

Next-generation Collaboration for Global Engineering Ecosystem

GeometricEDGE 
Enabling Data exchange for Global Engineering

*Presented by
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Geometric Ltd.*

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



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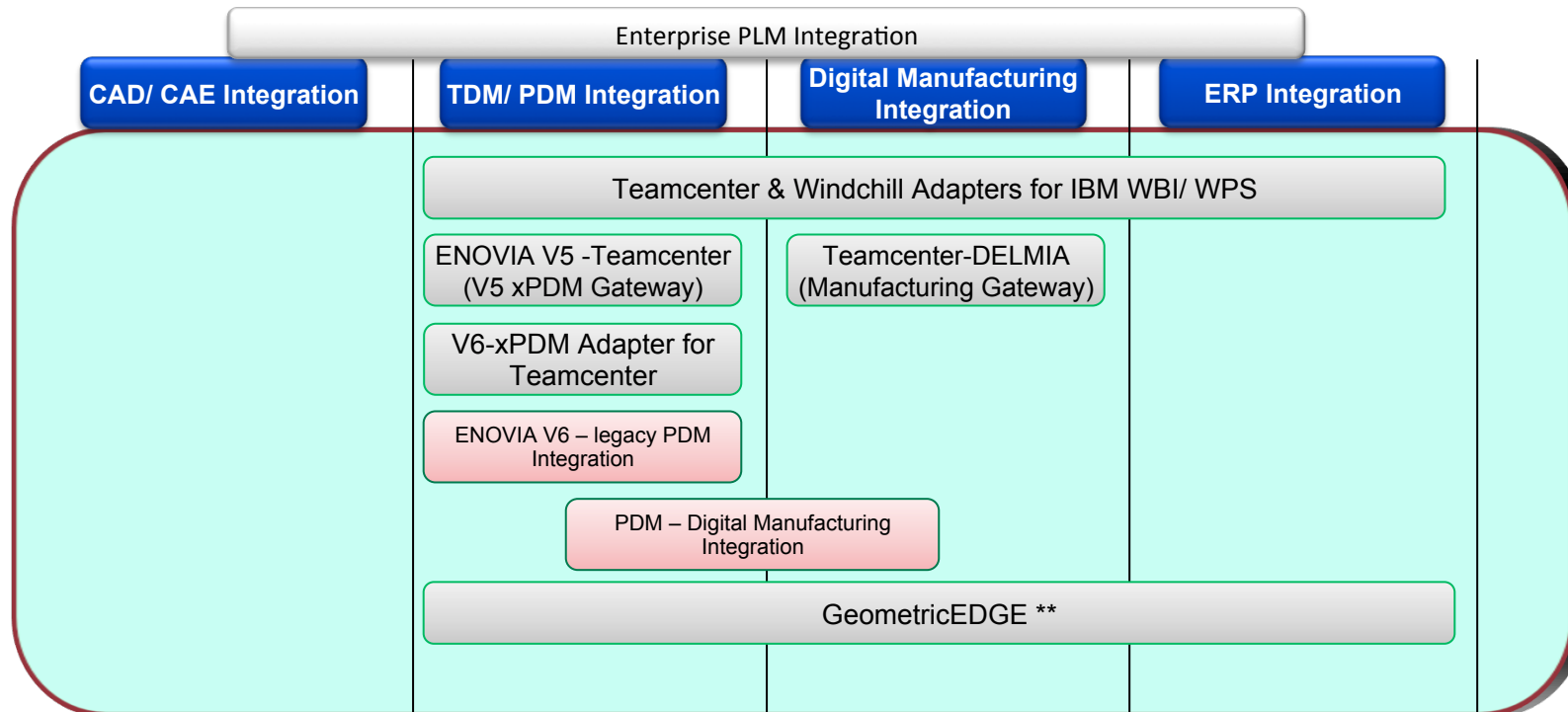
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- **Geometric Interoperability Offerings**
- **Solution Concept for External Collaboration – GeometricEDGE**
- **Summary**

