

SmartPlant Foundation (SPF) User Training

COURSE CONTENT

GET IN TOUCH



Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

SmartPlant Foundation (SPF) User Training by Multisoft Systems is designed to help engineering and project professionals effectively manage, access, and control enterprise-wide engineering information. SPF acts as a centralized data management platform that connects people, processes, and information across the asset lifecycle, making it a critical tool for EPC companies and asset owners.

Module 1: Introduction to SmartPlant Foundation

- ✓ Overview of Engineering Data Management (EDM)
- ✓ Role of SPF in plant lifecycle management
- ✓ SPF architecture and key components
- ✓ Data-centric vs document-centric approach
- ✓ Common use cases in EPC and owner-operator projects

Module 2: SPF User Interface & Navigation

- ✓ Logging in and user roles overview
- ✓ SPF Explorer and workspace layout
- ✓ Menus, toolbars, and shortcuts
- ✓ Grids, filters, and column customization
- ✓ Saving views and user preferences

Module 3: Object & Data Model Basics

- ✓ Understanding SPF object types
- ✓ Tags, equipment, lines, instruments, and documents
- ✓ Object attributes and metadata
- ✓ Relationships between objects
- ✓ Viewing object hierarchy and dependencies

Module 4: Document Management in SPF

- ✓ Document creation and registration
- ✓ Document classes and numbering rules
- ✓ File upload, check-in, and check-out
- ✓ Document versions and revisions
- ✓ Viewing and comparing document revisions

Module 5: Search, Query & Data Retrieval

- ✓ Simple and advanced searches
- ✓ Attribute-based and relationship-based searches
- ✓ Saved searches and shared queries
- ✓ Using filters for faster data retrieval
- ✓ Exporting search results

Module 6: Version Control & Status Management

- ✓ Versioning vs revision concepts
- ✓ Document and object lifecycle states
- ✓ Status transitions and approvals
- ✓ Change history and audit trails
- ✓ Managing superseded and obsolete data

Module 7: Relationships & Cross-Discipline Linking

- ✓ Linking documents to tags and equipment
- ✓ Navigating relationships across disciplines
- ✓ Impact analysis using relationships
- ✓ Viewing parent-child and reference links
- ✓ Best practices for maintaining relationships

Module 8: Workflows & Collaboration

- ✓ Introduction to SPF workflows
- ✓ Review and approval processes
- ✓ Task assignments and notifications
- ✓ Transmittals and document exchange
- ✓ Collaboration between engineering teams

Module 9: Reporting & Data Extraction

- ✓ Standard SPF reports overview
- ✓ Creating basic user-level reports
- ✓ Data export to Excel and PDF
- ✓ Using reports for audits and reviews
- ✓ Interpreting report outputs

Module 10: Security, Roles & Access Control (User Perspective)

- ✓ Understanding user roles and permissions
- ✓ Data access rules and ownership
- ✓ Secure handling of project information
- ✓ Compliance and governance basics

Module 11: Integration Awareness & Viewing External Data

- ✓ Integration overview with SmartPlant tools
- ✓ Viewing data from SPPID, SPEL, SPI, and SP3D
- ✓ Understanding federated data access
- ✓ Read-only vs editable data