# CA ARD and CA TDM

CA Test Data Manager with CA Agile Requirements Designer Lets you use the generated synthetic data in the test cases that you create from your requirements flows.

CA Test Data Manager lets you create, maintain, and provision the test data that is needed to rigorously test evolving applications. CA Test Data Manager uniquely combines elements of data subsetting, masking, and synthetic, on-demand data generation to enable testing teams to meet the agile needs of the organization. The integration with CA ARD lets you use this synthetic data in the test cases that you create from your requirements flows.

There are two key use cases for using CA ARD and CA TDM together:

**On-demand Data Generation**

CA TDM lets you reserve data for exclusive use by testers to avoid conflicts. CA ARD plays a key role in this process by using flows to drive the creation of a data request form.

**Generate Data for Test Cases**

CA Agile Requirements Designer can connect to a CA Test Data Manager instance and can leverage the CA TDM data generation engine to generate synthetic data for individual test cases.

1st question

What type of service it is??

**TEST MATCHING HP ALM Integration**

# Configure Test Data Management for ALM

**STEPS TO FOLLOW**

1. Create **Data Sets** and **Data Pools.**
2. Create CA Agile Requirements Designer Data Set.

Create a data set of CA Agile Requirements Designer type in TDM under the same project as test match data pool. The new data set is used to associate the Flow.

Create Flow

CA Agile Requirements Designer lets you design the visual and active flow chart and various TDM actions. When you expose the designed flow to TDoD, run the flow to perform the defined actions. For example, you can set criteria and request data for a specific test case. Run the flow that is designed with respective actions to perform in Test Data Management.

**Configure Form Based Test Data Reservation Service**

CA Test Data Manager (CA TDM) helps testers link the test cases with relevant data and expected results, as well as eliminate over testing of certain functionality and to prioritize tests based on criticality. CA Agile Requirements Designer (CA ARD) helps to plugging in the CA TDM to existing test management tools, such as HP Application Lifecycle Management (HPALM) and CA Agile Central.

**As a Test Data Engineer**, you can create a diagram in the CA ARD that represents the set of requirements as a visual flow. In every flow, there is a certain number of possible paths you can take between the Start and the End block and each path represents a test case. You can associate the ARD Flow with CA TDM projects and enable the flow for tester.

**Testers** can access the ARD Flows that the TDE enabled for them. The ARD Flows are displayed as forms to testers in the Self-Service Catalog section of the Portal. **Testers** can then consume the ARD Flows (as a form**) to find and reserve the data** for their specific test cases.

The following procedures explain you how to use **CA TDM** and **CA ARD together** to define test data requirements, design the visual flows using ARD, and enabling these ARD flows to tester self-service in the TDM Portal.

* [Test Matching and Re-Matching](https://docops.ca.com/ca-test-data-manager/4-1/en/provisioning-test-data/configure-test-data-reservation-service/configure-form-based-test-data-reservation-service/test-matching-and-re-matching)
* [Test Matching HP ALM Integration](https://docops.ca.com/ca-test-data-manager/4-1/en/provisioning-test-data/configure-test-data-reservation-service/configure-form-based-test-data-reservation-service/test-matching-hp-alm-integration)
* [Test Matching Rally Integration](https://docops.ca.com/ca-test-data-manager/4-1/en/provisioning-test-data/configure-test-data-reservation-service/configure-form-based-test-data-reservation-service/test-matching-rally-integration)