

Dynamics 365 Telco Accelerator

Installation Guide

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# Option 1 – Use Package Deployer to Install All Solutions

## Step 1: Acquire Perquisite Files

* To import using the Package Deployer, you’ll need to download Package Deployer Tool and the following package deployer package file:
  + Package Deployer Tool
    - Go to <https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/download-tools-nuget>
    - Click the NuGet package link for the Package Deployer tool
    - Follow directions to download the Package Deployer tool via Package Manager
  + Package Deployer file (PackageDeployer\_TelcoAccelerator.zip)
    - **Note**: Unblock the downloaded zip file by right-clicking on the zip file.

## Step 2: Install Telco Accelerator using Package Deployer

* Use the below command script to import the solutions using package deployer:

PackageDeployer.exe /Settings:"TelcoAnchor=true|TelcoCommonCDM=true|TelcoSalesCDM=true|TelcoApps=true|TelcoSalesApps=true|TelcoPlantMaintenanceCDM=true|TelcoPlantMaintenanceApps=true|SkipSampleData=false"

* + Expected Result: Import should be successful and have green checkmarks for every step and install following solutions.
    - Telco Anchor Solution (TelcoAnchor\_managed.zip)
    - Telco Common CDM Solution (TelcoCommonCDM\_managed.zip)
    - Telco Sales CDM Solution (TelcoSalesCDM\_managed.zip)
    - Telco Apps Solution (TelcoApps\_managed.zip)
    - Telco Sales Apps Solution (TelcoSalesApps\_managed.zip)
    - Telco Plant Maintenance CDM (TelcoPlantMaintenanceCDM\_managed.zip)
    - Telco Plant Maintenance Apps (TelcoPlantMaintenanceApps\_managed.zip)
    - Telco Sample Data (TelcoPlaceManagement\_DefaultData.zip)
* Install Plant Maintenance and Sales Data by following [below mentioned steps](#_Import_Sample_Data).
* **Note**: The [Dynamics 365 Sales Enterprise App](https://docs.microsoft.com/en-us/dynamics365/sales-enterprise/set-up-dynamics-365-sales) is required to be installed/enabled for the import of Telco Sales Solutions, you can mark TelcoSalesCDM=false and TelcoSalesApps=false in the above command to skip Telco Sales solutions

# Option 2: Import Solutions Manually

## Step 1: Acquire Prerequisite Files

* To import the Main Solutions, acquire the following managed solution files:
  + Telco Anchor Solution (TelcoAnchor\_managed.zip)
  + Telco Common CDM Solution (TelcoCommonCDM\_managed.zip)
  + Telco Sales CDM Solution (TelcoSalesCDM\_managed.zip)
  + Telco Apps Solution (TelcoApps\_managed.zip)
  + Telco Sales Apps Solution (TelcoSalesApps\_managed.zip)
  + Telco Plant Maintenance CDM (TelcoPlantMaintenanceCDM\_managed.zip)
  + Telco Plant Maintenance Apps (TelcoPlantMaintenanceApps\_managed.zip)
  + Telco Place Management Sample Data Package (TelcoPlaceManagement\_DefaultData.zip)
  + Telco Sales Sample Data (TelcoSalesSampleData\_DefaultData.zip)
  + Telco Plant Maintenance Sample Data (TelcoPlantMaintenanceSampleData\_DefaultData.zip)
* **Note**: The [Dynamics 365 Sales Enterprise App](https://docs.microsoft.com/en-us/dynamics365/sales-enterprise/set-up-dynamics-365-sales) is required to be installed / enabled for the import of Telco Solutions

## Step 2: Perform the following main solution installs

**Solutions must be installed in the following order:**

\*To import, follow steps in the reference section for “Manually Import Solutions” section below.

