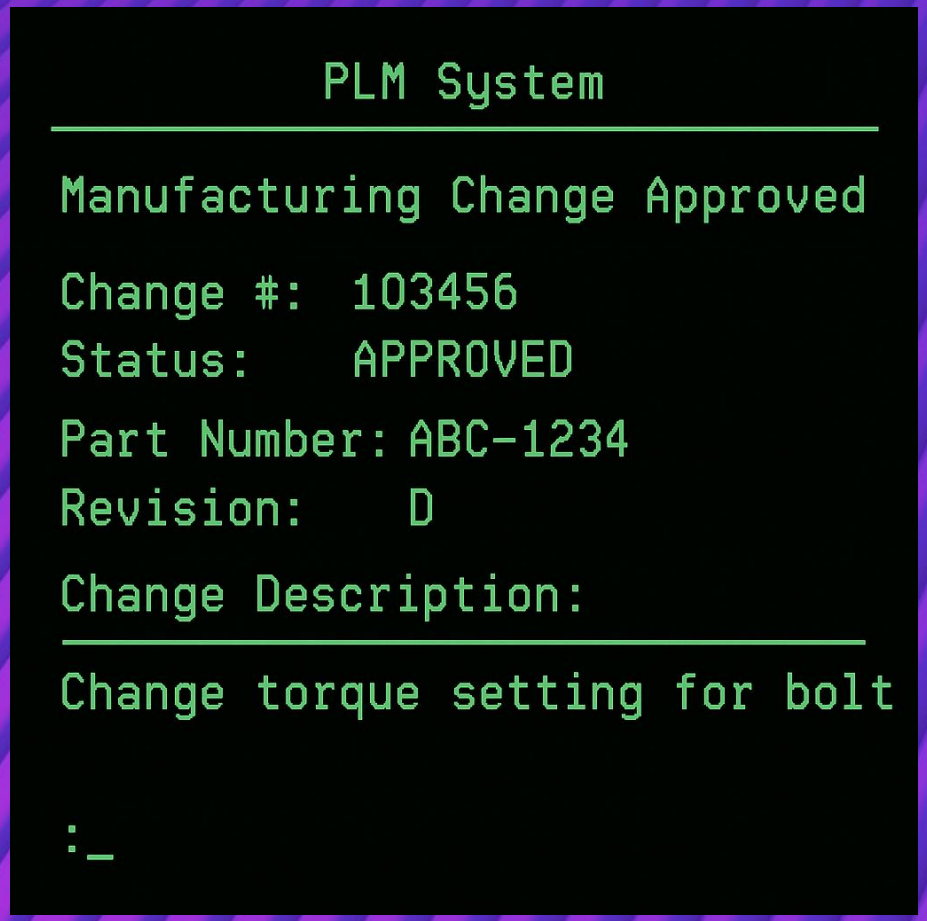
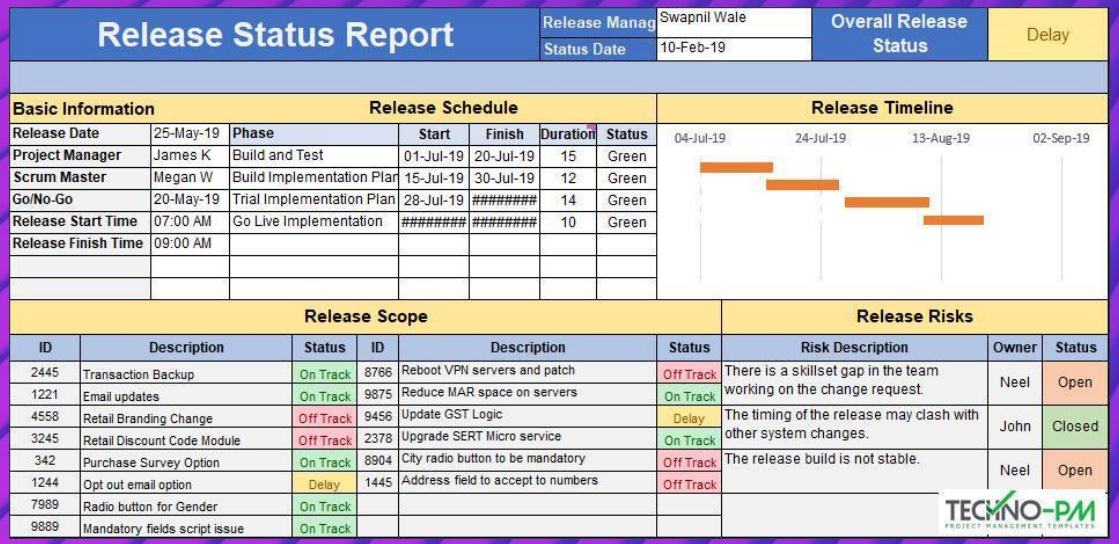


