

Scientific - industrial aspects of integration product lifecycle management and enterprise resource planning systems

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Abstract

The developed module will provide a dynamic implementation of the integration information systems such as product lifecycle management (PLM), enterprise resource planning (ERP) and others of the enterprise through the use of intelligent agents and knowledge based on experience and rules. Integration module is independent of the software architecture of information systems, because it uses with the embedded integration solutions of different systems. It can work with two or more information systems using bidirectional data transmission scheme. The result will be to minimize errors by eliminating the human factor, the exclusion of manual labor and increase efficiency of decision making. © IDOSI Publications, 2013.

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Keywords

Enterprise resource planning (ERP), Information systems (IS), Integration Efficiency Intelligent agents, Product lifecycle management(PLM)