Geometric ConneXion : Enterprise Integration Offerings

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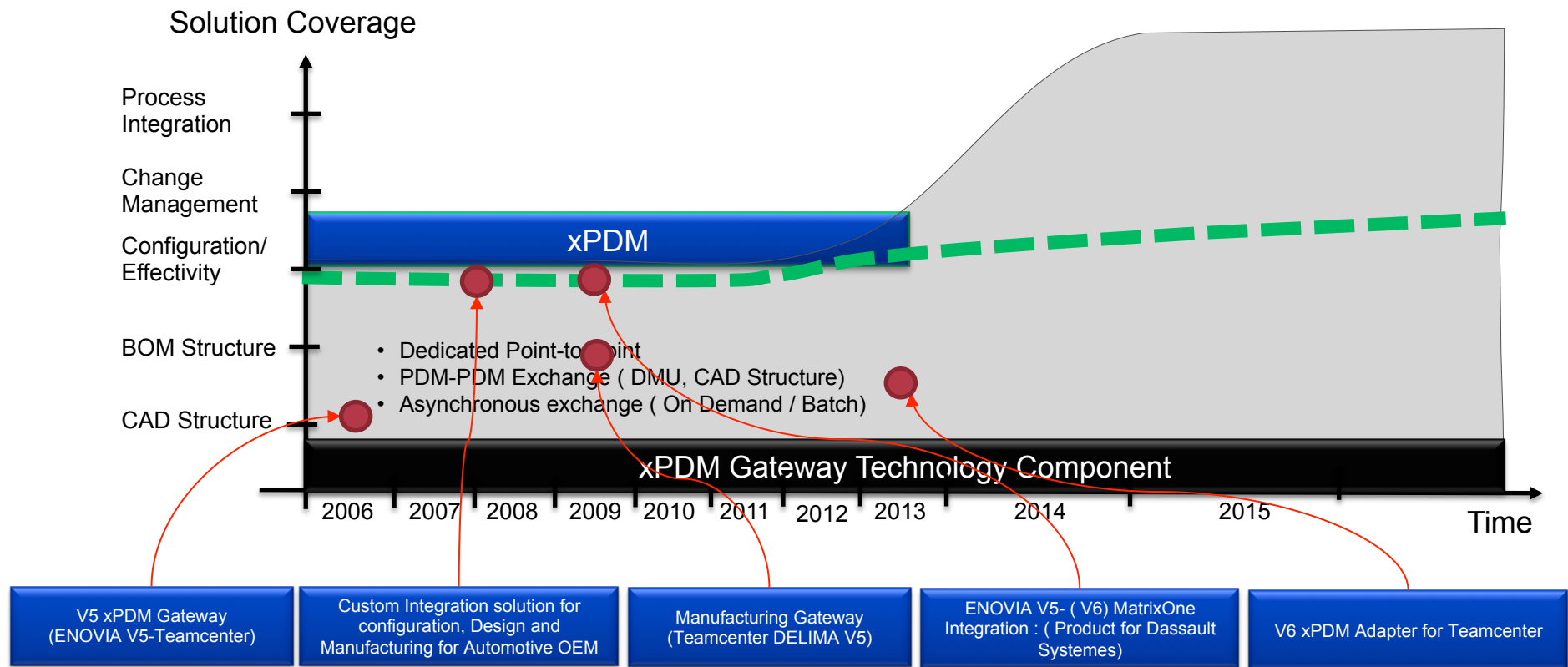
Legend: Products Custom Solutions

(** Product pre-GA)

- Products and solution covering all domains of PLM Integration
- Built leveraging OEM's Integration frameworks and proprietary technology

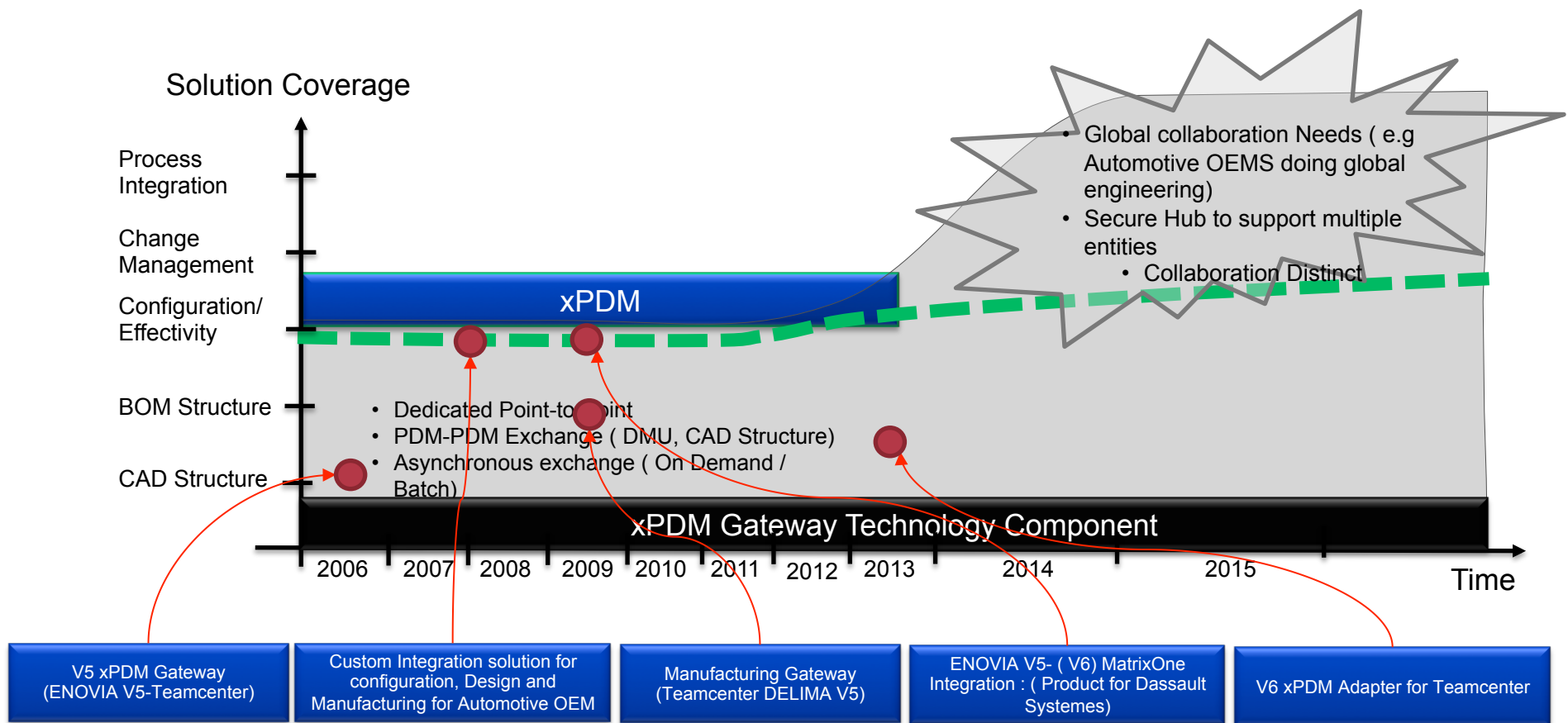
xPDM Based Integration Solutions Evolution - “Market drivers....”

