

Digital Intelligence for a Smarter Supply Chain

3 – 4 November 2025 The Majestic Hotel Kuala Lumpur



Michael Lecomte 
Supply Chain Leader & Trainer

1 Course Overview

What if your next **supply chain transformation** could be the difference between **your business leading the market** or falling behind?

In today's complex world, supply chains must be faster, smarter, and more resilient. Relying on outdated processes and siloed data puts you at risk of costly delays, lost customers, and missed opportunities.

This dynamic two-day workshop is built for supply chain professionals, operations managers, and business leaders ready to harness digital intelligence and revolutionize their supply chains.

You'll explore how **IoT**, **AI**, **blockchain**, **big data**, **robotics**, and **cloud computing** are reshaping supply chains, delivering unmatched visibility, agility, and efficiency.

Through hands-on exercises, real-world case studies, and immersive demos, you'll learn to:

- Gain **real-time visibility and control** over your entire supply chain network
- Use **AI and predictive analytics** to forecast demand and optimize operations
- Leverage **blockchain for transparent, secure, and trustworthy** supply chain processes
- Build **resilient, customer-centric supply chains** that adapt to change instantly
- Craft a **practical digital transformation roadmap** with clear priorities, milestones, and measurable impact

If you're ready to future-proof your supply chain and drive real business value through digital intelligence, this workshop is your game-changer.



2 Course Lead Trainer



Michael Lecomte 
Supply Chain Leader & Trainer

Michael Lecomte is a renowned expert in procurement, supply chain and warehouse management, with nearly **20 years of experience spanning Europe, the Middle East, and Asia**. His career has flourished across diverse industries, including 3PLs, footwear, and beauty, where he has consistently delivered transformative results.

Michael's unique combination of hands-on industry expertise and a natural talent for teaching has made him a sought-after figure in both academia and corporate training. For over a decade, he has lectured at prestigious universities and elevated professionals' capabilities through impactful training programs, solidifying his reputation as a leader in knowledge-sharing and skill development.

Michael's achievements are a testament to his strategic and operational excellence. He has successfully led major business transformation initiatives, implementing robust frameworks to optimize supply chain performance and drive operational efficiency. With a strong track record in managing high-stakes projects, Michael consistently delivers results within tight timelines and competitive budgets.

His ability to collaborate with cross-functional stakeholders and provide strategic updates has instilled confidence in global teams and enhanced organizational agility across diverse markets.

3 Course Objectives & Benefits

Objectives

By the end of this workshop, you will be able to:

- ✓ Understand the **core technologies** driving digital supply chain transformation.
- ✓ Apply **tools** like AI, IoT, and Blockchain for visibility, automation and traceability.
- ✓ Build a **roadmap** for integrating digital tools across the supply chain lifecycle.
- ✓ Identify and mitigate **cybersecurity risks** in a digital supply chain.
- ✓ Leverage **simulation, digital twins** and **analytics** for proactive decision-making.
- ✓ Design a supply chain strategy that prioritizes **customer experience** and resilience

Benefits to Your Company

This workshop builds supply chain teams who can:

- ✓ Harness data-driven insights to **optimize** demand forecasting, inventory management, and logistics, turning complexity into clarity.
- ✓ Implement cutting-edge technologies like IoT, AI, blockchain, and automation to **boost efficiency** and reduce costly errors.
- ✓ Anticipate disruptions and adapt quickly using predictive analytics and digital twins, **minimizing risk** and downtime.
- ✓ Lead digital transformation initiatives with **confidence**, driving collaboration and innovation across departments.

Result? **A smarter, more agile supply chain.** A workforce empowered to deliver exceptional value. An organization ready to thrive in the digital era.



4 Course Agenda

Day 1

Module 1: Introduction to Digital Transformation in Supply Chain

- Overview of digital transformation and its impact on global supply chains
- Key drivers for adopting digital technologies in supply chain management
- Digital maturity in supply chains: assessing readiness through diagnostic tools and frameworks

Module 2: Key Technologies Driving Supply Chain Transformation

- Internet of Things (IoT) for real-time supply chain visibility and tracking
- Artificial Intelligence (AI) and Machine Learning for demand forecasting and process optimization
- Big Data analytics for smarter decision-making and proactive risk management
- Robotics and automation in warehousing and logistics to improve speed and reduce errors
- Demo on Virtual Reality application in a warehousing environment for immersive operational training

Module 3: Blockchain for Supply Chain Transparency and Security

- How blockchain improves traceability and accountability across multi-tier supply networks
- Application of blockchain in logistics, procurement, and inventory management
- Smart contracts and their role in enhancing efficiency and reducing friction
- Case study/Exercise on Blockchain application for food safety traceability

Module 4: Cloud Computing and Supply Chain Integration

- Role of cloud computing in improving collaboration and communication among supply chain partners
- Integration of cloud-based solutions for better planning, execution, and reporting
- Enhancing flexibility and scalability in supply chain operations
- Case study/Exercise on cloud integration solving visibility issues in complex networks

Course Schedule:

08:30-09:00	09:00-10:30	10:30-11:00	11:00-13:00	13:00-14:00	14:00-15:30	15:30-16:00	16:00-17:00
Registration	Upskilling	Break	Upskilling	Break	Upskilling	Break	Upskilling

Note:

All modules will be delivered across Day 1 and Day 2. However, the trainer may adjust the sequence, modify content, or emphasize specific topics based on the delegates' skills and experience.

