

MATS Builder Essentials - Level 1 (3 days)

Course Overview

Course Description:

Delegates that attend this three-day training course will get a thorough introduction to building business applications on the MATS Low-code development platform.

Prerequisites:

Attendees of this course should have a basic understanding of the kinds of solutions that can be built using the MATS platform. Those who have had no exposure to the MATS platform should access the Introduction to MATS E-learning module as a prerequisite (details of how to access this E-Learning module will be sent to the attendee once their place on the session is confirmed).

Target Audience:

Typical attendees are business analysts, power users of applications such as Microsoft Excel and subject matter experts from business departments. Software programming experience is not required, but attendees should be familiar with process mapping, basic database concepts and developing forms in either web-based tools or an application such as Microsoft Access.

Learning Objectives:

This is a hands-on session where delegates will be actively creating a MATS application based on a business case study. Upon completion of the session, attendees will be able to use the MATS platform to:

- Create Process Maps
- Create Data models using Data Objects, Data Properties and Data Relationships
- Configure various Rules to trigger the generation of automated communications and timers
- Design a fully functioning User Interface by understanding how the MATS UI navigation structure is created and how pages are constructed
- Design dashboards incorporating reporting functionality and charts
- Create and administer users, user roles and permissions
- Test that the application works as expected and make necessary refinements

Course Structure:

This is an instructor led course for groups of up to 10 attendees and involves a combination of presentation, guided exercises and assignments. Over the 3 days, users will be introduced to the core functionality of the MATS platform and use this functionality to create a new MATS application to solve a use case scenario.

After the training course, attendees have the option of attempting to become a MATS certified builder. To do this, the attendee will be given a new use case scenario and, using the functionality covered within the 3-day session, create a new MATS application. This new application will then be assessed by a MATS certifier who will, after a brief telephone-based interview with the attendee, determine if certification has been achieved.

Note: any attendees that wish to attend the Builder Essentials Level 2 training session must have attended the Level 1 session first and have passed the certification process.

Agenda

Day One

- **Creating a Process Map**
 - An introduction to the use case scenario and the creation of a Process Map on which the new application will be based
- **Creating the Data model**
 - Understanding the importance of Data security
 - An Introduction to Data Objects in MATS
 - Creating Properties within Objects
 - Defining the correct relationships between Objects
- **Configuring Rules**
 - How are rules created in MATS and what can they be used for?
 - Using rules to send automated communications and to start and stop a timer
 - Using custom Events to trigger rules in the platform
- **Configuring Messages**
 - Creating personalised messages utilising Data Properties

Day Two

- **Designing the User Interface**
 - How does the MATS Interface navigation hierarchy work?
 - How are Containers, Cells, Widgets, Fields and Elements used when creating a page
 - Creating a variety of pages to create, view and edit data

Day Three

- **Utilising Subsets in MATS**
 - What is a Subset and how are they created?
 - How are Subsets used within the User Interface?
- **Creating a Reports area**
 - Create a chart-based dashboard to display record data
 - Create a Geo-Map to demonstrate customer locations
- **Create and administer Users, User roles and permissions**
 - Create new User roles
 - Set the permission levels for different User roles
- **Creating additional Interfaces and custom Themes**
 - How are multiple interfaces created within a single MATS instance?
 - Change the look and feel of the application based on Themes
- **Test that the application works as expected and make necessary refinements**
- **An introduction to the MATS Community**
- **An introduction to the Certification scenario**