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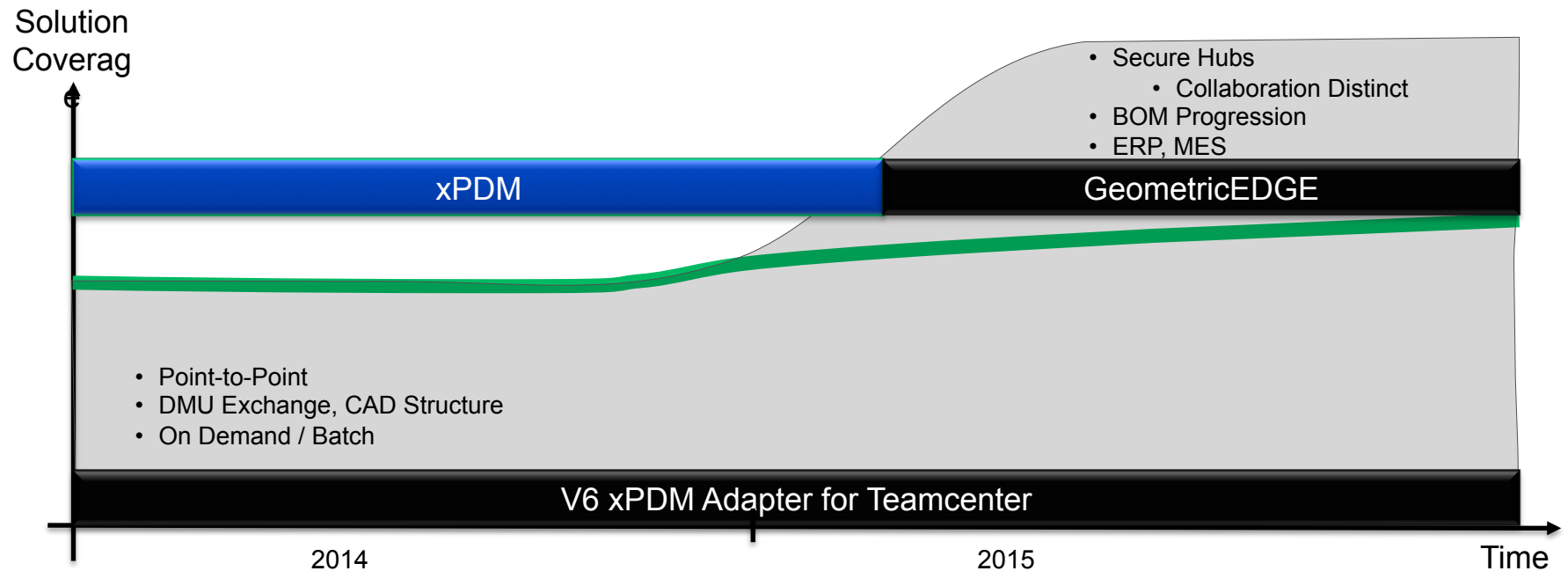
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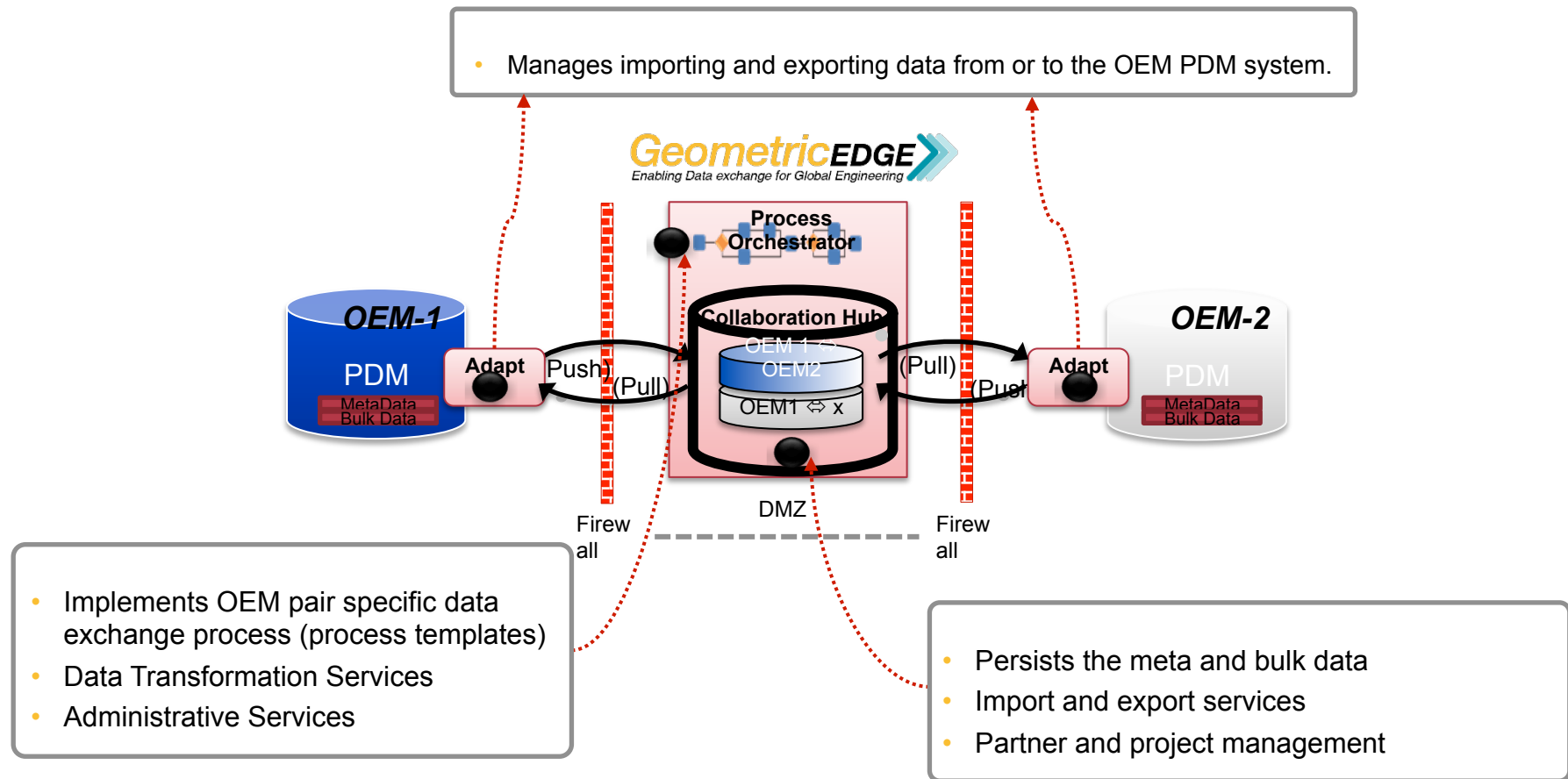
Geometric ConneXion : Enterprise Integration Offerings Evolution

