HEXAGON
PPM

MCT Brattberg 3D CAD library

Guideline for Intergraph Smart 3D

December 19, 2024

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Contents

Introduction

The Admin Instructions for MCTBrattberg_Delivery(19-12-2024) package is designed to work with Intergraph® Smart 3D (Smart 3D) v13.1 and above. For best results, users should install the latest Smart 3D Hot Fix.

Users with current Smart 3D maintenance are encouraged to visit Intergraph® Smart Support for more information and to access the following:

- Service Requests (Reference your maintenance agreement for Support hours.)
- Knowledge Base
- Technical Tips
- Compatibility Matrices
- Downloads
- Product Announcements
- Service Packs and Fixes
- Technical Notes and Whitepapers
- Freeware Tools and Utilities
- Documentation
- Support Email Notification Subscription

Prerequisites

Please download the MCT Brattberg package from the Below OneDrive Link.

Installation Steps

The following subsections describe the library, software and file installation for use of the MCT Brattberg Cable & Pipe transits

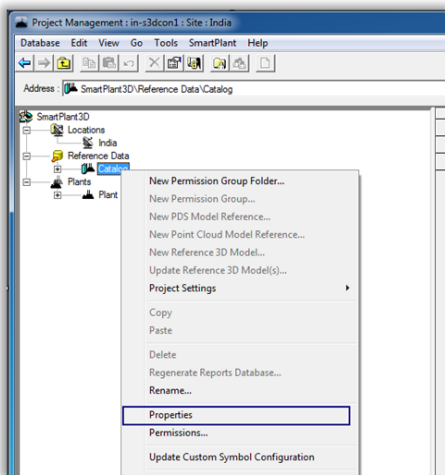Smart 3D Version: Smart 3D v13.1

Load DLLs and XLS Files

Deliver the DLLs and XML files to the symbol share of your Smart 3D server. The XLS files can be placed in any folder; the folders suggested in the following step-by-step instructions are the Smart 3D default folders.

Complete the steps in the following subsections to load the DLLs and XLS files for the MCTBrattberg_Delivery(19-12-2024) package.
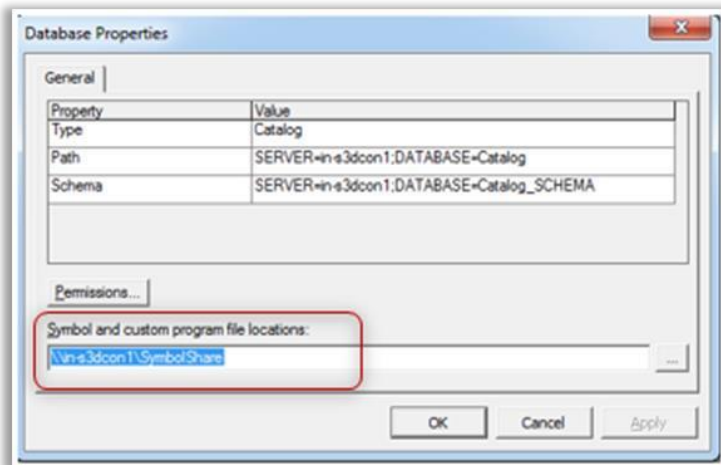
Identify the Active Symbol Share

