

Welcome to our Newsletter

As we wrap up another busy year at MOMi. Our continued partnership with MESA International has enabled us to deliver trusted, independent MES/MOM education to professionals across the industry—supporting skills growth at a time when clear, practical knowledge is more important than ever. We are pleased to announce this relationship will continue to grow throughout 2026 and beyond with the signed new global licensee contract. Read more about that later in the newsletter



MOMi's Manufacturing business consultancy continues to provide companies with independent guidance to tackle challenges, improve operations, and plan for the future. Senior Business consultants Mathijs Philips and Gerard Ipskamp along with the wider MOMi consultancy team, bring a blend of industry experience, best-practice knowledge, and objective insight that helps organisations identify where they are today and what they need to achieve their strategic goals.

Thank you for being part of our community. We look forward to supporting your MES/MOM learning and transformation journeys in the year ahead. In the meantime, we send you and your family blessings for the festive season.

Sarah Sullivan

MOMi Team Lead

Global Education Program Manager

About MOMi

About MOMi

The Manufacturing Operations Management Institute (MOMi), an Expert Division of ATS Global, provides best-practice consultancy and independent education for manufacturers worldwide. We help organizations navigate the full change cycle, adopt smart technologies, and realize the benefits of Industry 4.0.

Our team of independent experts brings extensive global experience, offering practical, step-by-step guidance to improve operational performance. MOMi delivers clear, deployable strategies that empower people and drive continuous improvement.

Contact Us

Explore how we can accelerate your digitalization journey and much more! Don't miss out - here's how to connect:

Email:

info@mom-institute.org

Website:

www.mom-institute.org

LinkedIn:

[@MOMi](https://www.linkedin.com/company/MOMi)

Latest News

MOMi signs new Licensee agreement with MESA International

A true reflection of our long-standing commitment to delivering independent **#MES** and **#MOM** education to the manufacturing community, the Manufacturing Enterprise Solutions Association (MESA) International and the Manufacturing Operations Management Institute (MOMi) are proud to continue our strong and successful partnership.

As MESA International's only Global Authorized Education Provider, MOMi are incredibly proud of our continued relationship with MESA International and look forward to welcoming new delegates in 2026. You can read more about at www.mom-institute.org



2026 Global Education Schedule is Live!!

The 2026 MOMi global education is now live on www.mom-institute.org. Kicking off on January 11th with MESA MES/MOM Certificate of Awareness, the schedule is filled with independent manufacturing education that enables your team to build the foundations for successful digital transformation and beyond.

Scheduled MOMi education includes:

- MESA MES/MOM Global Education Program (CoA/CoC/B2MML)
- MES All you need to know
- LIMS in Manufacturing: All you need to know!
- Business case to justify MOM investments
- MOM Related ISA Standards (ISA95, ISA99 (batch), ISA62443 (Cybersecurity))
- Manufacturing Maturity to Improve Performance
- Integrating Manufacturing
- IT/OT Convergence for a Connected Factory

These courses can also be executed in house both as classroom/on site and online courses.

Do you want a blend of several courses in a custom program? Contact us to discuss the possibilities.



MOMi Education in Focus

MESA International's MES/MOM Global Education Program: Building the Workforce for Modern Manufacturing

Today's manufacturers face increasing pressure to boost productivity, ensure quality, strengthen traceability, and accelerate digital transformation. To meet these demands, teams need more than new technology, they need the knowledge to use it effectively. MESA International's MES/MOM Global Education Program (GEP) provides that foundation.

The program offers three key certifications: the [Certificate of Awareness \(CoA\)](#) for a high-level understanding of MES/MOM concepts, and the [Certificate of Competency \(CoC\)](#) for deeper skills in system selection, architecture, standards, and deployment. Both help manufacturers build a shared vocabulary and align IT, operations, and leadership around a unified approach to smart manufacturing. Finally MESA's [B2MML & Integration Fundamentals CoC](#) which provides standardized, ISA-95, based XML schemas and best practices that help manufacturers seamlessly integrate business systems (like ERP) with plant-floor operations.

By investing in MES/MOM education, companies gain stronger internal capability, smoother digital-transformation projects, better use of data, and improved operational outcomes. Teams become more confident and collaborative, and organizations reduce reliance on external consultants.

In an era of rapid change, MESA's GEP is a practical way for manufacturers to upgrade skills, modernize processes, and prepare for the next stage of smart, connected production.

In addition to these benefits, the MESA certificate holds international value. It is recognized as proof of both conceptual and methodological knowledge, as well as practical application.

New for 2026 – a **discount** has been added to all education including MESA International GEP. Making manufacturing education even more accessible in 2026!!