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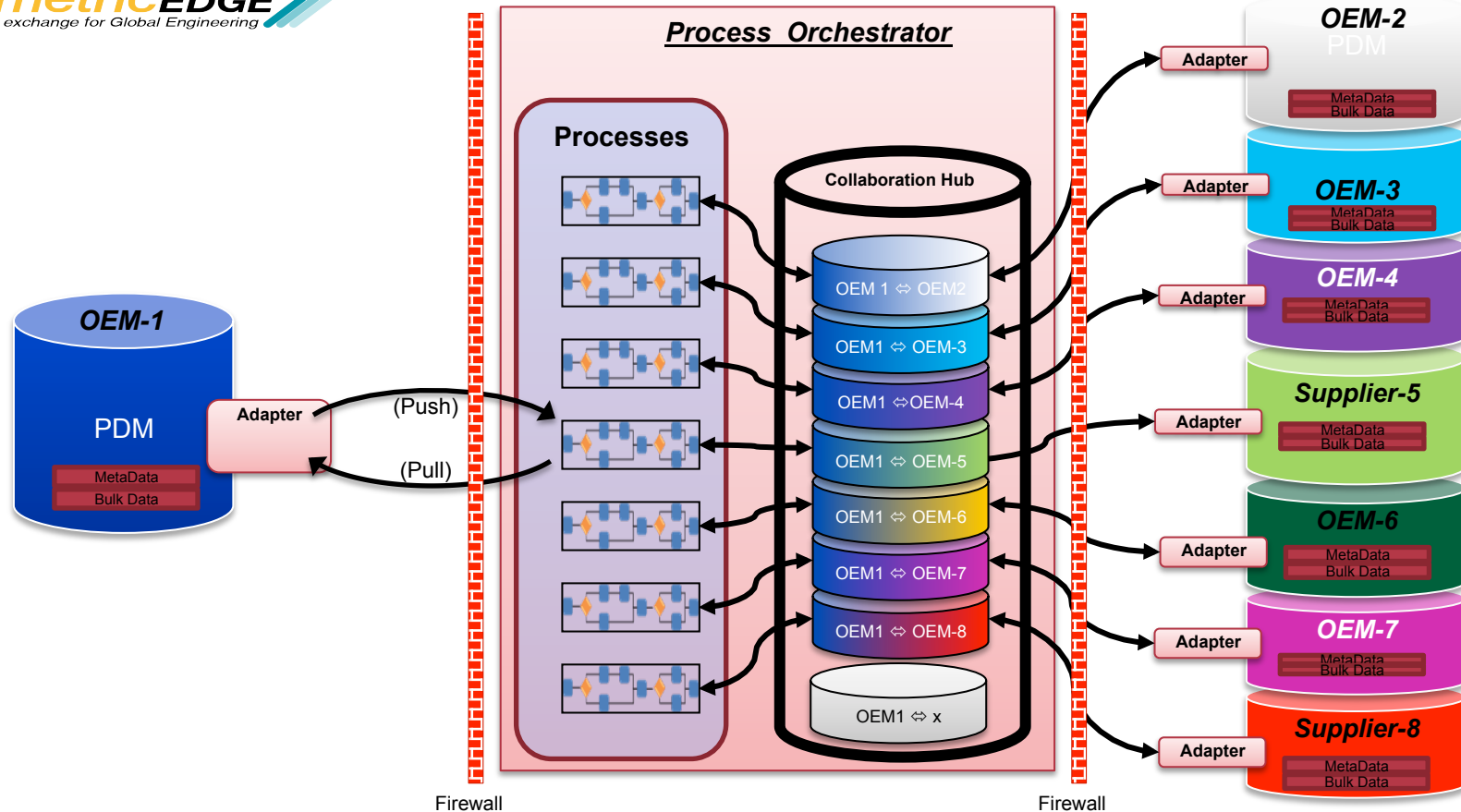
Solution Concept : GeometricEDGE

