

Secure PLM Findability

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GLOBAL PRODUCT DATA INTEROPERABILITY **S U M M I T** 2014



ELYSIUM

Parker

NORTHROP GRUMMAN

BOEING

Everyday life in Engineering

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“Knowledge workers spend **38% of their time searching for information.”**

(McDermott, 2005)

“Up to **80% of the work done in an engineering department is identical or very similar to work done previously.”**

(From research by Arthur D. Little)

“The average cost of adding a part into a system is estimated at **\$27,500.”**

(LMI study for the US Defense Logistic Agency – April 2012)

Agenda

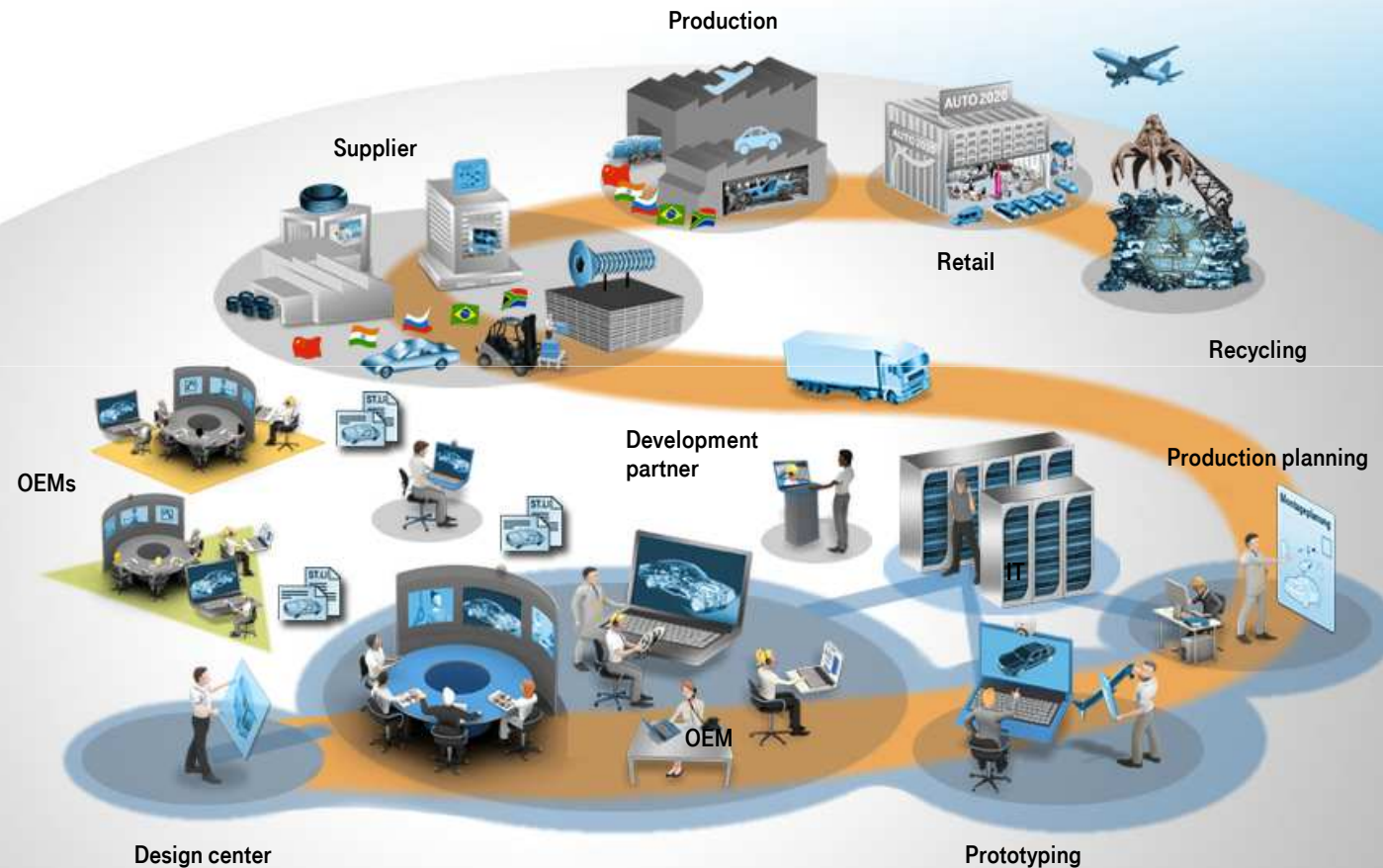
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- **Product Lifecycle Management**
- **Enterprise PLM Ecosystems**
- **Enterprise Collaboration Ecosystems**
- **Challenge**
- **Solution**
- **Conclusion**

Product Lifecycle Management (PLM)

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What is PLM?



