Business Intelligence & Data · BI21

Achieving CMMS Data Integrity

Barcelona (Spain) · 23 - 27 Nov 2026

Date	Venue	Duration
23 - 27 Nov 2026	**Barcelona (Spain)**	**1 Week**
Fee	Ref	Language
£5,000 GBP	**BI21**	**English**

Introduction

Many CMMS new data frames are presented carelessly, or companies upgrade their CMMS and upload legacy data to the new account on a regular basis. Often, data construction is outsourced to engineering consultants or companies that specialize in this type of work. The primary analysis for a reduction in data integrity is a reduction in standards and guidelines, resulting in people doing what they believe is the correct way, but everyone has different ideas.

This Achieving CMMS Data Integrity training course teaches delegates the best practices for building CMMS data during the pre-operational stage, as well as how to perform major equipment clean-ups and save data.

- Presents structured access to all aspects of data builds for the latest builds
- Pretenses how to bring out critical reviews of current CMMS Data
- Pretenses the quality checks and how to transport legacy systems

Course Objectives of Achieving CMMS Data Integrity

- Discover how to audit the quality of their CMMS data
- Get the CMMS data to build process
- Realize increased CMMS quality and effectiveness
- Know how to develop databases in MS Access and create reports
- Minimize the need for data integrity rework
- Manage the data builds made by consultants

Course Methodology of Achieving CMMS Data Integrity

Participants will acquire active participation during the course and use exercises, surveys, case studies. A laptop is required with Microsoft Excel and Microsoft Access.

Organizational Impact of Achieving CMMS Data Integrity

- Decrease rework in CMMS Builds

- More lowering build costs
- Quality and compatible builds
- Decrease in stockholding through the escape of duplicate stock
- Motivate the team to be more significant of their data in CMMS or when done by consultants

Personal Impact of Achieving CMMS Data Integrity

- Discover how to audit the quality of their CMMS data
- Get the CMMS data to build process
- Completed improved CMMS quality and effectiveness
- Know how to promote databases in MS Access and create reports
- Minimize require for data integrity reworks
- Maintain the data builds done by consultants

Target Audience of Achieving CMMS Data Integrity

- Preservation Managers, Engineers, Analyst
- CMMS Key Users
- Anyone who is required in data integrity in maintenance & operations
- Spares and Inventory Personnel

Course Outlines of Achieving CMMS Data Integrity

DAY 1

Introduction to CMMS Data Build

- Common Problems with Data Builds
- Scope of CMMS Data & Process
- CMMS version Upgrades and Critical Reviews
- Which is the best tool for MS Excel or MS Access?
- Features of MS Access
- Exercises Spare Cataloguing
- Introduction to MS Access Tables, Queries, Reports

DAY 2

Maintenance & Spares Coding

- Equipment Class
- Failure Classes
- Shutdown Codes
- WO Priority Codes
- Building the Failure Coding Structure
- Exercise Failure Code Structure

DAY 3

Building the Asset Register

- The Building Process
- Developing Guides & Standards
- Naming & Numbering Conventions
- Maintainable Groups

- Conducting Quality Checks
- Equipment Attributes
- Exercise Building Equipment Register

DAY 4

Building the Spares Database

- The Building Process
- Developing Guides & Standards
- Naming & Numbering Conventions
- Conducting Data Quality Checks
- Determining Inventory Levels
- Exercise Building Spares Register

DAY 5

Building the PM Data

- Introduction including Definitions
- Maximo vs. SAP – common terminology
- Developing Generic Strategy Guides including those based on FMEA Concepts
- Writing Effective Tasks Good Practices
- Job Plan Formats
- Routes and Linking PMs to Tags
- Quality Checks
- Exercise

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training@hplustraining.com · +44 74 0108 8599 · +90 539 827 59 14