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Solution Overview: Loose-Integration provides Scalability & Security

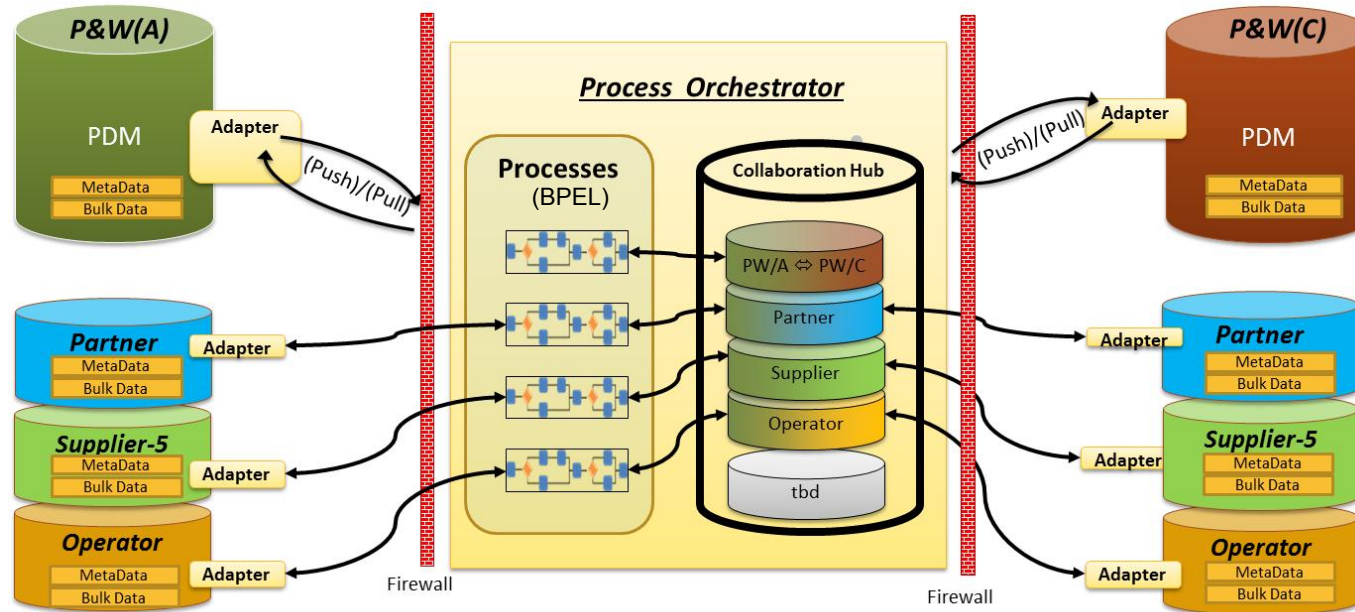
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(GAAG 2013 - Workgroup : OEM2 Collaboration)

