

QUALITY >>>

Product Development

Industry data shows that 70% of the global vehicle portfolio will be refreshed in the next five years, with reports highlighting that there will be at least 60 new Model launches each year. At the same time, OEMs and suppliers confirm that technology in vehicles and supplied components/systems is advancing at an even faster rate. Progressive companies that want to best support their innovation strategies are achieving breakthrough results by deploying Lean Product Development.

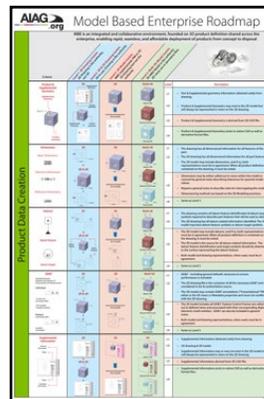
Be part of the future - get involved with the Lean Product Development project team as we identify the best practices that will help suppliers develop and launch innovative product solutions faster.

Model Based Enterprise (MBE) Work Group

AIAG's **M**odel **B**ased **E**nterprise (MBE) Work Group vision is to move the Automotive Industry to a 3D Model Based Enterprise, through the adoption of Model Based Definition (MBD) practices. This requires the 3D CAD model to include all of the information that completely defines a product (such as physical geometry, configuration, functional requirement relationships, attributes and procedural information). This information can then be consumed throughout the extended enterprise enabling seamless sharing, reduced costs, increased efficiencies and quality. The MBE Workgroup believes that we can achieve this vision by helping companies realize the benefits of their investment in technology, and the extended value of their product definition data by:

- Developing guidelines and best practices to educate and prepare the Automotive Industry
- Working with the industry software providers.

Now Available: MBE Wallchart



The AIAG MBE Roadmap Wallchart provides companies; their partners and suppliers a visual means to assess current capabilities and measure their progress from a Level 1- 2D drawing centric environment towards a comprehensive Level 4 - "Model Based Enterprise".

The Wall Chart identifies the key aspects of drawing/model usage to determine your current MBE level, and highlights where to focus to

make the transition to the next level. Achieving the transition to full MBE performance will enable the industry to realize greater product compliance AND much leaner operations, initially through drawing elimination and ultimately through reuse and delivery of complete, in-context product definition to critical operations and processes.

For more information on the MBE Wallchart, please visit www.aiag.org.

If you are interested in this Initiative or have new ideas to improve this area, please contact us at quality@aiag.org.