Introducing the MOMi GEP Instructors



Gerard Ipskamp

Gerard Ipskamp is a senior Business Consultant for manufacturing operations and IT. As consultant and advisor Gerard has over 20 years' experience in improving operational processes of industrial enterprises in Europe in a large variety of industry markets (Food & Beverage, Chemical, Oil & Gas, Pharmaceutical, High Tech and Building, beside several others)... [learn more about Gerard here!](#)



Robbert Ottenhof

Robbert Ottenhof is a Global Modernization Architect at ATS. For more than 12 years, Robbert has been leading the design, development and deployment of MOM solutions at large manufacturers globally. From early stage engagements identifying operational challenges, required capabilities and applicable technologies, through solution delivery and to post go-live support, Robbert has been involved with all stages of the lifecycle... [learn more about Robbert here!](#)



Guillaume Mouquot

Guillaume has 10 years' experience within the MES/MOM domain, supporting manufacturing companies with their journey towards Industry 4.0. His roles have included business consultant, pre-sales, solution architect and facilitator of workshops. During this time Guillaume has had an involvement in a wide range of industries such as Aerospace & Defense, Automotive, and Pharmaceutical... [learn more about Guillaume here!](#)

Business Consultancy in Focus

When AI evaluates MES vendors: Lessons from a ChatGPT experiment

By Senior Business Consultant [Gerard Ipskamp](#)

Evaluating Manufacturing Execution Systems (MES) is a complex and often partly subjective exercise. Recently, a practical experiment was conducted to test the reliability of ChatGPT in assessing seven diverse MES platforms: Siemens Opcenter, Apprentice.io, GE Vernova Proficy, Eyelit MES, Dassault Apriso, Sepasoft MES and Tulip MES. The goal was twofold: to evaluate how accurately ChatGPT could handle MES use cases, and to identify whether its outputs, despite inevitable errors, might still reveal meaningful insights into current MES market trends.

Overview of the experiment

Using a set of 25 MES use cases spanning material management, scheduling, quality control, equipment integration, and advanced innovation functions, ChatGPT was prompted to evaluate each vendor's capability, focusing on whether features were available out-of-the-box/configurable (OotB/Config), required customization, or were not possible. No description was given to ChatGPT related to these use cases, just a short name.

The detailed, use-case level analysis of the vendors exposed clear errors in ChatGPT's answers. Some capabilities were overstated, others underestimated. This was expected due to ChatGPT's lack of access to up-to-date product specifications and its generalist nature.

However, at a higher aggregation level, the experiment surfaced some interesting trends about MES maturity and vendor positioning.

Key market-level observations by ChatGPT

1. AI/ML functions are becoming configurable modules

Siemens, Dassault, and Sepasoft have clearly moved AI-driven features like predictive maintenance, scheduling optimization, and quality anomaly detection from bespoke customizations to configurable, out-of-the-box modules. This indicates a major shift in MES maturity: intelligence is no longer an add-on but a baseline expectation.

2. Niche vendors expanding functional coverage

Life-science focused Apprentice.io and semiconductor-centric Eyelit MES, traditionally seen as narrowly scoped, are closing gaps quickly by integrating broader functionalities. While still requiring some customization, their expanding capabilities challenge the historic advantage of broad cross-industry platforms.

3. Mid-tier flexibility narrowing the gap

Sepasoft's modular architecture enables highly adaptable configurations at a lower cost, which erodes the long-standing differentiation from enterprise-grade MES like Siemens and Dassault. This changes how manufacturers in the mid-market can approach MES adoption.

4. Enterprise MES compete more on ecosystem and analytics

Siemens Opcenter and Dassault Apriso's strengths lie in deep ecosystem integrations and analytics capabilities rather than just base MES functionality, reinforcing the trend toward platforms as comprehensive digital ecosystems.

Interesting use case specific findings by ChatGPT

Remember that these assessments might be underrated or overrated!

Material Movement Between Sites:

Siemens, GE, and Dassault manage this with minor customizations. Apprentice.io does not support this, while Eyelit, Sepasoft, and Tulip require large customizations, reflecting their relative maturity in complex multi-site scenarios.

AI-Driven Predictive Maintenance:

Available as out-of-the-box or configurable modules in Siemens, Dassault, and Sepasoft; only limited or no support exists for Apprentice.io, Eyelit, and Tulip, highlighting where AI sophistication currently resides.

Serialization:

Siemens, Dassault, and GE support serialization OotB, crucial for life sciences and high-tech sectors. Apprentice.io and Tulip lack serialization capability, limiting their use in regulated industries.

Production Scheduling:

Large vendors offer scheduling OotB/configurable, while Apprentice.io does not support it and Eyelit requires large customizations, reflecting differences in process complexity support.