Exhibit C: System approval

Suspect 4: Gantt Chartman

Project Management



Release Status Report

Release Manag	Swapnil Wale	Overall Release Status	Delay
Status Date	10-Feb-19		

Basic Information

Release Date	25-May-19
Project Manager	James K
Scrum Master	Megan W
Go/No-Go	20-May-19
Release Start Time	07:00 AM
Release Finish Time	09:00 AM

Release Schedule

Phase	Start	Finish	Duration	Status
Build and Test	01-Jul-19	20-Jul-19	15	Green
Build Implementation Plan	15-Jul-19	30-Jul-19	12	Green
Trial Implementation Plan	28-Jul-19	########	14	Green
Go Live Implementation	########	########	10	Green

Release Timeline

Release Scope

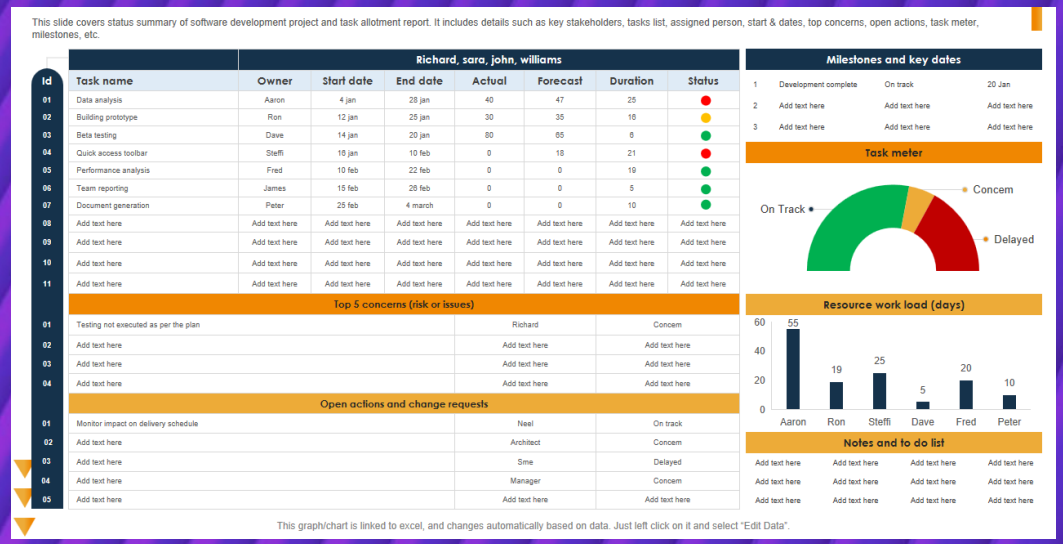
ID	Description	Status	ID	Description	Status
2445	Transaction Backup	On Track	8766	Reboot VPN servers and patch	Off Track
1221	Email updates	On Track	9875	Reduce MAR space on servers	On Track
4558	Retail Branding Change	Off Track	9456	Update GST Logic	Delay
3245	Retail Discount Code Module	Off Track	2378	Upgrade SERT Micro service	On Track
342	Purchase Survey Option	On Track	8904	City radio button to be mandatory	Off Track
1244	Opt out email option	Delay	1445	Address field to accept to numbers	Off Track
7989	Radio button for Gender	On Track			
9889	Mandatory fields script issue	On Track			

Release Risks

Risk Description	Owner	Status
There is a skillset gap in the team working on the change request.	Neel	Open
The timing of the release may clash with other system changes.	John	Closed
The release build is not stable.	Neel	Open

TECHNO-PM PROJECT MANAGEMENT TEMPLATES

(i)



This slide covers status summary of software development project and task allotment report. It includes details such as key stakeholders, tasks list, assigned person, start & dates, top concerns, open actions, task meter, milestones, etc.