Enterprise PLM Ecosystems

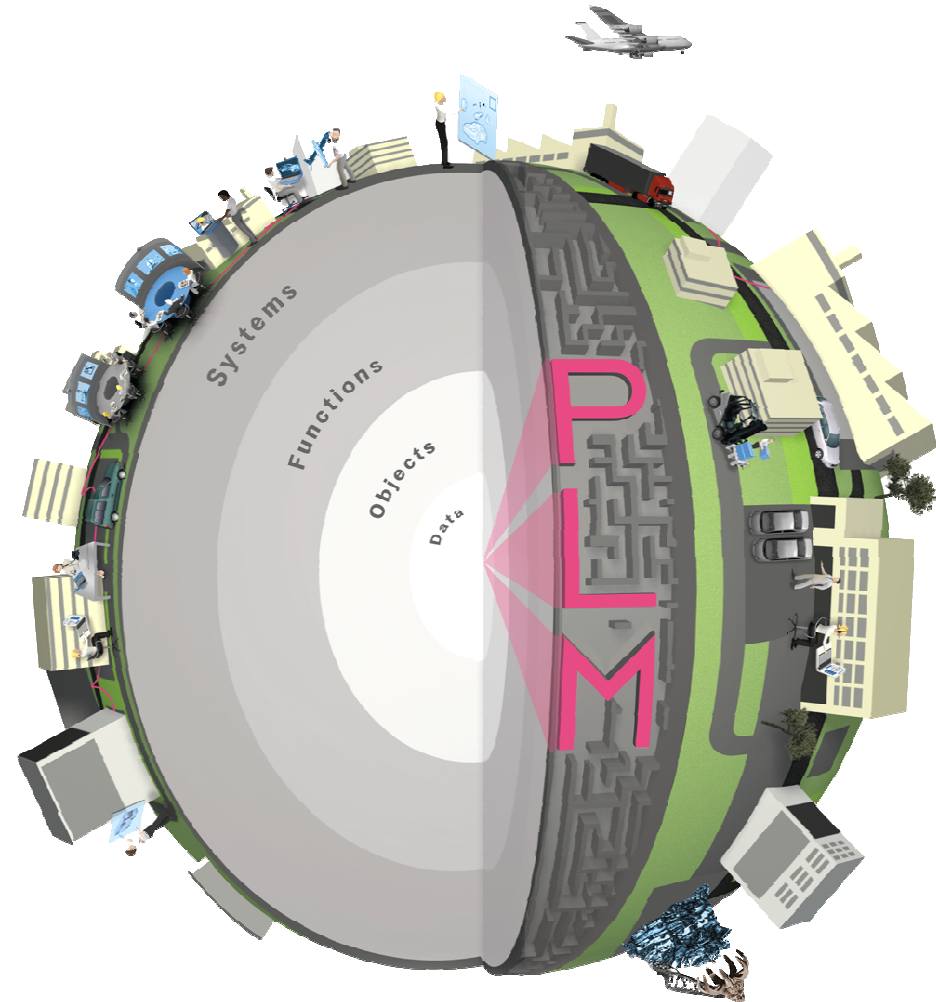
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Highly complex system