Complementary strengths: Humans and AI in MES evaluation

The experiment also revealed another key insight: although ChatGPT's detailed evaluations contained errors, its broad pattern recognition surfaced possible trends that human evaluators may not always see objectively. Conversely, human experts provide context, critical judgment, and validation that AI currently cannot replicate.

This suggests a complementary future for MES evaluations, where AI-driven synthesis can highlight possible emerging patterns or blind spots, while human expertise interprets and validates these findings. Rather than viewing AI as a competitor to expert judgment, it can be a powerful tool for augmenting decision-making.

Final thoughts

Is there value in embracing a hybrid approach that leverages AI's broad synthesis capabilities alongside human domain expertise?

The future of MES vendor selections depends on this synergy.

If you would like to discuss a more detailed breakdown of use cases per vendor or guidance on your MES selection process, please reach out.

What our Customers Say...



"Thank you for the great training and inspiring discussions. The course gave practical improvement ideas for our value delivery model to reach higher value by utilizing standard products more rapidly in customer projects. I found the manufacturing

strategy/maturity, enterprise architecture, and process design perspectives most intriguing."

Sakari Aulanko, Technology & Innovation Lead at Novotek Oy

MESA Methodologies CoC



Royal Swinkels Master Data Quality and PLM/LIMS Selection

"MOMi has been fantastic in helping us select both a PLM and LIMS system. Thanks to their expertise and guidance, the entire process was very structured and efficient. Gerard Ipskamp, with his expertise and sharp insights, guided us through the entire selection process and ultimately helped us make an informed decision.

Thanks to MOMi, we were able to select the right suppliers within a short period of time. Their approach was professional and goal-oriented, and with their guidance, we were able to identify the best options for our organization.

We are very pleased with our collaboration with MOMi and Gerard Ipskamp and would definitely recommend them to other companies looking for a PLM or LIMS system. MOMi helped us in making this important decision, and we are confident that with their help, we made good choices."

Marye Klaasen; Head of QESH; Swinkels

Education Schedule

MOMi's education programs are delivered as public sessions as well as in-house. In the last case, the content can be tailored to your specific situation.

Please ask [Sarah Sullivan](#) for more details about In-house programs, typically for 10 participants or more, or if you want to participate with a smaller group. Attractively reduced fees may apply.



For more information and registration, see our [website](#).

Course Name	Days	Start Date	Location	Price	Register
LIMS in Manufacturing: All You Need to Know!	2	December 9, 2025	Online (14:00 - 18:00 CET / 08:00 - 12:00 EDT)	€ 1,020	Registration
Integrating Manufacturing (MES/MOM)	2	December 11, 2025	Online (14:00 - 18:00 CET / 08:00 - 12:00 EDT)	€ 1,020	Registration
MESA MES/MOM Certificate of Awareness (CoA01)	3	January 13, 2026	Online (14:00 - 19:00 CET / 08:00 - 13:00 EDT)	€ 2,400	Registration
MESA MES/MOM Certificate of Competency (CoC01)	5	January 19, 2026	Online (14:00 - 19:00 CET / 08:00 - 13:00 EDT)	€ 3,940	Registration
Integrating Manufacturing (MES/MOM)	2	February 3, 2026	Online (14:00 - 18:00 CET / 08:00 - 12:00 EDT)	€ 1,020	Registration
IT/OT Convergence for a Connected Factory	2	February 5, 2026	Online (14:00 - 18:00 CET / 08:00 - 12:00 EDT)	€ 1,020	Registration
Applying ISA-95: All You Need to Know!	4	February 10, 2026	Online (14:00 - 19:00 CET / 08:00 - 13:00 EDT)	€ 2,600	Registration
MES: All You Need to Know!	4	February 17, 2026	Online (14:00 - 18:00 CET / 08:00 - 12:00 EDT)	€ 1,900	Registration
MESA MES/MOM Certificate of Awareness (CoA01)	3	March 17, 2026	Online - US Time Zone (11:00 - 16:00 EDT)	\$2,770	Registration
MESA MES/MOM Certificate of Awareness (CoA01)	3	March 17, 2026	Online - In French - (10:00 - 16:00 CET)	€ 2,400	Registration

MOMi Business Consultancy: Control the Business Change Cycle



MOMi Education: A Comprehensive Set of Programs

- Smart Manufacturing and Industry 4.0 strategy
- MES/MOM for Executives

- Manufacturing Maturity
- Business and IT Alignment
- MOM Centre of Excellence



- MOM related ISA Standards
- Cyber Security
- MESA MES/MOM Global

- Metrics Framework
- Continuous