Richard, sara, john, williams

Id	Task name	Owner	Start date	End date	Actual	Forecast	Duration	Status
01	Data analysis	Aaron	4 jan	28 jan	40	47	25	
02	Building prototype	Ron	12 jan	25 jan	30	35	16	
03	Beta testing	Dave	14 jan	20 jan	80	65	6	
04	Quick access toolbar	Steffi	10 jan	10 feb	0	18	21	
05	Performance analysis	Fred	10 feb	22 feb	0	0	19	
06	Team reporting	James	15 feb	28 feb	0	0	5	
07	Document generation	Peter	25 feb	4 march	0	0	10	
08	Add text here	Add text here	Add text here	Add text here	Add text here	Add text here	Add text here	Add text here
09	Add text here	Add text here	Add text here	Add text here	Add text here	Add text here	Add text here	Add text here
10	Add text here	Add text here	Add text here	Add text here	Add text here	Add text here	Add text here	Add text here
11	Add text here	Add text here	Add text here	Add text here	Add text here	Add text here	Add text here	Add text here

Top 5 concerns (risk or issues)

01	Testing not executed as per the plan	Richard	Concern
02	Add text here	Add text here	Add text here
03	Add text here	Add text here	Add text here
04	Add text here	Add text here	Add text here

Open actions and change requests

01	Monitor impact on delivery schedule	Neel	On track
02	Add text here	Architect	Concern
03	Add text here	Sme	Delayed
04	Add text here	Manager	Concern
05	Add text here	Add text here	Add text here

Milestones and key dates

1	Development complete	On track	20 Jan
2	Add text here	Add text here	Add text here
3	Add text here	Add text here	Add text here

Task meter

Resource work load (days)

Notes and to do list

Add text here

This graph/chart is linked to excel, and changes automatically based on data. Just left click on it and select "Edit Data".

(ii)