Extensive requirements for management and coordination

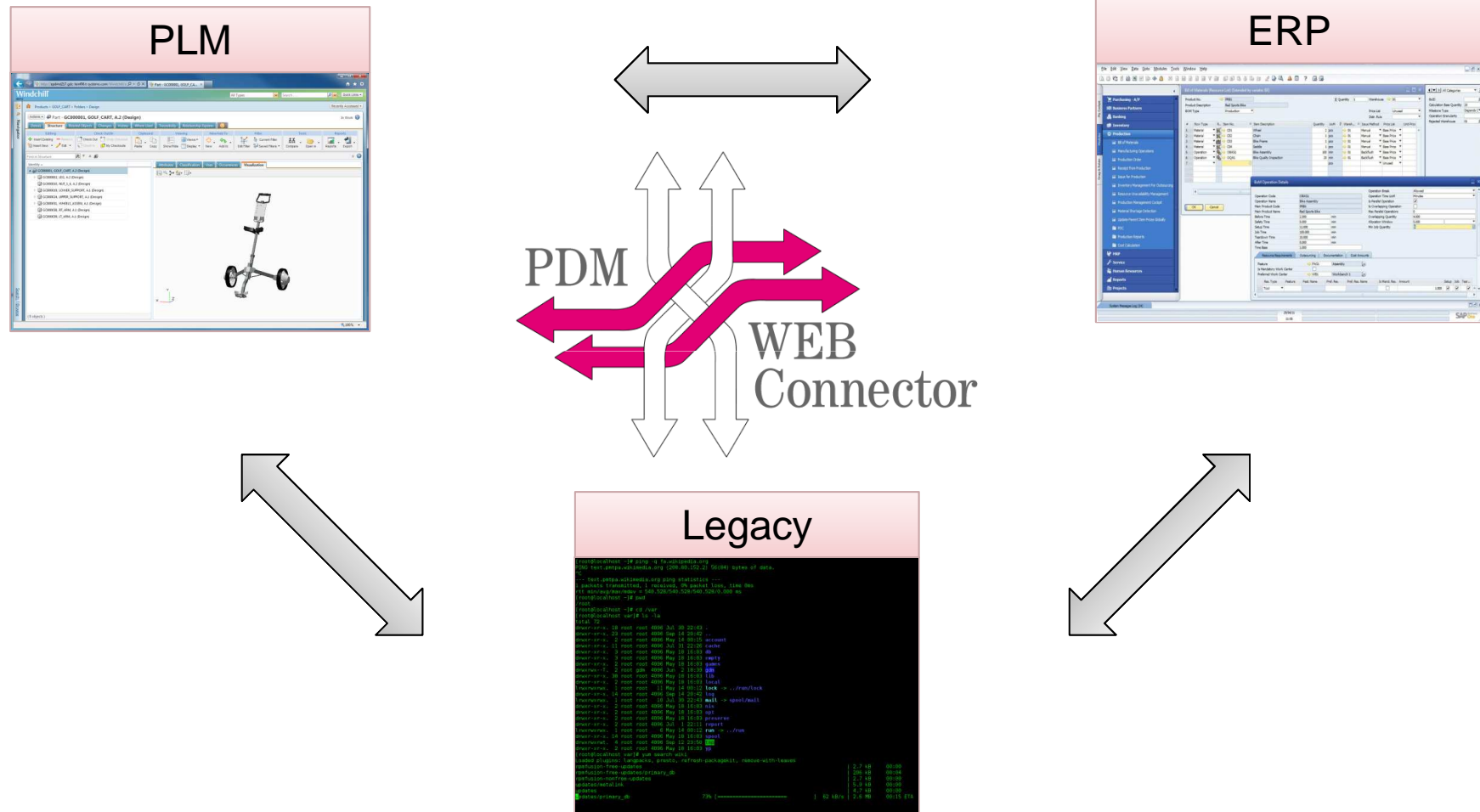
Consideration of guidelines by major players in each ecosystem

Need for ongoing process and IT integration on different levels



PLM Integration

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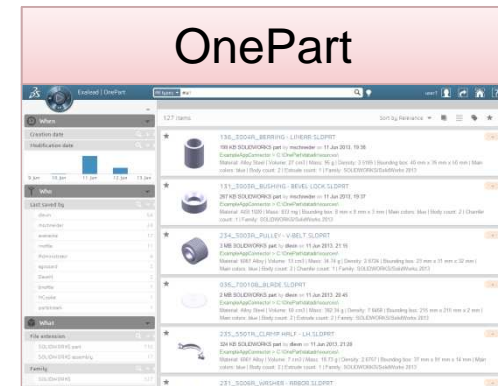
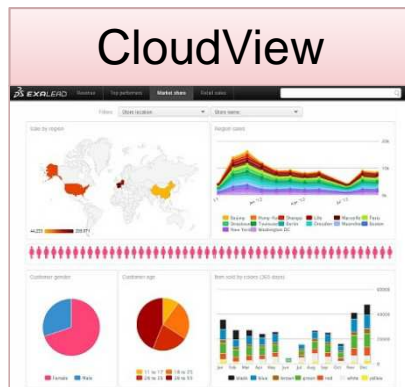
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Unstructured Communication (Mail, Phone, IM...)

