New IDC MarketScape Evaluates Worldwide Manufacturing Execution System

LONDON, March 5, 2019 — A new IDC study, IDC MarketScape: Worldwide Manufacturing Execution System 2019 Vendor Assessment, uses the IDC MarketScape model to assess 16 vendors in the worldwide manufacturing execution system (MES) market.

The big issue companies have with their MES implementation can be summarized as, "We all know MES investment makes sense, but we also know that only a fraction of it is used at shop floor level, so does it really make sense?" Although the level of discussions and research about the scope of an MES system are not new, in reality a typical MES solution as implemented today in factories usually comprises only a subset of the potential functional areas. Going forward, MES' potential could be increased even further considering how modern manufacturing execution systems will benefit from the emergence of the 3rd Platform and innovation accelerators such as Internet of Things integration, intelligent robotics, and cognitive systems.

This will transform and elevate the role of shop floors in manufacturing organizations and make them central to the fulfillment process. To do this, MES will need to be able to provide meaningful information, in real time, scripted at the right job operator level.

"On one side, the vast array of MES applications makes it difficult for manufacturers to use them to their full potential," said Lorenzo Veronesi, research manager, IDC Manufacturing Insights. "On the other side, however, they make them the preferred candidate to become the shop floor mastermind."

The 16 vendors assessed in the study are Lighthouse Systems Ltd., Dassault Systemes S.A., Oracle Corporation, Critical Manufacturing S.A., SAP SE, Honeywell International Inc., General Electric Company, Aptean Inc., Sanmina Corp., iBASEt Inc., MPDV Mikrolab GmbH, Paper-Less LLC, Siemens AG, Plex Systems Inc., AVEVA Group PLC, and Epicor Software Corporation.

For more information on the study or to arrange a one-on-one briefing with Lorenzo Veronesi, please contact Kanupriya at +44-2089877111 or kanupriya@idc.com.

About IDC MarketScapes

The IDC MarketScape vendor analysis model provides an overview of the competitive fitness of IT, telecommunications, or industry-specific suppliers in a given market. The research methodology uses a rigorous scoring methodology based on both qualitative and quantitative criteria that results in a single graphical illustration of each vendor's position within a given market. IDC MarketScapes provide a clear framework in which the product and service offerings, capabilities and strategies, and current and future market success factors of IT, telecommunications, or industry-specific vendors can be meaningfully compared. The framework also provides technology buyers with a transparent foundation to enable companies to independently compare the strengths and weaknesses of current and prospective vendors.

About IDC Manufacturing Insights

IDC Manufacturing Insights assists manufacturing businesses and IT leaders, as well as the suppliers that serve them, in making more effective technology decisions by providing accurate, timely, and insightful fact-based research and consulting services. Staffed by senior analysts with decades of industry experience, our global research analyzes and advises on business and technology issues facing asset-intensive, brand-oriented, technology-oriented, and engineering-oriented manufacturing industries. International Data Corporation (IDC) is the premier global provider of market intelligence, advisory services, and events for the information technology market. IDC is a wholly owned subsidiary of IDG, the world's leading technology, media, research, and events company. For more information, please visit www.idc-mi.com, email info@idc-mi.com, or call 508-988-7900. Visit the IDC Manufacturing Insights Community at http://idc-community.com/manufacturing.

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