

GeometricEDGE

An HCL Technologies Product

“The future of manufacturing is in joint-development, design, production, and service of products. Enabling the operationalizing of data exchange between partners in a cost and time effective manner will be key for success.”

- Peter Bilello, President CIMdata

Solution Benefits



Reduced Cost of Ownership

Reduced setup time and cost for establishing data exchange with Partners/ Joint Ventures



Security

Secures OEM PDM by persisting “shared” data in the Collaboration Hub



Flexibility

Process Templates provide flexibility to manage OEM partner pair specific exchange processes



Extensibility

Extensible data model – OEM specific attributes and objects



Performance

Optimized performance for large data sets

In a rapidly changing market environment, OEM's are creating and evolving their business partnerships with other manufacturers or creating joint ventures to gain access to local markets, technology, resources and increasing their product range in a shorter time. The number of such partnerships and joint ventures is growing quickly. However, inherent differences in the product development methodologies and systems are hampering the timely realization of these partnerships due to increasing challenges in enabling data exchange between partners

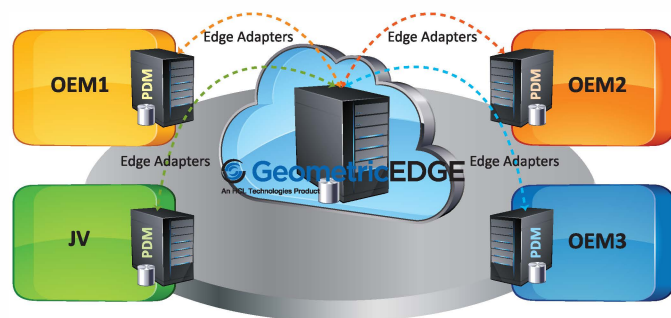
- Usage of different data authoring and management systems
- Business processes differences
- Increasing data validation requirements
- Maintaining confidentiality and security

The ability to create such partnerships/ventures and ramping the production in a short time is a key factor for their success.

GeometricEDGE

GeometricEDGE is a collaboration platform that enables process based Design and Engineering data exchange securely between partners for global Engineering. Its flexible process orchestration helps partners establish collaborative environments faster while limiting the risks associated with differences in processes, practices and tools. GeometricEDGE is based on industry and de-facto standards like STEP AP242, ISO JT, BPEL, XML.

It enables customers to persist and audit the data using admin user interface maintaining a fine control over the data exchange process. Extensive data exchange analytics provides visibility into data sharing patterns and opportunities for further optimization. The solution can be configured for newer partnerships / joint ventures easily and can be deployed on on-premises or a private cloud for scalability.



Adapters

- Standards Based Exchange
- Meta Data + File Data
- AP242, PLMXML, XPDMXML
- ISO JT, Native CAD

Collaboration Spaces

- Projects
- Access Controls
- Secure Data Persistence

Process Orchestration

- Process Templates
- Data Transformation
- Administration
- Reporting & Analytics



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Geometric is now a part of HCL Technologies

For more details contact: geometricplm@hcl.com

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