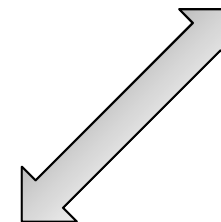
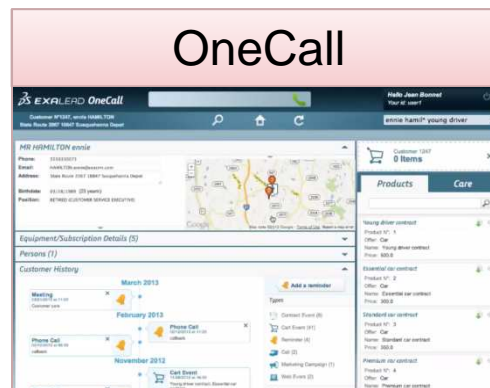
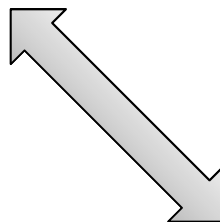


Collaboration Integration

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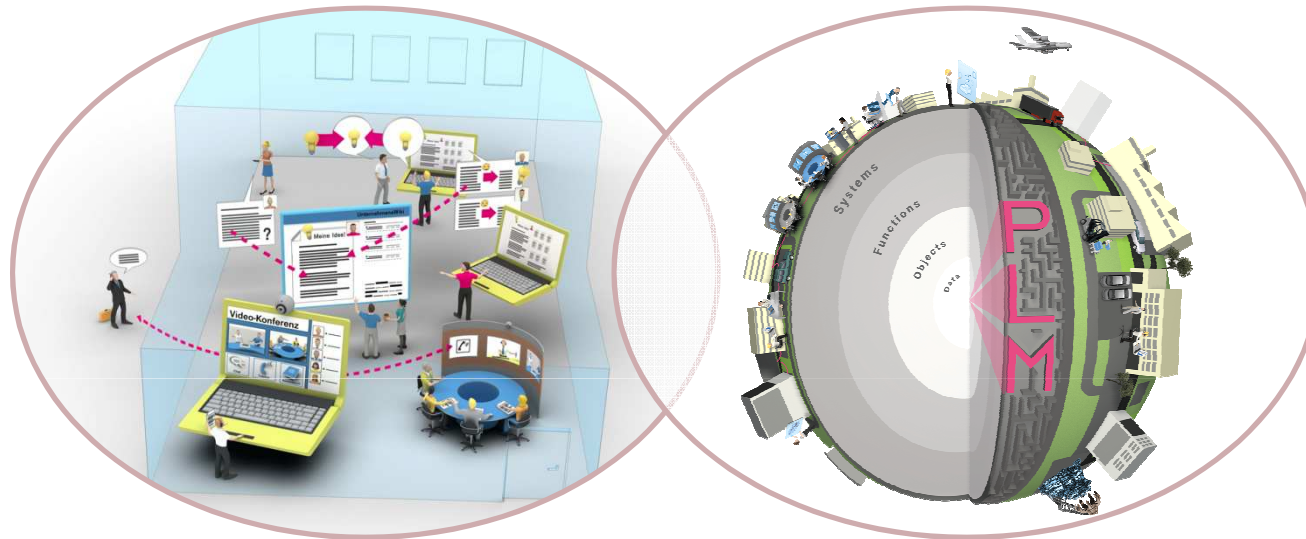