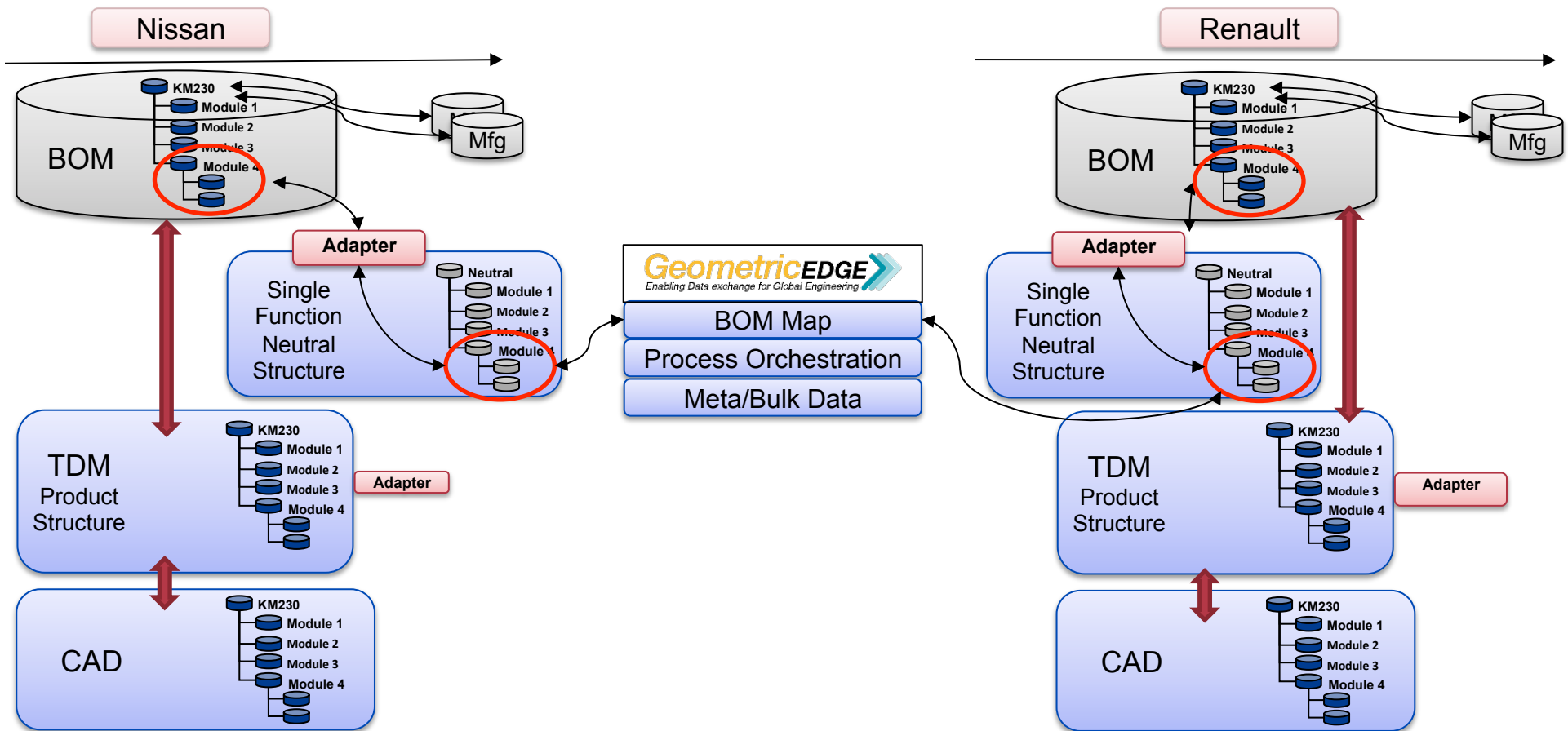
Solution Overview: OEMs, Partners, Suppliers,