Load the delivery package in the active symbol share. Complete the following steps to determine the active symbol share name path:
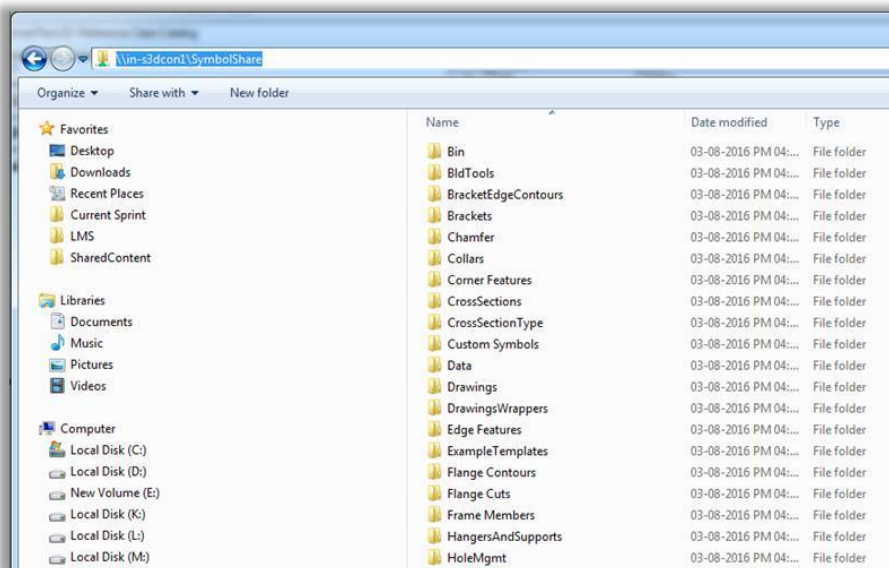
1. Open Project Management and select the Catalog database in which the package is to be loaded.
2. To view the symbol share name in Smart 3D:
   a. Right click the Catalog Name and select **Properties**.

   b. The **Database Properties** dialog box will be open. Copy the location shown in **Symbol and custom program file locations** field.
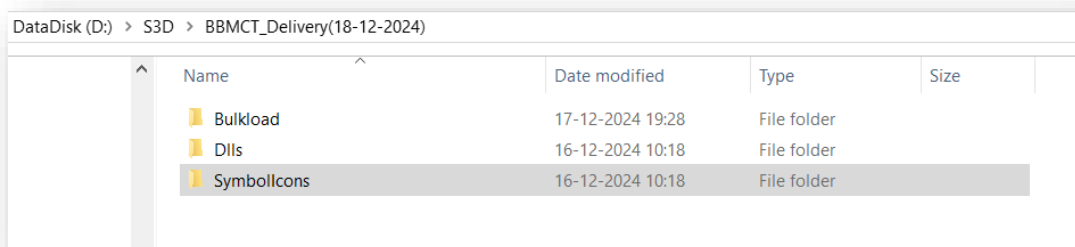
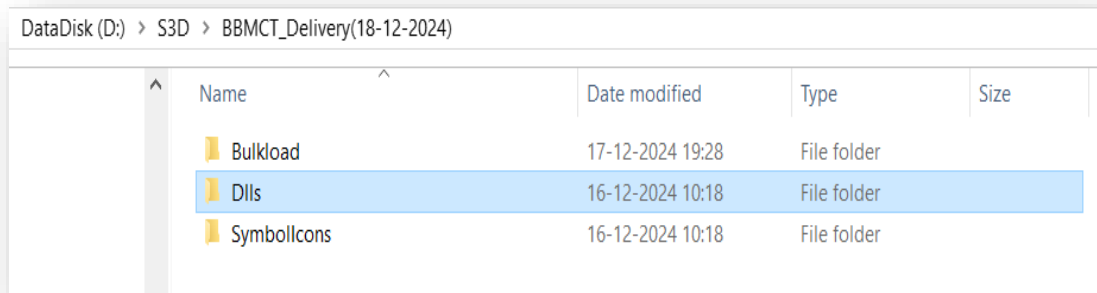c. Open Windows/File explorer and paste the copied location in the Address bar to open the active symbol share folder.