 **EXALEAD**



Challenge: Link both ecosystems

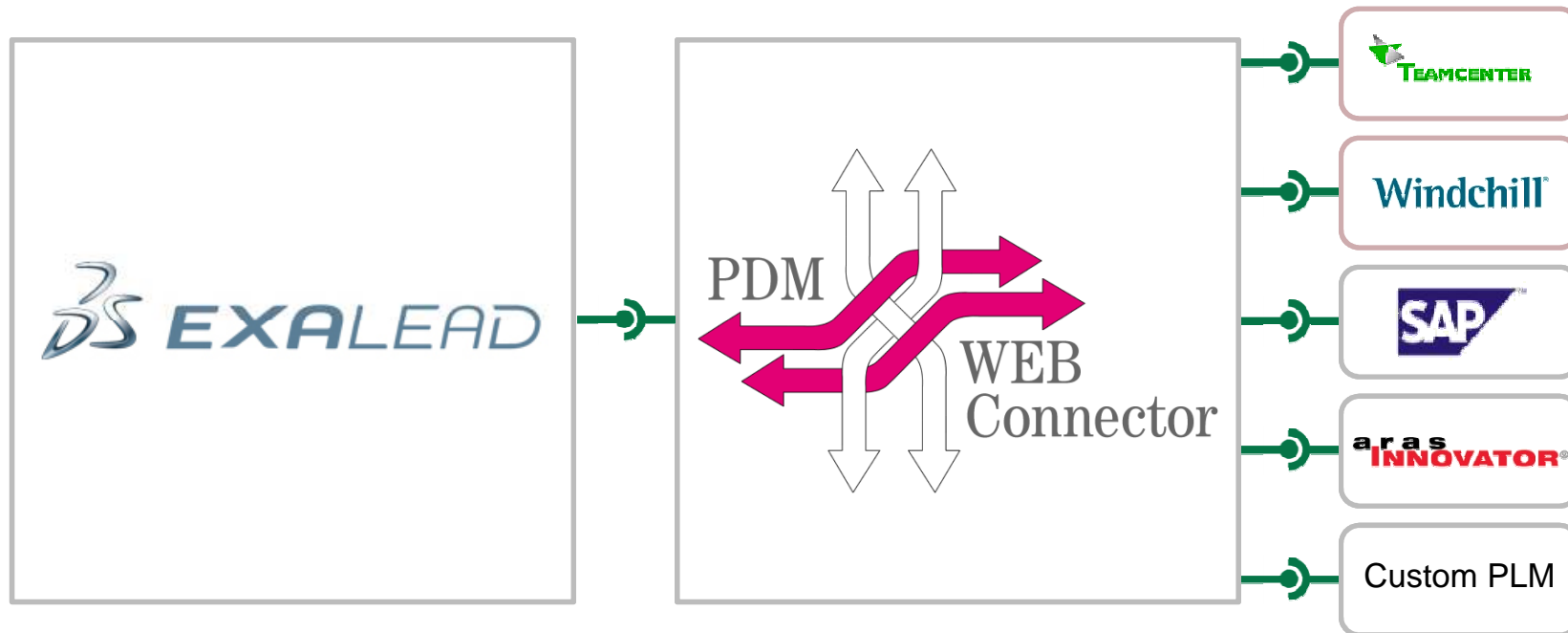
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- Handling of cross-engineering processes
- Seamless exchange of information within the collaboration ecosystem
- Cross-linking of Design, Engineering, Production and Service data
- Information lossless co-existence of multiple CAD/PLM systems in the enterprise
- Enterprise Security

