

Roundtable Discussion

Digital Intersect – 11/17/22

Roundtable Discussion

Agenda

Time	Topic
0:03	Introduction and Key Outcomes
0:02	Setting the Table
0:20	Migration/Integration Experience <ul style="list-style-type: none">• Incremental vs Big Bang• Multi-System Existence• Legacy Data
0:15	Benefits of Homogenous Data <ul style="list-style-type: none">• Speed of Information• Cost Optimization• Specialist Insights
0:15	Collaborating with Partners <ul style="list-style-type: none">• Data formats and standards• Protecting IP and revision history
0:05	Summary/Conclusion

Introduction and Key Outcomes

Risks of Postponing Digital Integration/Transformation

Roundtable Participation

- This is not a lecture or presentation!
- Interactive discussion amongst attendees
- Shared participation – equal weight to opinions
- Honest and candid feedback of things gone right as well as things gone wrong; for the benefit of helping others
- We all have something to learn; we all have something to teach

Key Outcomes

- Framework and best practices for digital transformation
- Roadmap to ensure success with your digital transformation
- Tangible benefits of homogenous data
- How to enable better collaboration throughout vendor-neutral platforms

Setting The Table

Why are we talking about digital transformation now?

Trends

- 70% of companies have a 'digital transformation strategy' in place or in development
- 45% of Suppliers believe they are ahead of industry pace of innovation / 18% believe they are behind*
- Partnership among OEMs rose 198% in previous 5 years. Expected 5% growth for next year*
- C.A.S.E. trend represents disruption in traditional planning and collaboration cycles
 - Changing requirements from OEMs
 - ADAS/ADS add application lifecycle complexity
 - Increased regulation/traceability requirements

Challenges

- Supply Chain shortages/volatility*
- Cost pressures/Premium Freight
- Labor shortage – White/Blue Collar*
- Skills gap
- High capital expense for new technology (BEV)
- Sustainability requirements

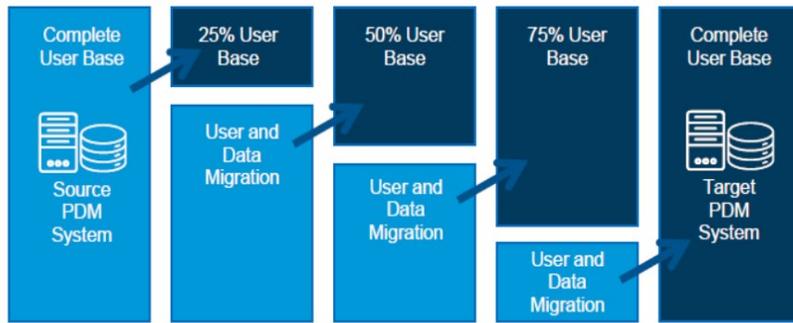
Opportunities

- Business process optimization
- Cost reduction through automation
- Real-time information and AI analytics
- Time to Market through Collaboration efficiency

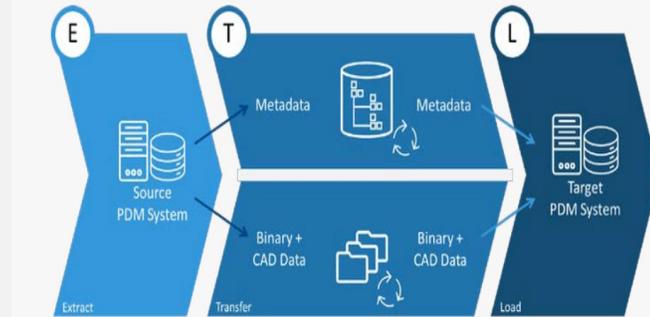
Migration/Integration

Defining the solution to support your goals

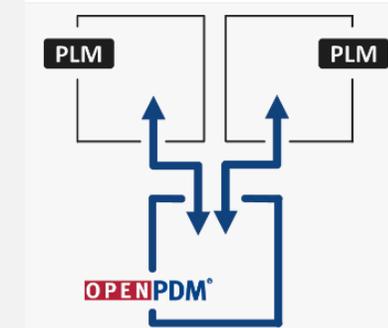
Incremental Data Migration



'Big Bang' Migration



Co-Existence



Pros: Gradual, Robust, Flexible, Training time

Cons: Additional effort, Lack of urgency, Multiple revisions, Potential Scope Creep

