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Advanced Design and Manufacturing Based on STEP

Advanced Design And Manufacturing Based

Founded in 1990, Advanced Design & Manufacturing continues to provide full service turn-key contract manufacturing to an array of industries who require highly manufactured assemblies: Higher Level Assemblies (HLA)

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Advanced Design and Manufacturing Based on STEP discusses the most successful of the proposed solutions – the Standard for Exchange of Product model, or STEP. STEP aims to provide a complete computer-interpretable product data format, so that users can integrate business and technical data to support all aspects of the product development cycle, e.g., design, analysis, manufacturing, sales and customer services.

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The existing modern advanced manufacturing modes are summarized and a new mode of advanced manufacturing technology, trusted manufacturing (TM) is put forward. The concept of TM is defined. And differences among TM, concurrent engineering and lean manufacturing are discussed. The system architecture of TM and its features are also proposed.

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2.2.1. eMBB. Some complex manufacturing scenarios are required and inevitable in IIoT-driven future advanced manufacturing industry, including real-time status monitoring of all manufacturing equipment, operation and management mode based on cloud computing and service-oriented technologies, design-processing-assembly-maintenance based on virtual / augmented reality.

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Pacific Design & Manufacturing | Feb 11 – 13 in Anaheim, CA

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Cloud-based design and manufacturing - Wikipedia

This glossary is intended as a practical and easy-to-use guide to common terms used in the advanced manufacturing industry. While we have made every effort to present current and accurate definitions, the glossary should be considered as a resource and not as an authoritative reference.

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