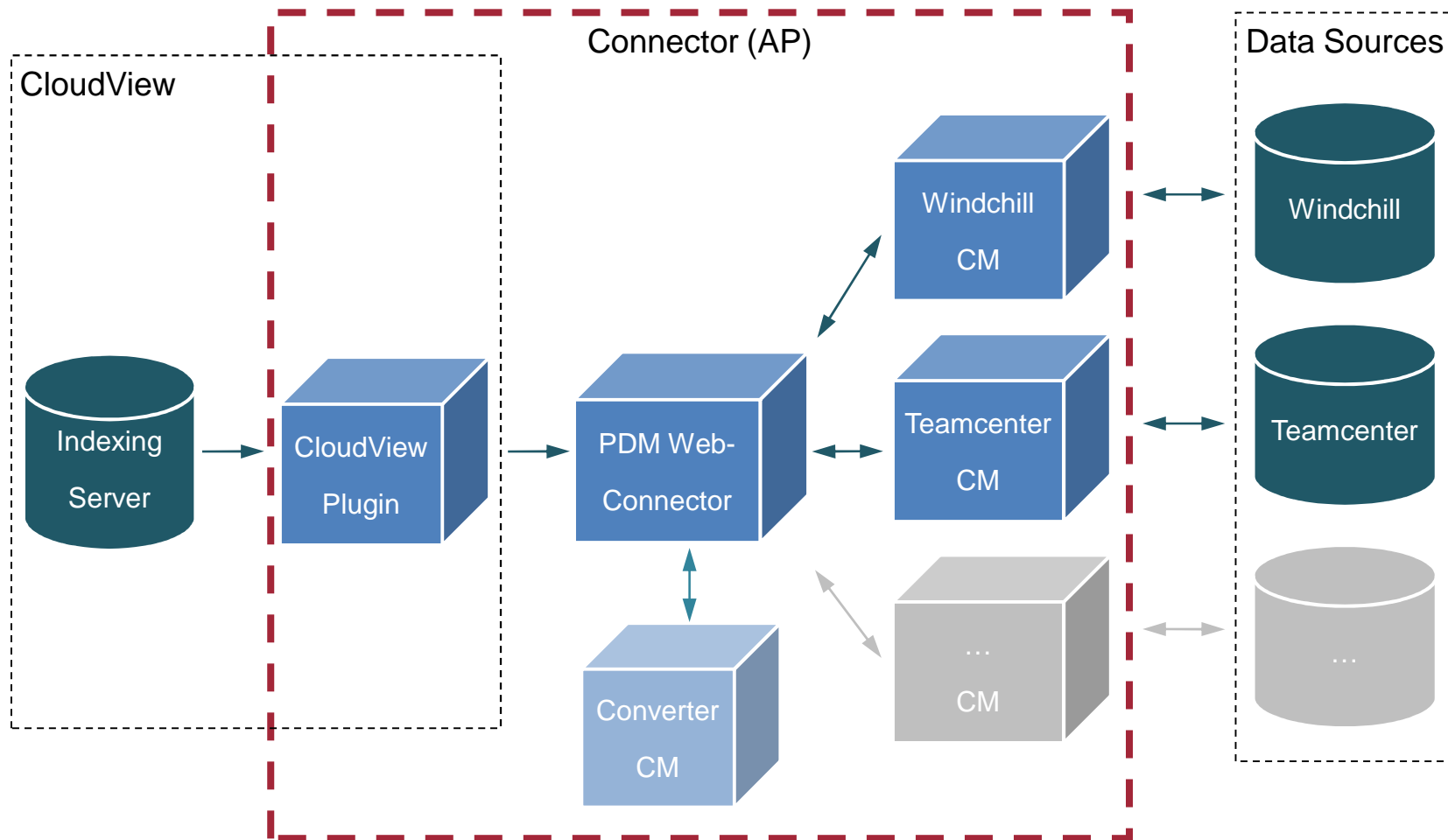
Solution: Big Picture

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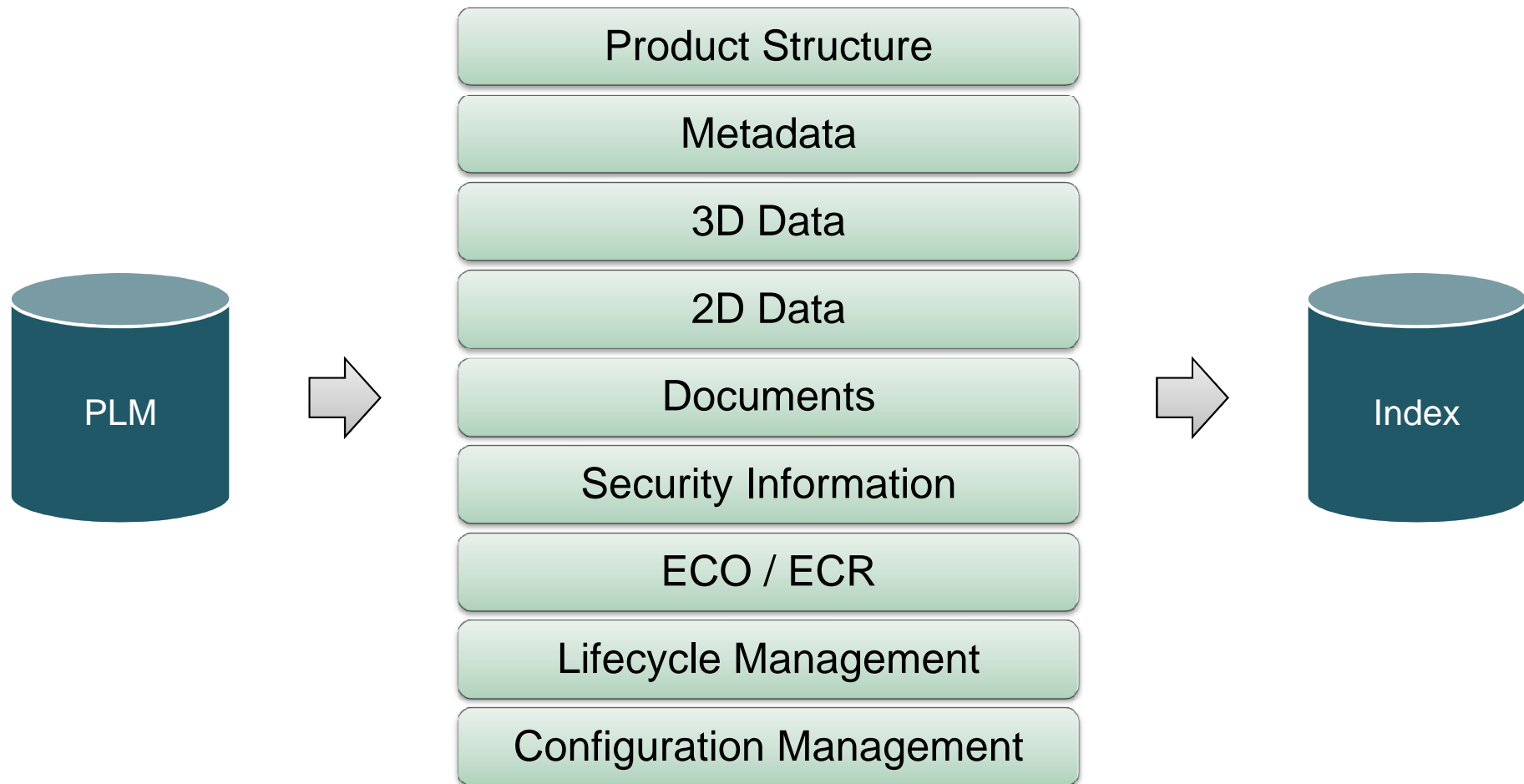
Solution: Architecture

