



MICROSOFT TRAINING

# Microsoft Dynamics 365 Finance And Operations Apps Solution Architect

*Architect Microsoft Dynamics 365 Finance & Operations Apps. Master solution design, implementation, and integration for enterprise success.*

---

DURATION

**40 Hours**

LEVEL

**Intermediate**

FORMAT

**Instructor-Led**

---

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | [www.computer-pride.co.ke](http://www.computer-pride.co.ke)

## COURSE OVERVIEW

This advanced certification course, "Microsoft Dynamics 365 Finance And Operations Apps Solution Architect," is meticulously designed for IT professionals aspiring to lead and architect complex business solutions using Microsoft's powerful ERP suite. It delves deep into the strategic design, technical implementation, and successful deployment of Dynamics 365 Finance and Operations apps. Participants will gain a comprehensive understanding of the entire solution lifecycle, from initial requirement gathering and architectural blueprinting to advanced integration strategies, data migration, and robust governance planning. The curriculum emphasizes a holistic approach, covering not just the core Finance and Operations functionalities but also their integration with the broader Microsoft ecosystem, including Azure services and the Power Platform.

Upon completion, you will possess the critical skills to translate intricate business needs into scalable, resilient, and high-performing Dynamics 365 solutions. This course empowers you to guide development teams, manage stakeholder expectations, and make informed architectural decisions that ensure long-term success and alignment with organizational objectives. It is ideal for experienced consultants, technical architects, and project managers looking to elevate their expertise and take on senior leadership roles in Dynamics 365 F&O implementations, driving digital transformation initiatives within enterprises.

|                 |              |
|-----------------|--------------|
| <b>Duration</b> | 40 Hours     |
| <b>Level</b>    | Intermediate |
| <b>Vendor</b>   | Microsoft    |

## COURSE CURRICULUM

### 01 Module 1: Introduction to Solution Architecture for D365 F&O

- Understanding the Role of a D365 F&O Solution Architect
- Key Architectural Principles and Best Practices
- Overview of the D365 F&O Architecture and Components
- Aligning Business Strategy with Technical Solutions
- Project Lifecycle and Engagement Models

### 02 Module 2: Functional and Technical Design of D365 F&O Solutions

- Designing Core Finance Modules (GL, AP, AR, Budgeting)
- Architecting Supply Chain Management Processes (Procurement, Inventory, Production)
- Leveraging Advanced Warehousing and Transportation Management
- Technical Considerations for Customizations and Extensions
- Performance Optimization and Scalability Design

### 03 Module 3: Integration and Data Architecture

- Designing Integration Strategies (Data Entities, OData, Dual-write)
- Integrating with Azure Services (Logic Apps, Service Bus, Data Lake)
- Leveraging the Microsoft Power Platform for Extensions and Integrations (Power Apps, Power Automate)
- Data Migration Strategies and Tools (Data Management Framework, BYOD)
- Master Data Management (MDM) Principles in D365 F&O

### 04 Module 4: Security, Governance, and Lifecycle Management

- Designing Comprehensive Security Models (Role-based Security, XDS)

- Data Privacy and Compliance Considerations (GDPR, ISO)
- Environment Strategy and Application Lifecycle Management (ALM)
- Deployment Strategies and Release Management
- Monitoring, Troubleshooting, and Continuous Improvement

## 05 Module 5: Advanced Topics and Solution Blueprinting

- Designing for High Availability and Disaster Recovery
- Global Deployments and Localization Considerations
- Cost Management and Licensing Architectures
- Capacity Planning and Infrastructure Sizing
- Developing Solution Blueprints and Technical Design Documents

## CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Microsoft Dynamics 365 F&O Solution Architect**
- > **Enterprise Applications Architect (focusing on Microsoft platforms)**
- > **Lead D365 Finance & Operations Implementation Consultant**

## FREQUENTLY ASKED QUESTIONS

### **Q: What prior experience or knowledge is recommended before enrolling in the Microsoft Dynamics 365 Finance And Operations Apps Solution Architect course?**

Prospective students should have a strong foundational understanding of Dynamics 365 Finance and Operations apps, including experience with functional configuration, implementation, or technical development. Ideally, candidates will have worked on at least one full-cycle D365 F&O implementation project and possess a good grasp of core business processes such as finance, supply chain, or manufacturing. Familiarity with cloud concepts, Azure services, and the Power Platform is also highly beneficial, as these technologies are integral to architecting comprehensive solutions.

### **Q: How does this course specifically prepare me to lead complex, enterprise-level Dynamics 365 F&O implementation projects?**

This course is designed to equip you with the strategic foresight and technical depth required to lead large-scale D365 F&O projects. You will learn how to translate complex business requirements into robust architectural designs, make critical decisions on system integration, data migration, and security, and effectively manage the solution lifecycle. Emphasis is placed on best practices for performance optimization, scalability, and governance, enabling you to mitigate risks, guide diverse project teams, and deliver solutions that meet long-term organizational goals and deliver significant ROI.

### **Q: What specific architectural frameworks and design patterns will I learn to apply when creating Dynamics 365 F&O solutions?**

The course covers a range of architectural frameworks and design patterns crucial for D365 F&O. You will learn about component-based architecture, service-oriented architecture (SOA) principles for integrations, and event-driven architecture when connecting with other systems via Azure services. We delve into specific patterns for data migration (e.g., phased migration, cutover strategies), security design (e.g., role-based access control, segregation of duties), and extensibility (e.g., utilizing extensions over customizations, ISV solutions). You will also gain proficiency in designing for

scalability, high availability, and disaster recovery specific to the D365 F&O cloud environment.

## ABOUT COMPUTER PRIDE



### *East Africa's Premier IT Training Center*

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

**15+**

Years of Excellence

**10,000+**

Professionals Trained

**50+**

Vendor Certifications

## READY TO ENROL?

Take the next step in your technology career.

#### Location

1st Flr, ICEA Building  
Kenyatta Ave, Nairobi

#### Email

[info@computer-pride.co.ke](mailto:info@computer-pride.co.ke)

#### Phone

+254 705 900 900

[www.computer-pride.co.ke](http://www.computer-pride.co.ke)