**Date:** March 8, 2016
Time: 11:00 EST
Duration: 90 Minutes
Venue: Virtual via GoToWebinar

High-end discrete manufacturing is a major part of US domestic manufacturing output. Products for industries such as aerospace, medical devices and automotive are typically highly regulated. Regulation requires sophisticated handling and storage of vital manufacturing data parts, and a huge level of investment in terms of time and resources to effectively manage. Even with the proper attention and investments, only a small percentage of companies have succeeded in building an integrated MOM solution across multiple plants.
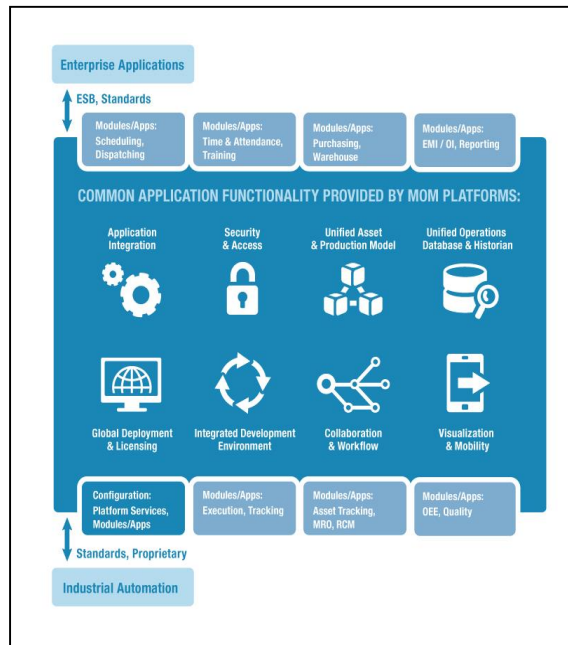
Results based on LNS Research's multi-year global research study of over 500+ industrial executives revealed that 24% of companies have currently implemented a Manufacturing Operations Management (MOM) software, and another 21% of planning to implement in the next year. The results also revealed that companies today are increasingly considering MOM software an enterprise application, 67% of companies viewing it as a corporate or business unit level solution, and the average number of manufacturing sites per implementation being 17.

During this upcoming Global Executive Council meeting, the LNS team will share new research on how world class organizations are moving forward to the next generation of Internet enabled manufacturing solutions.

For many, the starting point on a modernization and integration journey is data spread across a plethora of systems including PLM, ERP, document management, and many more. From there, gradual moves to integrated design, manufacturing, and support is a long road. We are delighted to welcome Mark Tudor from Eaton, as a Global Executive Council speaker, that has started along the winding path.

As a manufacturer of aerospace grade components, Eaton constantly faces the challenge to improve product quality through improved manufacturing operations. A major challenge is management of data across the manufacturing and business enterprise. Eaton had a broad range of sophisticated systems for handling product design, planning, and quality. However, none of it was integrated, and the concept of master data was not well defined. In Eaton's presentation you will learn about its journey including:

- The starting position
    - Difficulty in managing real-time data
    - A quality management system that could not handle complex changes
    - Manual data tracking
- The solution design including
    - Visual work instructions for instant quality improvements
    - Integration to data masters such as ERP and PLM
    - Analytics
    - And much more
- Lessons learned & Future plans
    - Expansion in the initial plant
    - Roll out to other plants
    - New functionality, such as OEE and scheduling
    - How to measure value and sell to other plants.

This is an exclusive event for members of the Global Executive Council. The session will provide actionable recommendations on how global organizations can improve their manufacturing processes. An interactive portion of the discussion will take place at the end of the event for audience questions.

Speakers

Andrew Hughes, Principal Analyst, LNS Research

Andrew Hughes joined the LNS Research team in May of 2015 and is a Principal Analyst with his primary focus being research and analysis in the Manufacturing Operations Management (MOM) practice. Andrew has 30 years of experience in manufacturing IT, software research, sales and management across a broad spectrum of manufacturing industries.

Before joining LNS Research, Andrew was on sabbatical in Ethiopia. Prior to this he worked at Gartner as a research director in the manufacturing group as lead analyst in MOM and related manufacturing software fields. Before joining Gartner, Andrew led the Manufacturing Execution Systems team in Europe at process industry software provider Aspen Technology. Prior to this he worked in diverse software fields including DVD player development at Philips Electronics, as engineering manager in Honeywell for both integrated manufacturing and airports solutions, and initially in GEC Marconi doing research on ultra-reliable software systems. Andrew has a BSc honors degree in Computer Science from York University.

Mark A. Tudor, VP, Information Technology, Eaton Corporation

Mark is the VP of Information Technology for the Aerospace Group at Eaton Corporation, a global, diversified industrial manufacturer focused on Power Management.

In this role, he has responsibility for all IT activities for the Aerospace Group of Eaton and also oversees the IT Center of Excellence supporting Engineering across multiple businesses.

Mark started his career at Eaton in Manufacturing Engineering after graduating from Miami University of Ohio. He spent 15 years in operations and shop environments before moving into IT and credits this experience with driving his passion for technologies that support manufacturing.

Mehul Shah, Senior Associate, LNS Research

Mehul Shah is a Senior Associate at LNS Research. He has spent the last decade helping senior industrial executives to effectively manage their operational and business performance across the value chain.

In his current role, Mehul leads LNS Research's Global Executive Council (GEC) working with quality and manufacturing leaders across global companies such as Harley Davidson, Whirlpool, Corbin Lockheed Martin etc. He is responsible for driving the agenda of the executive council and working with these leaders to benchmark their organization and provide actionable recommendation from a people, process and technology perspective.

Before LNS Research, Mehul spent six years working at the Aberdeen Group as a Research Analyst. Mehul's responsibilities at Aberdeen included creating thought leadership content for executives to leverage within their operational and financial objectives.

He graduated from the University of Mumbai with an engineering degree, and the University of Massachusetts Boston with an MBA in Finance and International Management.