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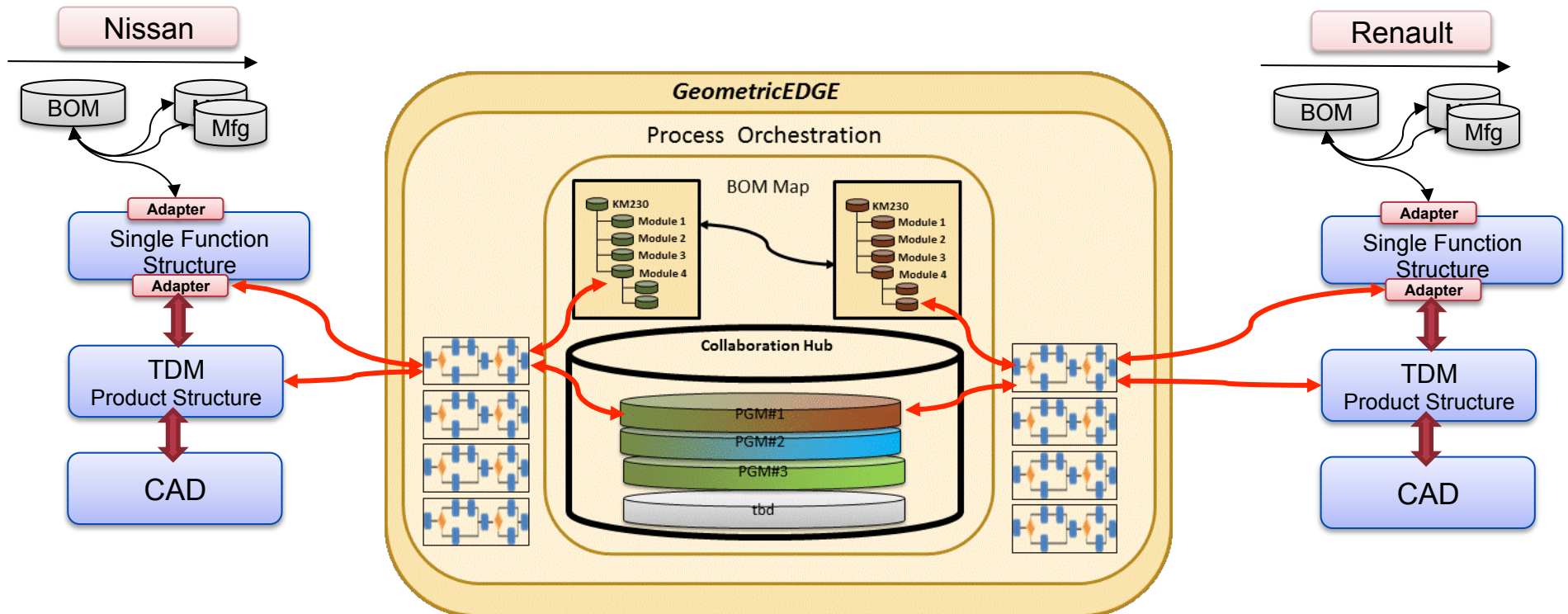
Solution Overview: Heterogenous BOM/CAD Interop

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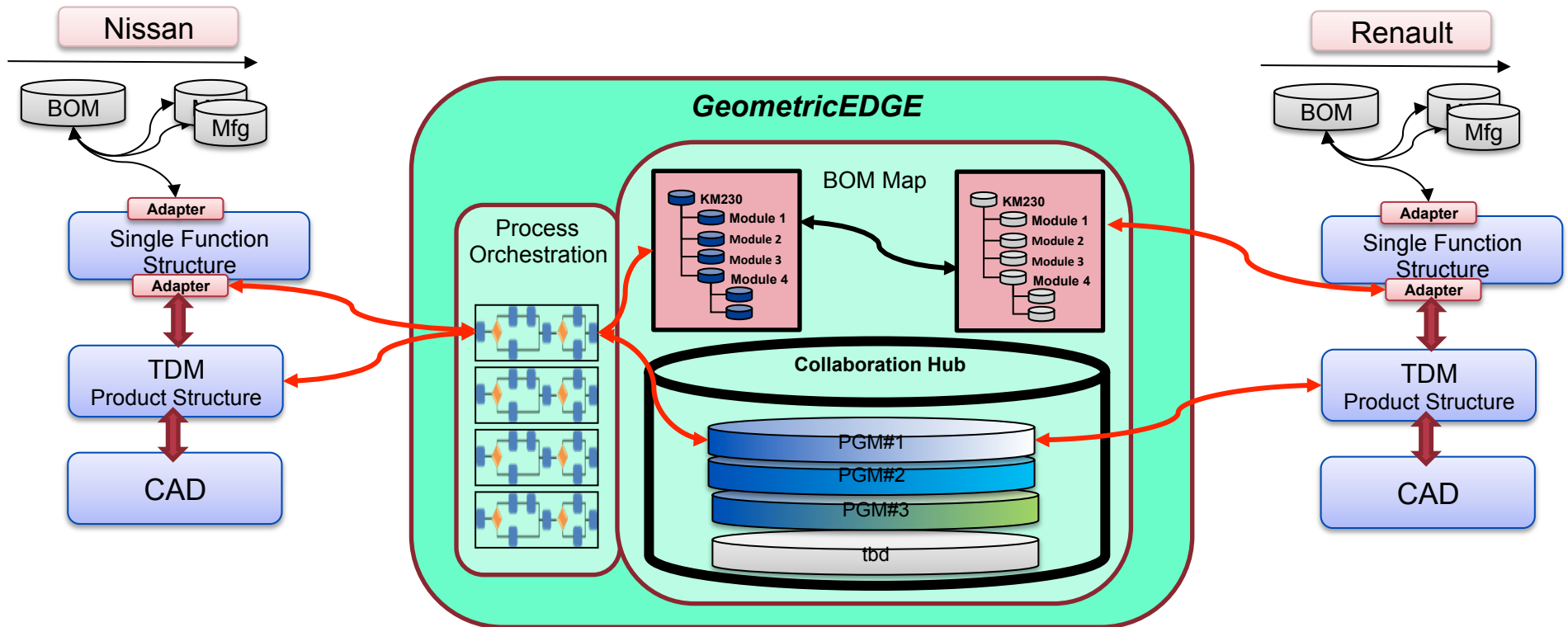
GeometricEDGE for Heterogenous BOM/CAD Interop