#### Telco Anchor Solution (TelcoAnchor\_managed.zip)

* + - Time to complete – 30 seconds to 2 minutes
    - Post installation message

Graphical user interface, application

Description automatically generated

#### Telco Common CDM Solution (TelcoCommonCDM\_managed.zip)

* + - Time to complete – 2 to 6 minutes
    - Post installation message

Graphical user interface, application

Description automatically generated

#### Telco Sales CDM Solution (TelcoSalesCDM\_managed.zip)

* + - Time to complete – 1 to 3 minutes
    - Post installation message

Graphical user interface, application

Description automatically generated

#### Telco Apps Solution (TelcoApps\_managed.zip)

* + - Time to complete – 1 to 3 minutes
    - Post installation message

Graphical user interface, application

Description automatically generated

#### Telco Sales Apps Solution (TelcoSalesApps\_managed.zip)

* + - Time to complete – 1 to 3 minutes
    - Post installation message

Graphical user interface, application

Description automatically generated

#### Telco Plant Maintenance CDM Solution (TelcoPlantMaintenanceCDM \_managed.zip)

* + - Time to complete – 1 to 3 minutes
    - Post installation message

Graphical user interface, application, Word

Description automatically generated

#### Telco Plant Maintenance Apps Solution (TelcoPlantMaintenanceApps \_managed.zip)

* + - Time to complete – 1 to 3 minutes
    - Post installation message

Graphical user interface, text, application

Description automatically generated

#### Import Sample Data – Place Management Default Data

1. [Acquire Package Deployer File](#_Acquiring_Package_Deployer)
2. Download *PackageDeployer\_TelcoAccelerator* file

**Note**: Unblock the downloaded zip file by right-clicking on the zip file

1. Use the below command script to import the solutions using package deployer:

PackageDeployer.exe /Settings:"SkipSampleData=false"

Graphical user interface, text, application

Description automatically generated

#### Import Sample Data – Sales Default Data

1. [Acquire Package Deployer File](#_Acquiring_Package_Deployer)
2. Download *PackageDeployer\_TelcoSalesSampleData.zip* file

**Note**: Unblock the downloaded zip file by right-clicking on the zip file

1. Execute Packagedeployer.exe.

Graphical user interface, text, application, email

Description automatically generated

#### Import Sample Data – Plant Maintenance Default Data

1. [Acquire Package Deployer File](#_Acquiring_Package_Deployer)
2. Download *PackageDeployer\_TelcoPlantMaintenanceSampleData.zip* file

**Note**: Unblock the downloaded zip file by right-clicking on the zip file

1. Execute Packagedeployer.exe.

Graphical user interface, text, application, email

Description automatically generated

## Step 3: Turn on Flows

**Follow below steps for each flow in individual solutions mentioned in table below:**

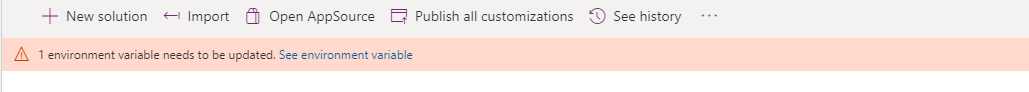
* Go to Solution, search for Flow, and click to open it.
* Click “Edit” button.
* Add in missing Connections by signing in.
* Click Save.
* Activate Flow by clicking on “Turn on”.

|  |  |
| --- | --- |
| **Solution name** | **Flow Name** |
| Telco Plant Maintenance Apps | FL -> Auto Create Maintenance Activities for Network Resources |
| Telco Plant Maintenance Apps | FL -> Create Maintenance Activities for Network Resource based on Maintenance Plans |
| Telco Plant Maintenance Apps | FL -> Update Last Maintenance Activity Date on Network Resource |
| Telco Plant Maintenance Apps | FL -> Update Next Scheduled Maintenance Activity Date on Network Resource |

# Post Install Configuration

## Setup Azure Maps Subscription Key

* + Use Azure Portal to manage your Azure Maps account by following [these](https://docs.microsoft.com/en-us/azure/azure-maps/how-to-manage-account-keys) directions and acquire a subscription key.
  + Once the Azure Maps account is created, you will need to set the pricing tier to Standard S1 by following [these](https://docs.microsoft.com/en-us/azure/azure-maps/how-to-manage-pricing-tier) directions. **(If this step is skipped, polygon visuals will not work in the telco apps solution).**
  + Update environment variable “**mstelco\_AzureMapsSubscriptionKey**” with above key
    - Go to make.powerapps.com
    - Ensure you are in the environment where you have installed Telco Accelerator Solutions
    - Go to Solutions
    - Click and open the notification to enter value for environment variable.