Pros: Faster, Sweeping Change

Cons: More testing required, cloned system, delta migration, skills and training ramp-up time

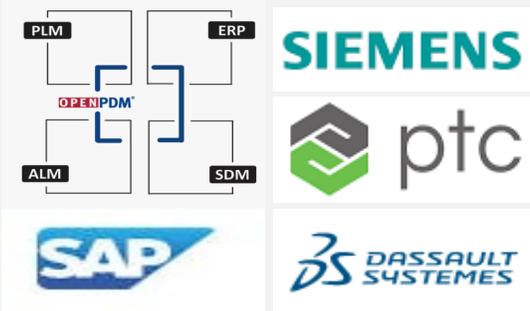
Pros: Staged Migration, Errors controlled, Low impact

Cons: Testing complicated, data cleanliness, low urgency

- Which solution did your organization choose and was it successful? Why/Why not?
- What drove the decision to make a change?
- Was your migration handled by internal or external resources?
- Who was the Champion of your migration initiative? Was it the correct person?

Migration/Integration

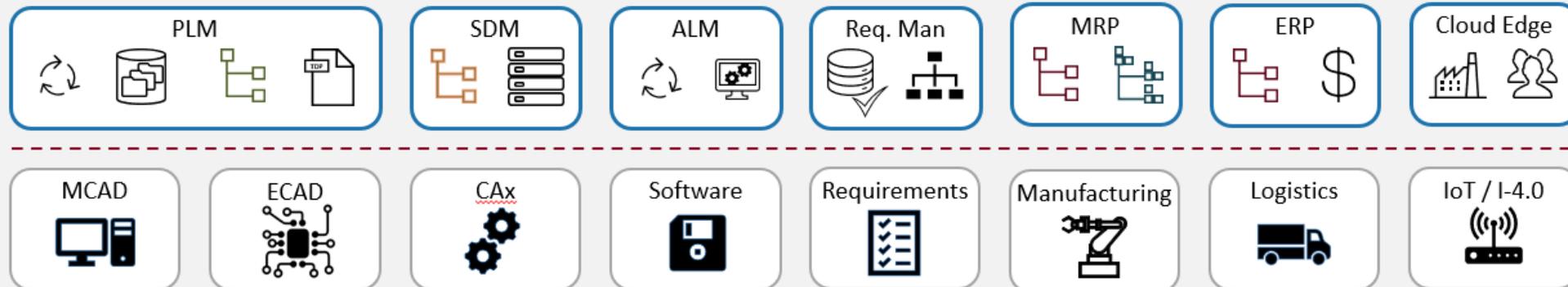
Defining the architecture to support your goals



Integration

- Interoperable data throughout enterprise
- Bi-directional updating and synchronization
- All teams have relevant information
- Cloud/On-Prem/Decentralized Solutions can be federated

...and many more!



-What considerations needed to 'future proof' your system?

-What is your strategy/requirement for legacy data?

-Unexpected complications?

-How were business processes impacted to align?

Benefits of Homogenous Data

Calculating the Business Case for Transformation

Speed of Information

- How was decision making impacted?
- What improvements were realized?
- How did the shopfloor benefit?

Cost Optimization

- What was the biggest cost benefit you experienced?
- Did you achieve the goals you set for ROI?

Specialist Insights

- Were you able to unearth otherwise unknown insights about your process/product?

Collaboration with Partners

Exchanging data in neutral formats

Customers/Suppliers

- **In what ways does the digital thread enable further insight to your value stream?**
- **How do you interoperate between disparate systems?**
- **How are changes tracked and traced for regulations transparency?**

Partners

- **How is your information exchange managed?**
- **How is your intellectual property secured?**
- **What complications did you encounter with exchanging data between different systems?**
- **What gaps in access or useability were identified?**

Summary/Conclusion

Recapping key outcomes

- Key Highlights
- Closing Comments

THANK YOU FOR YOUR PARTICIPATION!