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GeometricEDGE for Heterogenous BOM/CAD Interop

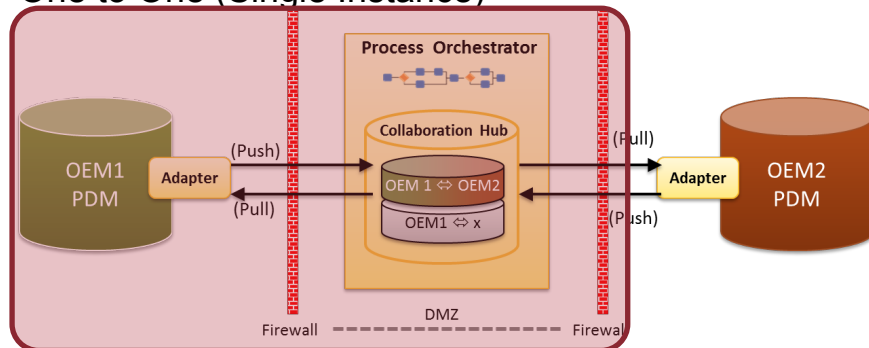
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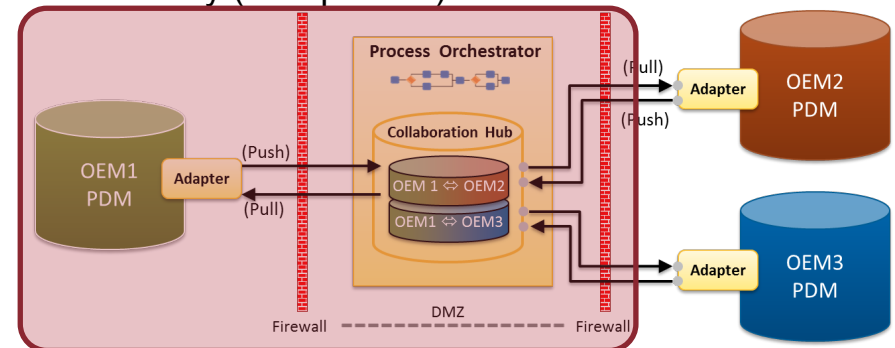
GeometricEDGE - Hosting Topologies - Examples

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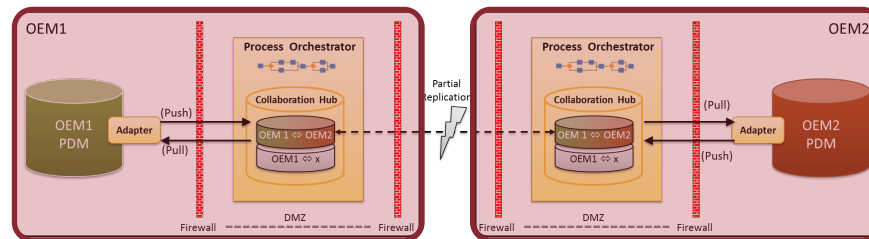
One to One (Single Instance)



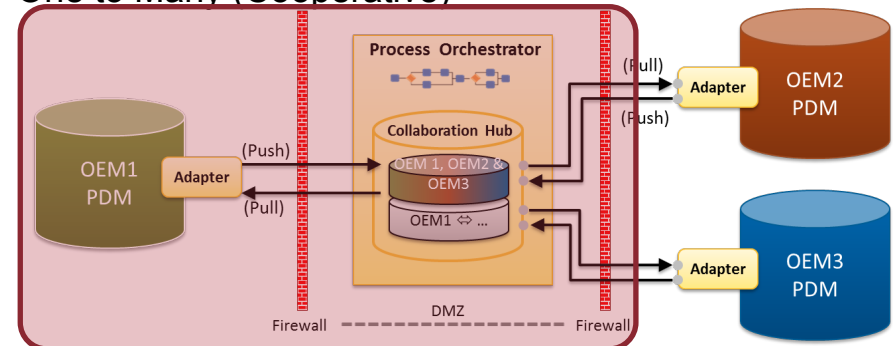
One to Many (Competitive)



One to One (Multiple Instances)



One to Many (Cooperative)



GAAG 2013 - Workgroup : OEM2
Collaboration

Solution Benefits : GeometricEDGE

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- **Reduced setup time and cost for establishing data exchange with Partners/ Joint Ventures**
- **Process templates provide flexibility to manage pair specific exchange processes**
- **Support for industry standards and platform formats**
- **Secures PDM by persisting “shared” data in the Collaboration Hub thus isolating PDM from external access**
- **Shared data for each OEM Partner pair is secured via separate data vaults based on access control. Modes of collaboration like competitive Or cooperative can be supported**
- **Extensible data model to support OEM specific attributes and objects**

Thank You