Exhibit D: Status reports

Suspect 5: Archie Tect

Enterprise IT

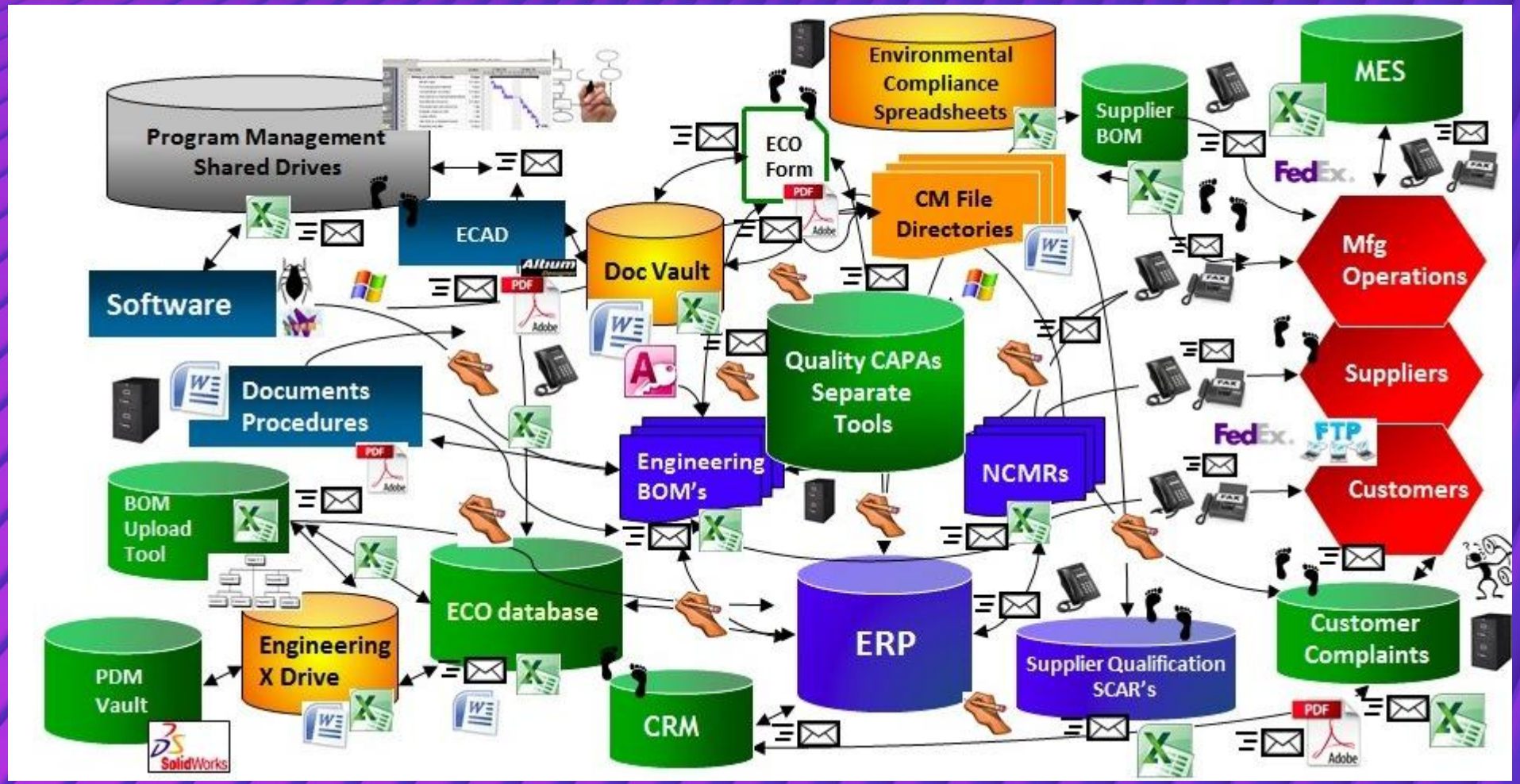


Exhibit E: System architecture

The Verdict

Guilty or Not Guilty?

Suspect 1: Angie Neering

Engineering

Guilty or Not Guilty?

Suspect 2: Per Chasing

Procurement

Guilty or Not Guilty?

Suspect 3: Manny Facturing

Manufacturing

Guilty or Not Guilty?

Suspect 4: Gantt Chartman

Project Management

Guilty or Not Guilty?

Suspect 5: Archie Tect

Enterprise IT

Guilty or Not Guilty?

Who was the killer?

