

Installing Continuous Move Planner (CMP)

1. Double click INS-CMP.EXE downloaded from Paradox's website to invoke the installation process.
2. When the installation process is done, you will be presented with an option to reboot the machine at that time or do it later. It is recommended to reboot the machine before you use CMP for the first time.
3. If you have any problems with installing CMP please email to support@paradoxsci.com or call our Technical Support at **855-472-7236 ext.2**.

Authorization Code

Before you can start using CMP, you will need to get an authorization code. To get the appropriate authorization code, use the following procedure.

1. Execute CMP to be prompted with the authorization dialog
2. Call **855-472-7236 ext.2** and get the authorization code. You can alternately email Code1 and Code2 to support@paradoxsci.com and leave the authorization dialog open until you receive the code.
3. Enter the authorization code in the dialog
4. Click on OK to start using CMP

CMP - Quick Tour

Execute CMP by double clicking the shortcut to CMP.EXE on your desktop

1. Upon execution, the application prompts user to either create a new project or open an existing project. Choose to *Open an existing Project*. Select the appropriate **Mapping** and **Calculation Libraries** when prompted. The libraries currently supported are PC*Miler and MapPoint.
2. The projects for the quick tour are in **X:\CMP\PROJECTS** (where X is the destination folder, chosen by the user during install and is **C:\Program Files** by default. Select **one of the .TRS** files available.
3. The first view that opens up is the view with a list of all Origin-Destination families (Loads).
 - a. Each Origin-Destination family has an Origin location, Destination location, Distance between the two locations, and a frequency (number of times the Load has to be run in a period of time).
 - b. The list of Loads can be sorted by the value of a field (ex: Distance) by clicking on the header field of the column that lists the values for that field.
 - c. Double clicking on a row will bring up a *Load information* dialog.
 - d. Clicking on *Next* and *Previous* buttons in this dialog will enable the user to traverse the list without having to close the dialog and double click on a particular Leg.
4. View parameters by selecting **Tools / Planning Parameters**.

5. Open the other views by selecting **Views / Continuous Moves**, **Views / Matched Legs**, **Views / Unmatched Legs**, and **Views / Empty Legs**.
6. Continuous Moves View lists all the truckload tours in a list view
 - a. The list of Moves can be sorted by the value of a field by clicking (ex: Loaded Distance) on the header field of the column that lists the values for that field.
 - b. Double clicking on a row will bring up a *Continuous Move information* dialog.
 - c. This dialog presents the statistics in first tab and the manifest in the second tab. The manifest lists all the loaded and empty legs the Tour is made up of in the order of their occurrence.
 - d. Clicking on *Next* and *Previous* buttons in this dialog will enable the user to traverse the list without having to close the dialog and double click on a particular Tour.
7. Unmatched Legs View lists all the Legs that cannot be put on Moves.
8. View statistics by selecting **Data / Summary Statistics** or by clicking on the graph toolbar button
9. Define parameters (refer to 4) as required
10. Select **Solve / Continuous Moves / Deconstruct Moves** to initialize the problem
11. Run the solver (**Solve / Continuous Moves / Build Moves or Build Network** based on the type of project)
12. View statistics (refer to 8) for this solution. All the open views are refreshed to reflect the new solution.

Working with the Demo Projects

There are three demo projects in the **PROJECTS** folder under the destination folder (CMP by default).

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1. *Network Model v3.TRS* - Project created to identify patterns of lane matches for truckload moves executed over several months. This is an example for strategic use of CMP to evaluate potential matches for historic truckload moves to recognize patterns and reduce empty miles in future.
2. *TL_Operations_No_Domiciles_1_Week_Matching.TRS* - Project created to evaluate matches for a set of truckload moves to be executed over a week with all the operating parameters (pickup and delivery dates and times, service restrictions, DOT regulations etc.). Carrier for this data did not maintain domiciles.
3. *TL_Operations_Domiciles_2_Weeks_Matching_Scheduling.TRS* - Project created to evaluate matches for a set of truckload moves to be executed over a week with all the operating parameters (pickup and delivery dates and times, service restrictions, DOT regulations etc.). Carrier for this data maintained domiciles where the tours originated and concluded. Project contains resource schedules for these domiciles to execute the tours.

4. *Backhaul Matching Model v2.TRS* - Project created to evaluate matches for a set of closed loop routes with available backhaul moves to be executed over a short period of time with all the operating parameters (pickup and delivery dates and times, service restrictions, DOT regulations etc.).

Help Files

The user manual and import/export specification files can be found in the **HELP** folder under the destination folder (CMP by default).