Copy the Symbol Icons

Copy the **image files** from the MCTBrattberg_Delivery(19-12-2024)\SymbolIcons\ to your <Symbol share Directory>\SymbolIcons\ folder.
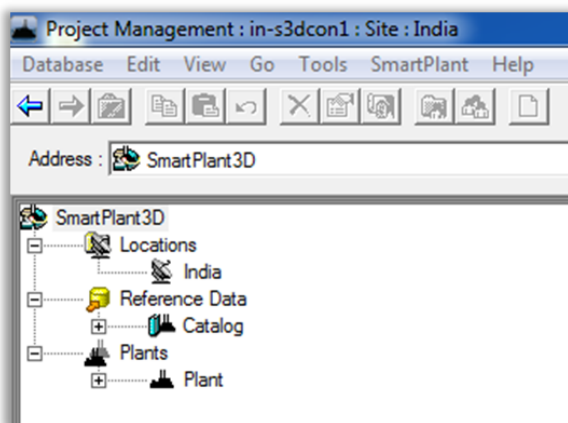
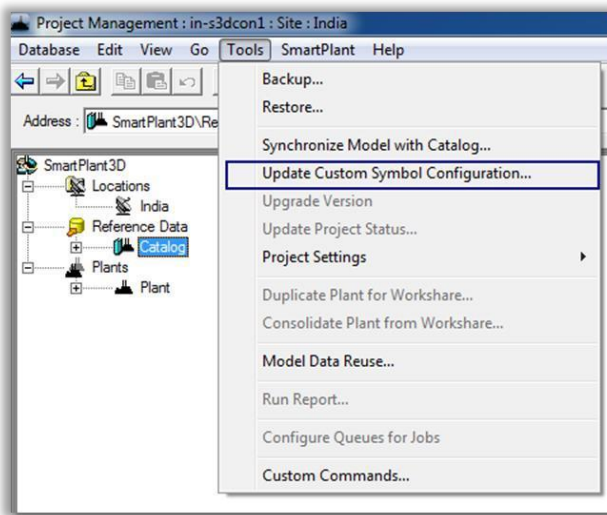## Copy the DLLs

1. Copy the **dlls** from the MCTBrattberg_Delivery(19-12-2024)\DLLs\ folder to your <Symbol share Directory>\ CustomSymbols folder.

2. Update the dll system through the **Project Management** environment by selecting the Smart 3D Catalog database as shown below:

3. Go to Tools and select Update Custom Symbol Configuration.

4. The following message indicates that all the newly placed dlls have been updated.
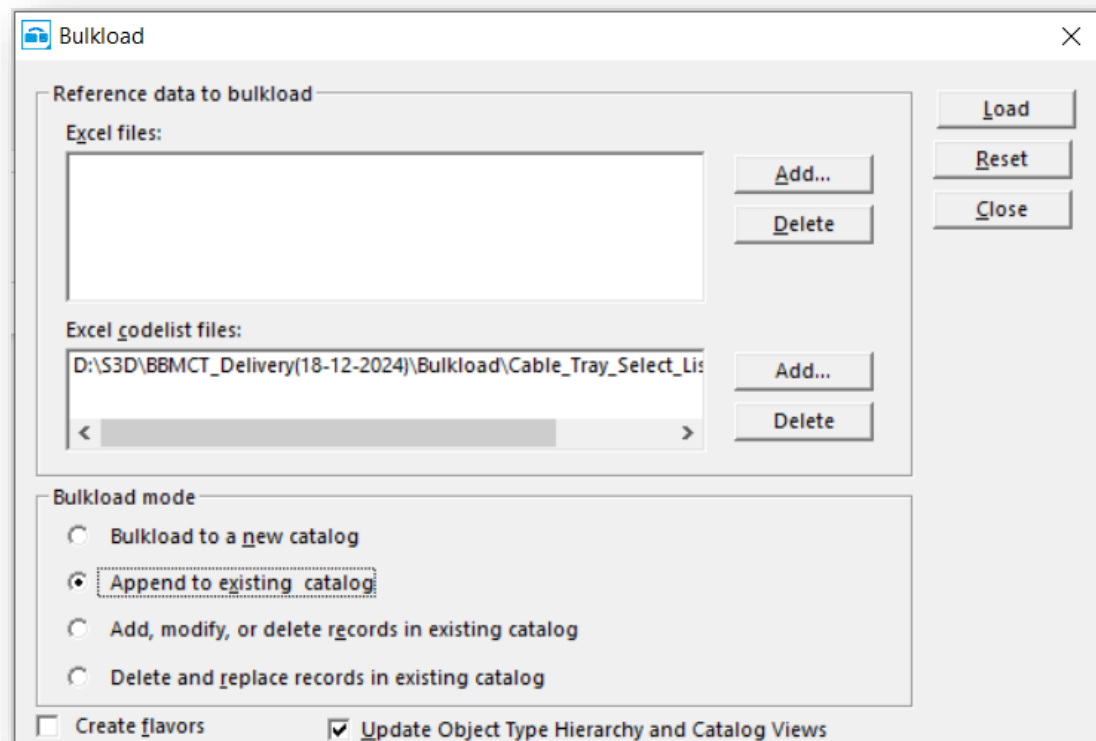

5. Click **OK**.

Bulkload Microsoft® Excel® Workbooks for Catalog

To New Catalog

1. Using the **Append to existing catalog** function, bulkload the following "Cable_Tray_Select_Lists_CodeList.xls " Excel workbook from the MCTBrattberg_Delivery(19-12-2024)\Bulkload\Codelist

   Note: Bulkload warnings like Data already exists in the CodeList Table can be ignored.

