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MANUFACTURING TECH SPECIAL

JUNE 30 - 2015

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20 Most Promising Manufacturing Tech Solution Providers 2015

As the insatiable urge for newer products is increasingly becoming a consumer trend, manufacturers are searching for new ways to increase agility and reinvent strategies. Operational efficiency, speed, and the ability to keep a track on the current as well as future market trends are now a top priority for manufacturers. In such a scenario, they are finding silver lining in the latest technologies that are not only helping them in gaining new opportunities but also in bringing innovative products.

As the manufacturing industry is eagerly embracing this transformation, the technologies such as 3D printing and Internet of Things are becoming a common sight even in SMBs. These technologies are benefitting manufacturers not only on the production floors but also in the entire production-to-market processes.

To help organizations find the best-of-breed manufacturing solutions that suits their business needs, in this issue of CIO Review, we present the 20 Most Promising Manufacturing Technology Solution Providers, featuring the best vendors offering technologies and services that aid in manufacturing processes. The firms featured in this issue have exhibited vast knowledge and in-depth expertise in delivering manufacturing related solutions.

A distinguished panel comprising of CEOs, CIOs, analysts, and the CIO Review editorial board has selected the top players from the competitive field of manufacturing solutions. The listing provides a look into how these solutions work in the real world, so that you can gain a comprehensive understanding of what technologies are available, which are right for you, and how they shape up against the competition.



Company:

Atachi Systems,

Description:

Provides cloud-based MES that reduces dependencies on infrastructure, lowers maintenance costs, and improves access to real-time visibility.

Key Person:

Mekala S. Rao,
President and Founder

Website:

www.atachisystems.com

Atachi Systems

NGIMES: Unlocking Real-time Operational Excellence

It is often assumed that only big manufacturing players can implement MES (Manufacturing Execution System) Technology. MES technology tracks and documents the transformation of raw materials through finished goods and provides right information at the right time. With an industry presence of more than a decade, Atachi Systems has been a provider of the cloud-based MES Technology that reduces dependencies on infrastructure, lowers maintenance costs, and improves access to real-time visibility of shop-floor operations for engineers and managers. MES data projects the current conditions on the plant floor to the decision maker and optimizes to improve production output.

“Taking a step back, embracing MES required a heavy investment and committed IT managers to operate and maintain the application. As many vendors operated on the legacy systems, the industry lagged behind to adapt itself to latest technologies like mobile platform, in-memory technology. Today things have changed,” begins Mekala S. Rao, President and Founder, Atachi Systems.

The company has developed a cloud-based platform called NGIMES—quick to configure and easy to develop application, which runs on mobile devices or browser. The app doesn’t have a historical database and doesn’t encourage ETA (Extraction, Transfer, and Loading), which are not robust as compared to other MES products and that makes it unique. “With NGIMES, companies don’t have to invest and spend on infrastructure or require any IT workforce to own the application to gain a real-time visibility,” explains Rao. The company has been implementing MES for medical devices, electronics for the last 7 to 8 years and is giving early adapters one to two years of free licenses.

Apart from the cloud, Atachi Systems leverages SAP Hana technology, which can handle massive amount of data and also the existing data in the silos. The larger players have numerous manufacturing facilities globally, but they are not connected. And they need a big infrastructure to roll it across different data center or data warehouse to get a consolidated view of those plants. To avoid massive maintenance cost, time delay, top management faces challenges due to disconnected databases. “We give a

clear picture for the manufacturing enterprise management; if a company has 20 manufacturing plants, we are capable of

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We want to bring as much as manufacturing information that is being generated in silos and roll it into their product
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managing it all in a matter of day or two. Without any purchase or any big decision making, organizations can have a clear visibility of their enterprises on any mobile device,” points out Rao.

Atachi Systems’ core value is to support the customer by providing the best value added services. The company helps its customers to manufacture best product in the market and makes sure that they are capable of using it and getting desired output. “With a 24/7 customer service, we resolve our high priority production issues in the regular business days within 15 to 20 minutes,” says Rao.

For instance, one of the leading medical device manufacturers invested millions of dollars in MES solution and as the solution could not go live on time, they failed to achieve the desired ROI. “Taking the situation in hand, we helped the company by maintaining a 24/7 support and made the application go live. Today, the application has been used for 10 years approximately,” says Rao.

Moving forward, Atachi System is looking for the system integrators, the value-added resellers to help them expand their footprints globally. Atachi Systems wants to bring as much as manufacturing information that is being generated in silos and roll it into their product. “The more you know about the product, the more helpful it is,” concludes Rao, who believes in consistently delivering the best of breed services to the client, so they can deliver the same to their customers. **CR**



Mekala S. Rao