5 Course Agenda

Day 2

Module 5: Enhancing Customer Experience through Digital Supply Chains

- Leveraging digital technologies to create a customer-centric supply chain
- Personalization, predictive analytics, and responsive delivery systems
- Omni-channel fulfillment strategies that align with evolving consumer expectations
- Case study/Exercise on strategic use of technology to improve customer service

Module 6: Digital Twins and Supply Chain Simulation

- Introduction to digital twins: replicating supply chain processes in a virtual environment
- Benefits of simulating supply chain performance and planning scenarios
- Predictive maintenance and process optimization using digital twins
- Case study/Exercise on Digital Twins utilization for operational excellence

Module 7: Cybersecurity in the Digitized Supply Chain

- Key cybersecurity challenges in digital supply chains
- Protecting data integrity and managing risks in IoT-enabled ecosystems
- Building a resilient digital supply chain through effective security protocols
- Case study/Exercise on a cyber breach and containment strategies

Module 8: Roadmap to Implementing Digital Supply Chain Transformation

- Steps to successful digital transformation in supply chain management
- Overcoming organizational and technological challenges
- Developing a digital transformation strategy: timelines, milestones, and KPIs
- Measuring the ROI of digital supply chain initiatives
- Case study/Exercise on Digital Supply Chain strategy implementation

Conclusion: Future Trends in Digital Supply Chain Management

- Emerging technologies: 5G, edge computing, and autonomous systems
- The role of sustainability and green technologies in digital supply chains
- Preparing for the future: adaptability and continuous innovation

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6 Who Should Attend

This workshop is suitable for both **experienced professionals** seeking to deepen their knowledge and those **new to the field** looking to build a strong foundation in digital supply chain management, including but not limited to:

Role	Relevancy	Why?
Supply Chain Managers / Executives	★★★★	Core audience. Gain real-time visibility, enhance operational efficiency, and lead digital transformation in supply chain ecosystems.
Logistics / Distribution Managers	★★★★	Learn to optimize end-to-end logistics using IoT, automation, and cloud-based tools for agility and responsiveness.
Procurement & Purchasing Managers	★★★★	Understand how blockchain, analytics, and cloud integration improve transparency, traceability, and supplier collaboration.
Operations Managers / Directors	★★★★	This workshop equips them to drive innovation, reduce inefficiencies, and adopt resilient digital supply chain frameworks.
Business Analysts (Supply Chain focus)	★★★★	Enhances their ability to assess digital maturity, model transformations, and evaluate ROI of tech integration.
Digital Transformation / Innovation Leads	★★★★	Offers a comprehensive roadmap to lead cross-functional digital change across the supply chain network.
Inventory / Warehouse Managers	★★★	Learn how robotics, VR, and data analytics improve warehouse operations and inventory accuracy.
Manufacturing / Production Managers	★★★	Supports efforts to align production with smart supply chain systems and predictive maintenance strategies.
Chief Operating Officers (COOs)	★★★	Sharpens strategic decision-making with tech insights to create a future-ready, customer-centric supply chain.
IT Managers / IoT & Blockchain Architects (in SCM context)	★★★	Helps align tech deployment with supply chain goals and improve security, data flow, and integration.
Data / AI Analysts (focused on logistics/SC)	★★★	Deepens knowledge of predictive analytics and digital twins in demand forecasting and operations optimization.

★★★★ Highly Relevant ★★★ Relevant ★ Somewhat Relevant

7 Our Past Sessions



Let's Level Up!

Are you ready to empower your skills and ultimately elevate your career?



Standard Fee : RM3,500/pax
Group Fee : RM3,350/pax (min 3 pax)

- ✓ Fees are per participant & inclusive of 8% SST.
- ✓ This course is **100% claimable** through HRD Corp Claimable Course (SBL-KHAS) Scheme: Employer-Specific Course
- ✓ **[Optional]** Add a **1-night stay** at the event hotel for a discounted rate of **RM400 nett**.

Step 1: Click the registration link here:

→ <https://www.skill-lyft.com/workshop-series-registration-form> or scan the QR code below and complete the online form.



Step 2: We'll review your submission and email the relevant documents:

- If applying for HRD Corp grant: You'll receive supporting documents to complete your grant application.
- If not applying for grant: You'll receive an invoice for direct payment.

Need help or have questions?
Reach out to us at registration@skill-lyft.com



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For more information / enquiries, please contact:

 **Skill Lyft (M) Sdn. Bhd.** 202201042066 (1487763-T)
Level 3, Wisma Suria, Jalan Teknokrat 6, Cyber 5, 63000 Cyberjaya, Selangor, Malaysia.

 +60 11 3613 4122

 hello@skill-lyft.com

 www.skill-lyft.com