* + - Select Environment Variable named “**mstelco\_AzureMapsSubscriptionKey**”
    - Input the Subscription Key in the Popup and Select Save

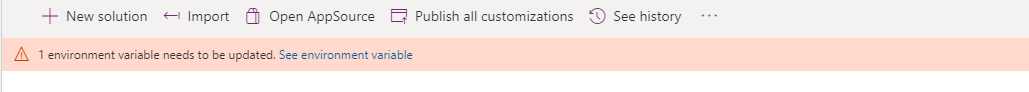
## Share Embedded Canvas Apps

The Telco Model Driven Apps uses embedded canvas apps to enhance the user experience for certain use cases. You will need to take steps to ensure that all users that have access to the model-driven form also have access to the canvas app. Please refer to the following [guidelines](https://docs.microsoft.com/en-us/powerapps/maker/model-driven-apps/share-embedded-canvas-app) to share the following canvas apps to the users.

* + - Find Geo Address
    - Lead Serviceability Check

## Update Environment Variables required for Plant Maintenance Flows:

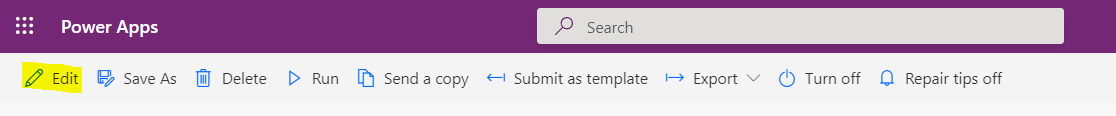
* + 1. Go to make.powerapps.com
    2. Ensure you are in the environment where you have installed Telco Accelerator Solutions
    3. Go to Solutions
    4. Click and open the notification to enter value for environment variable.



* + 1. Input the Value for below 2 environment variable and Select Save
       1. **mstelco\_ScheduleMaintenanceActivities\_MaxDaysInAdvance**
       2. **mstelco\_ScheduleMaintenanceActivities\_MaxOccurernceInAdvance**

## Change Scheduling of Auto Create Maintenance Activity Flow.

* + 1. Go to make.powerapps.com
    2. Ensure you are in the environment where you have installed Telco Accelerator Solutions.
    3. Go to Solutions
    4. Click and Open Plant Maintenance Apps Solution
    5. Click and select “FL -> Auto Create Maintenance Activities for Network Resources” Cloud Flow.
    6. Click on Edit button in command bar



* + 1. Select Recurrence step and click on Edit.

Graphical user interface, application

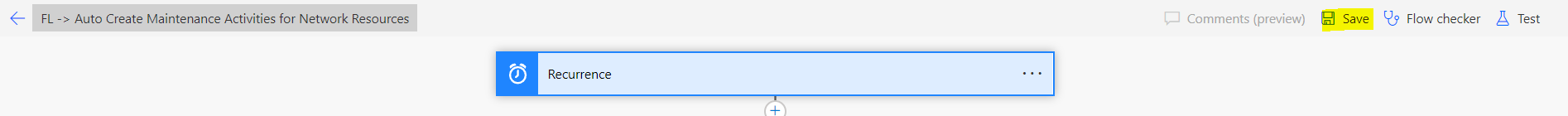
Description automatically generated

* + 1. Update as per requirement.

Graphical user interface, text, application, email

Description automatically generated

* + 1. Click on Save.



# References

## Manually Importing Solutions

To manually import a main solution:

1. Navigate to <https://make.powerapps.com/home> > Select your Environment > Click Solutions in left-hand Navigation
2. Click Import button in ribbon
3. Click Choose File button and select managed solution zip file

Graphical user interface, text, application

Description automatically generated

1. Click Open button
2. Click Next through all steps and then Import

**\*Note:** Some imports may take up to an hour to install

## Acquiring Configuration Migration tool

1. Navigate [here](https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/download-tools-nuget) to acquire the Configuration Migration tool
2. Click the NuGet package link for the Configuration Migration Tool
3. Follow directions to download the Configuration Migration tool via Package Manager

## Importing data with Configuration Migration Tool

To Import an additional solution using the Configuration Migration Tool:

1. Open Configuration migration tool
   1. Select “Import Data”.
   2. Connect to the org to import the data to the environment of your choice.
   3. Select the appropriate data zip file.
   4. Perform the import.

## Acquiring Package Deployer tool

To import using the Package Deployer, you’ll need to download the Package Deployer Tool and the following package deployer package file:

* + Package Deployer Tool
    - Go to <https://docs.microsoft.com/en-us/powerapps/developer/common-data-service/download-tools-nuget>
    - Click the NuGet package link for the Package Deployer tool
    - Follow directions to download the Package Deployer tool via Package Manager