

Installing CMP 8.0

1. Double click on INS-CMP.EXE downloaded from Paradox's website to invoke the installation process.
2. Follow the instructions to complete installation. When presented with an option to reboot the machine, at the end of installation, choose to reboot the machine before you use the CMP 8.0 application for the first time.

If you have any problems with installing CMP 8.0 please email to support@paradoxsci.com or call us at 305-975-1717.

Authorization Key

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

1. Execute CMP to be prompted with the authorization dialog
2. Call 305-975-1717 and get the authorization key
3. Enter the authorization key 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 (Legs)
 - a. Each Origin-Destination family has an Origin location, Destination location, Distance between the two locations, and a frequency (number of times the Leg has to be run in a period of time.
 - b. The list of Legs can be sorted by the value of a field (e.g., 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 *Leg 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 / Model Parameters**.

5. Open the other views by selecting **Views / Continuous Moves** and **Views / Unmatched Legs**.
6. *Continuous Moves* view lists all the truckload tours in a list view
 - a. The list of continuous moves can be sorted by the value of a field by clicking (e.g., 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 continuous 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 four demo projects in the **PROJECTS** folder under the destination folder (CMP by default).

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).