

Advanced ERP Implementation and Integration Strategies

Dubai (UAE)

24 - 28 March 2025

UK Traininig

PARTNER



Advanced ERP Implementation and Integration Strategies

Code: IT28 From: 24 - 28 March 2025 City: Dubai (UAE) Fees: 4600 Pound

Introduction:

In today's dynamic business environment, the seamless implementation and integration of Enterprise Resource Planning ERP systems are crucial for organizations to maintain operational efficiency and competitive advantage. As businesses increasingly adopt sophisticated ERP solutions, IT professionals need to develop advanced skills to ensure successful deployment and integration with minimal disruption. This 5-day intensive course delves deep into advanced strategies for ERP implementation, covering best practices, and integration techniques, and addressing common challenges faced during the deployment phase. Participants will gain hands-on insights into modern ERP frameworks, data migration, system customization, and managing the integration of cloud and on-premise ERP solutions.

Course Objectives:

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

1. Understand advanced ERP implementation methodologies - Gain insights into different ERP deployment strategies Agile, Waterfall, Hybrid and understand when and how to apply each one for successful ERP adoption.
2. Master ERP system integration techniques - Learn how to integrate ERP systems with existing IT infrastructure, including third-party applications, databases, and legacy systems.
3. Develop expertise in managing ERP migrations - Learn advanced practices for data migration, system customization, and ensuring data integrity during the transition from legacy systems to new ERP solutions.
4. Explore cloud-based ERP environments - Understand the challenges and best practices for deploying and integrating cloud ERP solutions with on-premise applications and services.
5. Optimize post-implementation performance - Learn how to evaluate and optimize ERP system performance post-deployment, including advanced troubleshooting techniques and performance tuning.
6. Apply ERP project management best practices - Learn how to manage ERP projects effectively, focusing on timelines, resources, and stakeholder management.

Course Outline:

Day 1: ERP Implementation Foundations

- **Introduction to ERP Systems: Modern Trends and Evolution**
- **ERP Deployment Methodologies: Waterfall, Agile, Hybrid**
- **Understanding the ERP Life Cycle: From Planning to Go-Live**
- **Selecting the Right ERP for Your Organization: Key Considerations**
- **Key Success Factors for ERP Implementation.**

Day 2: Advanced System Configuration and Customization

- **Advanced Configuration of ERP Modules Finance, HR, Supply Chain, etc.**
- **Customizing ERP to Fit Business Needs**
- **Managing ERP Customizations vs. Standardization**
- **Role of ERP Consultants and Developers in Customization**
- **Hands-on Lab: Configuring and Customizing ERP Modules**

Day 3: ERP Integration Strategies • ERP System Integration: Principles and Frameworks

- **Integrating ERP with Legacy Systems and Third-Party Applications**
- **Data Synchronization and API Integration**
- **Best Practices for Cloud and On-Premise ERP Integration**
- **Security Considerations in ERP Integrations**

Day 4: Data Migration and Master Data Management

- **ERP Data Migration Best Practices**
- **Techniques for Ensuring Data Integrity and Accuracy**
- **Master Data Management MDM in ERP Systems**
- **Hands-on Lab: Migrating Data from Legacy Systems to ERP.**

Day 5: Post-Implementation and ERP Optimization



- Post-Implementation Monitoring and Performance Metrics
- ERP Troubleshooting and Performance Tuning
- Change Management and End-User Adoption Strategies
- Ongoing System Updates and Upgrades



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