Advanced Digital Inventory and Cloud ERP Systems Training Course



30 Nov - 04 Dec 2026

Kuala Lumpur

5200 € (Per Person)

Ref: #IM1970_159422

Course Introduction / Overview:

In today's hyper-competitive global market, the synergy between a sophisticated digital inventory strategy and a robust cloud-based Enterprise Resource Planning (ERP) system is no longer a luxury but a critical driver of operational excellence and strategic advantage. This course provides a comprehensive roadmap for professionals seeking to master this integration, transforming their supply chain and inventory management from a cost center into a value-generating powerhouse. We will explore the principles outlined by thought leaders like Thomas H. Davenport on business process innovation, applying them to the modern challenges of inventory control and system implementation. This program, offered by BIG BEN Training Center, moves beyond theoretical concepts, delving into the practicalities of selecting, implementing, and optimizing cloud ERP solutions to support a dynamic digital inventory framework. Participants will learn to leverage real-time data, predictive analytics, and automated workflows to enhance inventory accuracy, reduce carrying costs, and improve customer satisfaction, ensuring their organization is agile and resilient. This journey is about re-engineering processes, a concept detailed in many businesses' transformation books, to build a future-proof operational backbone.

Target Audience / This training course is suitable for:

- Supply Chain Managers and Directors.
- Inventory Control Managers and Planners.
- IT Project Managers and ERP Implementation Specialists.
- Operations Managers and Supervisors.
- Procurement and Sourcing Professionals.
- Logistics and Warehouse Managers.
- Business Analysts and Systems Analysts.
- Finance Managers and Controllers involved in ERP projects.
- Consultants specializing in supply chain and ERP systems.

Target Sectors and Industries:

- Retail and E-commerce.
- Manufacturing and Industrial Production.
- Wholesale and Distribution.
- Logistics and Third-Party Logistics (3PL) Providers.
- Pharmaceuticals and Healthcare.
- Consumer Packaged Goods (CPG).
- Automotive and Aerospace.
- Government and Public Sector Agencies.
- Technology and Electronics.

Target Organizations Departments:

- Supply Chain Management.
- Logistics and Distribution.
- Information Technology (IT).
- Procurement and Purchasing.
- Operations Management.
- Finance and Accounting.
- Warehouse and Inventory Control.
- Strategic Planning and Business Development.

Course Offerings:

By the end of this course, the participants will have able to:

- Develop a comprehensive digital inventory strategy aligned with organizational goals.
- Analyze and map existing business processes for ERP integration readiness.
- Create a detailed requirements document for selecting a cloud-based ERP system.
- Evaluate leading cloud ERP solutions and manage the vendor selection process effectively.
- Master the key phases of an ERP implementation project, from planning to go-live.
- Formulate a robust data migration strategy to ensure data integrity and accuracy.
- Design and implement effective change management and user adoption plans.
- Utilize ERP analytics for advanced demand forecasting and inventory optimization.
- Establish key performance indicators (KPIs) to monitor supply chain performance post-implementation.
- Drive continuous improvement by leveraging the full capabilities of a cloud ERP system.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be immersive, practical, and highly interactive, ensuring that participants not only learn the theory but can also apply it directly to their professional challenges. We employ a blended learning approach that combines expert-led presentations with hands-on, experiential activities. The course is built around real-world case studies of successful and challenging cloud ERP implementations, allowing participants to analyze complex scenarios and develop strategic solutions. A significant portion of the training is dedicated to collaborative workshops where attendees will work in teams to map business processes, develop project plans, and simulate vendor negotiations. These group activities foster peer-to-peer learning and provide a platform for sharing diverse industry experiences. Interactive sessions, Q&A panels, and facilitated discussions are integrated throughout the five days to encourage critical thinking and problem-solving. Participants will receive continuous feedback from the instructor and their peers, creating a dynamic and supportive learning environment that bridges the gap between knowledge acquisition and practical mastery.

Course Agenda (Course Units):

Unit One: Foundations of Digital Inventory and Cloud ERP Strategy

- The evolution from traditional inventory management to digital strategy.
- Core concepts of Enterprise Resource Planning (ERP) systems.
- Cloud-based ERP vs. on-premise solutions: a comparative analysis.
- Aligning inventory strategy with overall business objectives.
- Key performance indicators (KPIs) for modern inventory management.
- The role of data analytics in supply chain visibility.
- Introduction to business process reengineering for system readiness.

Unit Two: Planning and Selecting the Right Cloud ERP System

- Defining business requirements and functional specifications.
- Conducting a gap analysis of current processes and systems.
- Developing a Request for Proposal (RFP) and evaluation criteria.
- A guide to the cloud ERP vendor landscape and market trends.
- Methodologies for evaluating vendor demonstrations and proposals.
- Key considerations for contract negotiation and Service Level Agreements (SLAs).
- Building the business case and calculating Return on Investment (ROI).

Unit Three: Managing the ERP Implementation Project Lifecycle

- Principles of project management for ERP implementation.
- Defining project scope, timeline, and budget.
- Assembling the project team: roles and responsibilities.
- Data migration strategies: cleansing, mapping, and validation.
- System configuration and the customization dilemma.
- Integration strategies with other business systems (CRM, WMS).
- Testing methodologies: unit, integration, and user acceptance testing (UAT).

Unit Four: Change Management, User Adoption, and Go-Live

- Understanding the human side of technological change.
- Developing a comprehensive change management and communication plan.
- Strategies for effective end-user training and support.
- Managing resistance and building stakeholder buy-in.
- Go-live strategies: big bang, phased rollout, and parallel adoption.
- Developing a post-go-live support structure and help desk.
- Final system cutover and contingency planning.

Unit Five: Post-Implementation Optimization and Analytics

- Leveraging cloud ERP for real-time inventory tracking and control.
- Advanced demand forecasting and planning using ERP data.
- Techniques for inventory optimization: safety stock, JIT, and ABC analysis.
- Utilizing business intelligence (BI) and reporting dashboards.
- Conducting post-implementation audits and performance reviews.
- Continuous improvement cycles for business processes.
- Future trends: AI, IoT, and blockchain integration with ERP systems.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

Beyond cost savings and efficiency, how can the integration of a cloud-based ERP system fundamentally reshape an organization's competitive strategy and business model in the digital age?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by holistically integrating two critical business functions: the high-level strategy of digital inventory management and the complex, practical execution of a cloud-based ERP implementation. Unlike programs that focus solely on the technical aspects of an ERP system or the theoretical side of inventory control, this training provides a unified framework. It emphasizes that a cloud ERP is not just an IT project but a fundamental business transformation. We dedicate significant time to the often-neglected yet crucial elements of business process reengineering, change management, and user adoption, recognizing that these are the primary determinants of project success and ROI. The curriculum is built on a strategic, top-down approach, teaching participants how to align technology selection and implementation with overarching business goals. Rather than just demonstrating software features, we use case studies and interactive workshops to teach critical thinking and strategic decision-making, empowering participants to lead a successful transformation that delivers sustained competitive advantage and operational agility.