The team that never existed

Technology

+

Users

Technology

+

Users

+

Product data people

Product data people

Dedicated

Cross functional & connected

Qualified

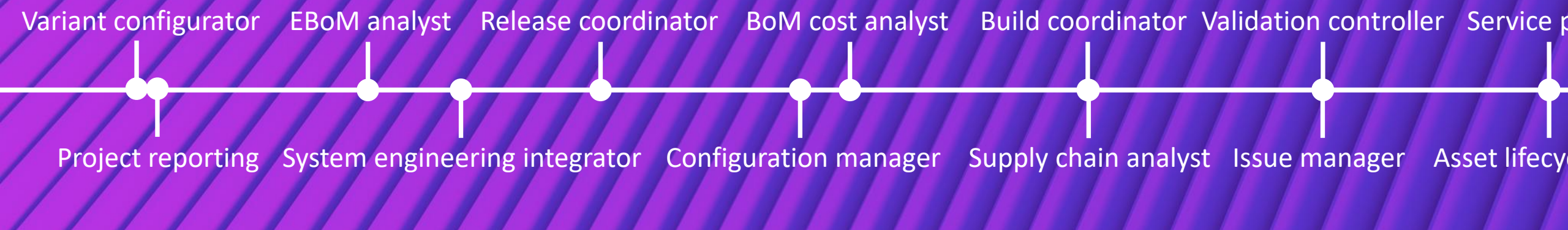
Plumbers not policing

Bridge strategy and execution

Value stream drivers

Build capability & culture

Product data topic ownership



Paying for product data people

Part of the total cost of PLM

Not an additional layer

Embedded part of delivery engine

Transfer of responsibilities

Empowering not pampering

More Engineering capacity

Better cost, quality, time, data

Unlock PLM value

Product data people example

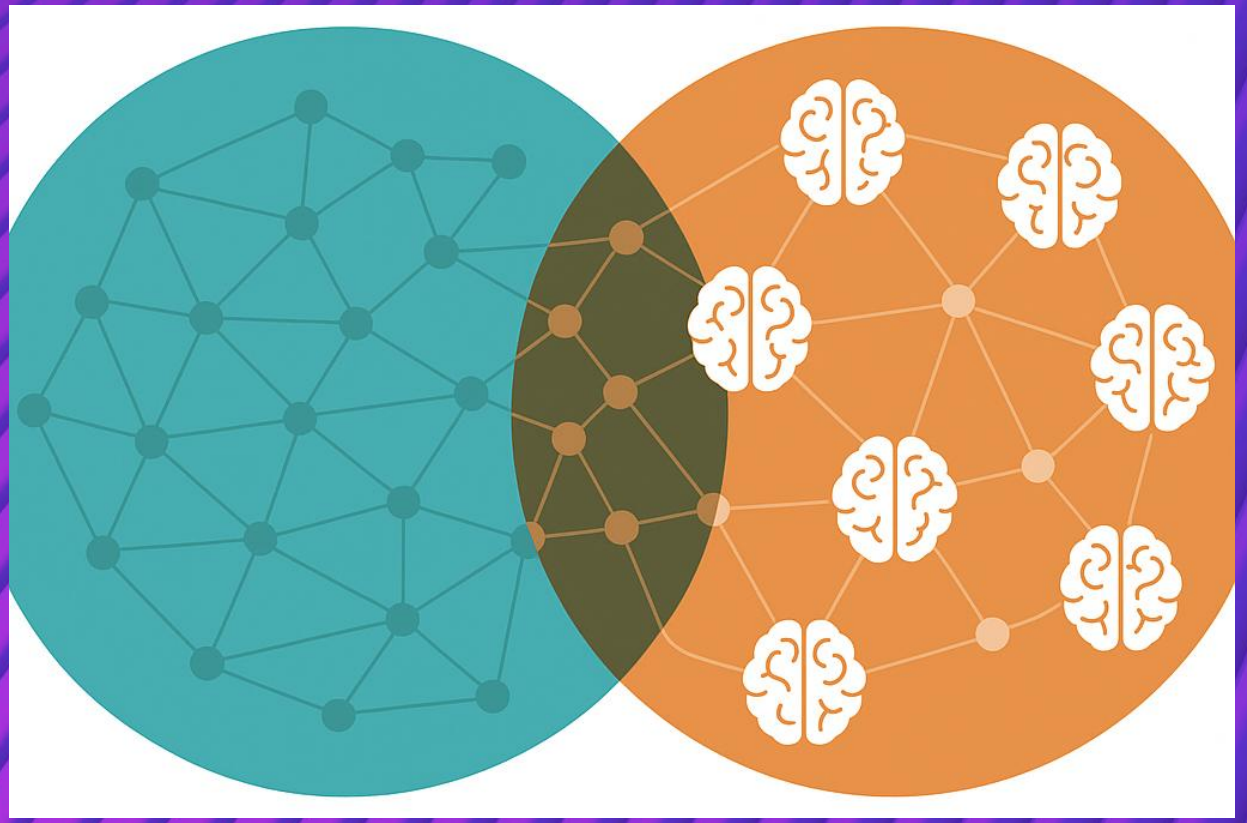
Large OEM feeling pain 🤯 😡

Engineers wasting time ⏳🗑️

Centralised Engineering Services team 💡

- Aligned processes > Optimised > Automated 🤖
- Coordinated with upstream and downstream data producers and consumers 🤝
- Liaised with engineering systems and business process teams 🗺️
- Autonomously adapted the service to meet changes in business need 🔀

- Not only cost effective but delivered 20M$+ in quality savings 💸
- Loved by everyone! 💘
- Delivered the PLM vision ✅



Complimentary product data knowledge graph

Companies discovering paradigm shift

1. People make PLM work

1. People make PLM work

2. Who are your product data people? Across the full lifecycle!

1. People make PLM work

2. Who are your product data people?
Across the full lifecycle!

3. How will you activate:
People Powered PLM?

Thank you

(Loud applause)