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Solution: Content

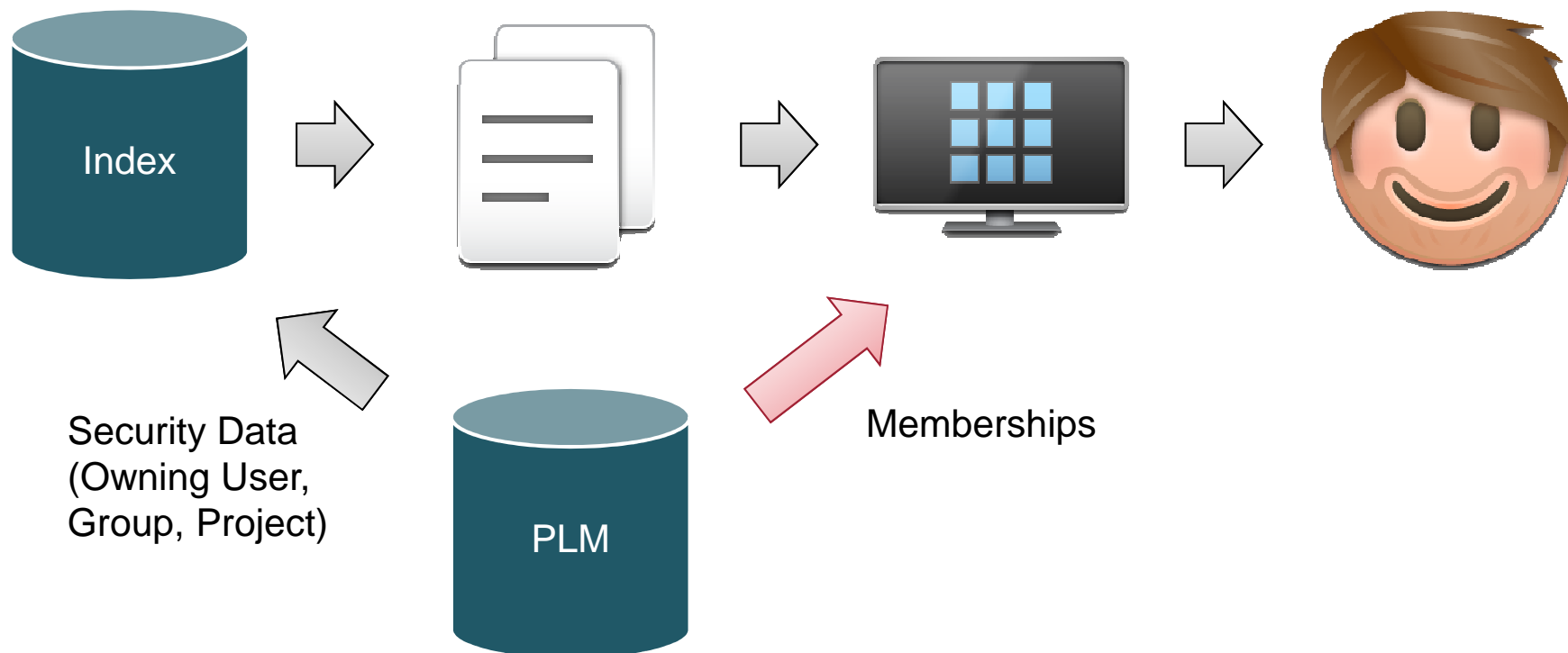
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Solution: Security