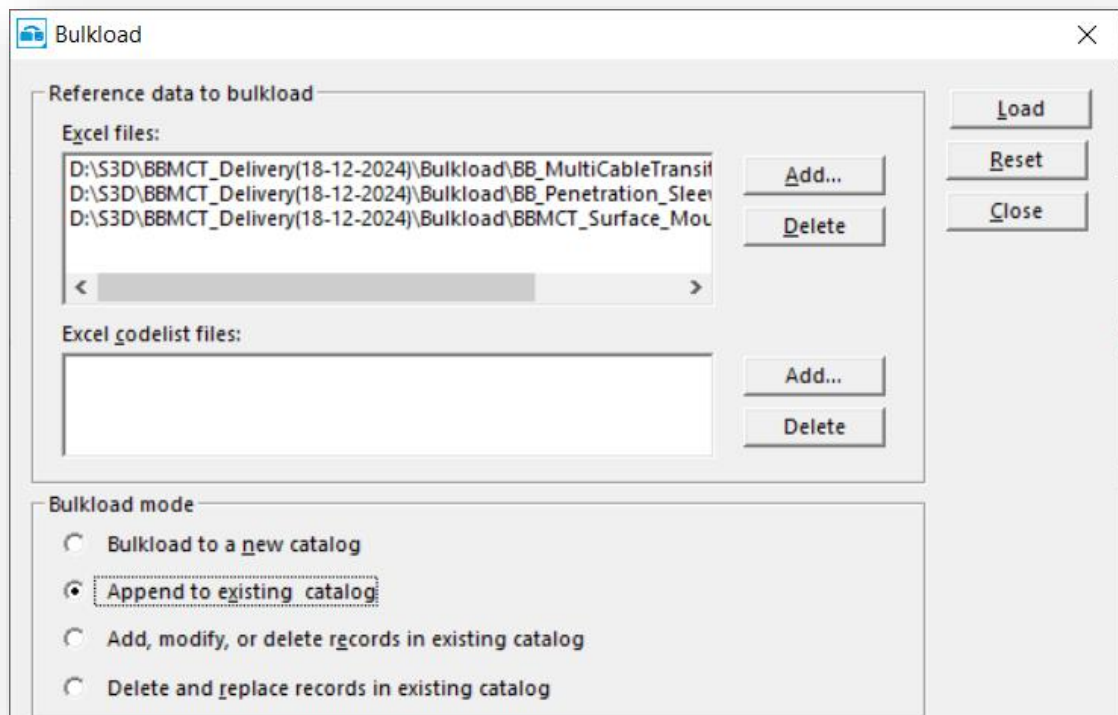| File Name to be Added	Location in the Bulkload Tool
Cable_Tray_Select_Lists_CodeList	Excel Codelist Files

2. Based on the requirement, bulkload one or all of the following Excel workbooks from the MCTBrattberg_Delivery(19-12-2024)\Bulkload\ using the **Append to existing catalog** function. The following image shows loading all the workbooks.

    Note: Bulkload warnings like cannot create object, Object already exists in the database and Unable to Create the PartClass, A PartClass already exists with the given name in the Database can be ignored. Also, warnings like PartClass length are exceeding 30 characters which will cause problem while converting database to Oracle is coming from the existing the package.

    Note: Bulkload the below files in given order. Specifications need to be loaded initially as shown below.

File Name to be Added	Location in the Bulkload Tool
BB_MultiCableTransit.xls	Excel Files
BB_Penetration_Sleeve.xls	Excel Files
BBMCT_Surface_Mounted_Pipe_Sleeve.xls	Excel Files