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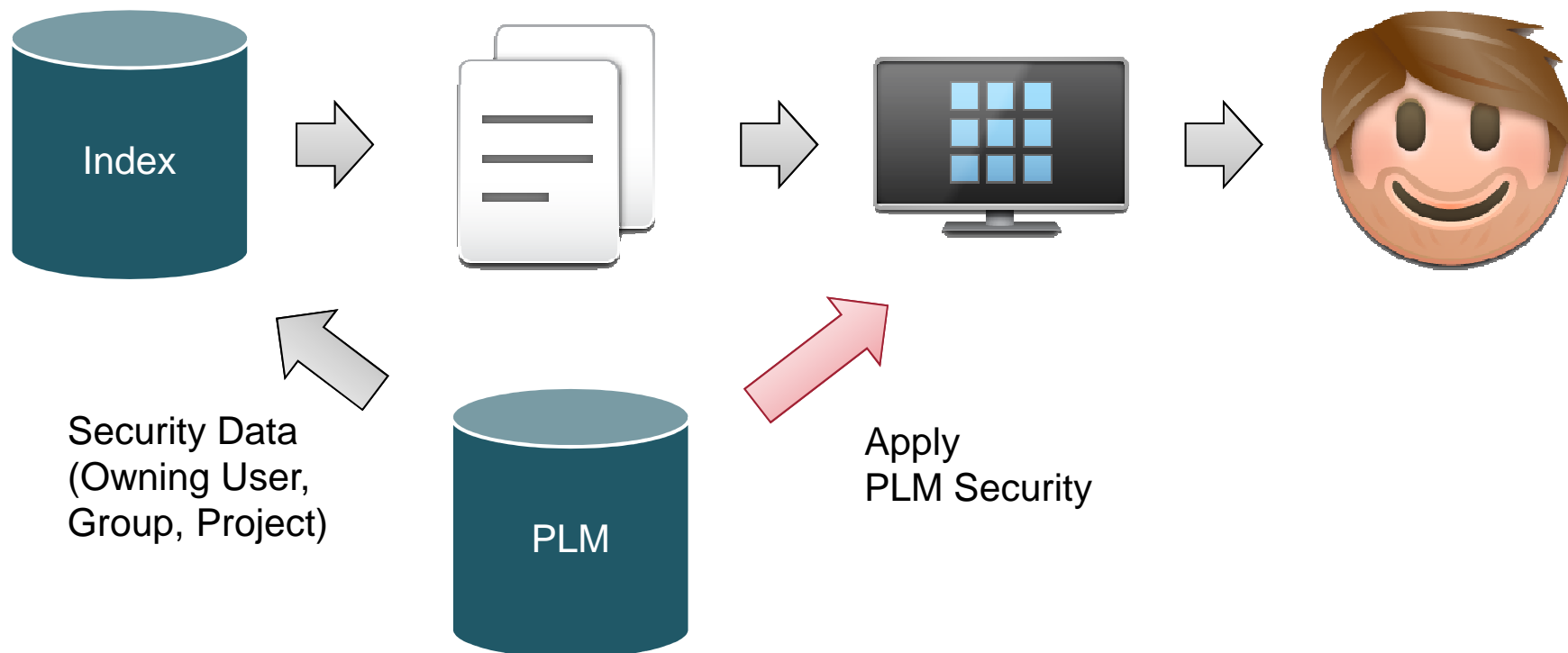
Early Binding Security



Solution: Security

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Late Binding Security



Solution: Demo

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Demo

Conclusion

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- Seamless integration of collaboration and PLM
- Effective solution for PDM data synchronization between one or multiple PDM systems and Exalead
- Enables the exchange of product structures, parts, documents, files and much more
- Easy-to-use and to configure
- Highly secure (data filtering, encryption, signature, access control, etc.)

More Information

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- Visit us at booth #16
- For more information contact:

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Thank you

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Thank you