TapeManager
Quick Start for New Installations

For quick installation and use of the TapeManager system, follow these step-by-step instructions. If you have TapeManager license keys in a container file, be sure to install the keys first. See **Appendix A** for mounting the TapeManager ISO image (if one was provided to you) on a Unisys MCP System.

1. Unwrap all files from the released container file. This might have a name like "TAPEMANAGER_9.069Z.CON". It might be best to rename the file to something shorter. Change this to a name like "TMREL69Z.CON". Before unwrapping the necessary files, be sure all DSI TapeManager software keys are installed, or the necessary files may not be unwrapped. These files may reside on the Halt/Load unit or any other family. These files may also be placed under a usercode,
   e.g. **UNWRAP *= AS (TM)= OUTOF (TM)"TMRELZ.CON" TO WORK(PACK,RESTRICTED=FALSE)**.

2. Start the install file example that was just unwrapped with these parameters:
   e.g. **START (TM)ALL/EXAMPLE/WFL/INSTALL("TMFAM","TM","TMFAM","AUTO") ON TMFAM**
   "TM", and "TMFAM" are examples. Any names can be used.
   This program will issue a number of system commands to install the TapeManager software.

3. To activate the TapeManager system issue the following command at the operator's console (ODT): **SEND TM START**. (Note: If you use another tape management system such as B&L Associates please follow their instructions instead.)

   The first time that the TapeManager is activated there will be a waiting entry with a message that it can not find the TapeManager database. Enter the following to cause a new database to be created: **<TapeManager mix #>AX OF**.

4. If access to the TapeManager is desired from the MARC command line then enter the following command from the command line of a MARC session:
   DIRECTIVE + TM = *SYSTEM/DSISUPPORT ON DISK:SYSTEM

   If the software was loaded under a usercode or to a family other than DISK those parts of this command need to be changed to reflect the file location.

5. If access to the TapeManager Utility is desired as a COMS window, then access the COMS UTILITY window and create a Program entity and a Window entity for the TapeManager

Utility. The utility should be defined as a single user, remote file program. (See the ClearPath MCP Communications Management System (COMS) Configuration Guide.)

6. From a CANDE or MARC session run the SYSTEM/TAPEMANAGER/UTILITY program and review or change the CONFIGuration settings for your site. This step is not strictly necessary as the TapeManager will initialize with a default configuration, but it is a good idea to review the various options to match your sites needs.

7. Finally verify that the TapeManager is active and communicating by entering a command at the console such as **TM STATUS**. You will see the message UNRECOGNIZED REQUEST (which is normal due to the way the TapeManager gets console messages) followed by a response by the TapeManager to the console. (You may eliminate this by **TM CONFIG OPER SUPPRESS=TRUE**.)

The TapeManager is now activated. It will automatically collect information about tapes that are seen on the ClearPath MCP system. If you wish to quickly get the tapes in your library into the database, mount each tape on a tape unit and do a tape directory (**TDIR**). This will cause a record to be created in the database for those tapes.

Appendix A – Mounting a TapeManager ISO image on a ClearPath MCP Software Series

The TapeManager software can be sent as an ISO image. You may need to access a CD or DVD from the MCP environment even if your system has no optical drive. This is true for the TAPEMANAGER.ISO image that can be provided with DSI software.

1. Copy the TAPEMANAGER.ISO file to the Windows environment of your ClearPath MCP Software Series system.
2. Install virtual disk drive software on the Windows environment of your ClearPath MCP Software Series system (this could be something like Virtual CloneDrive™).

Note:	*DSI does not provide or support any third-party virtual disk drive software.*

3. Create a virtual DVD-ROM drive and mount the .ISO image.

Note:	*If your ISO image is in the MCP Library Maintenance format, it will not appear in Windows Explorer as Windows does not recognize the format, but it is still usable.*

   a. Using the MCP Console, start the System Editor and bring up the Active PCD.

   The PCD Resources pane should display the new virtual DVD drive.

   b. Mark this device for MCP use and change its device number, if desired.

   c. Save the PCD.

   d. The mounted ISO image becomes available as a read-only DVD-ROM drive.

   e. Before accessing the drive from the MCP environment, you must issue the ODT commands **ACQUIRE CHAN <channel number>** and **ACQUIRE CD <*unit number*>** where <unit number> is the unit number of the virtual DVD-ROM drive. Both of these items (the Channel and CD numbers) were in the PCD but an MCP message will display the details. Check the log around the time you added the CD to the PCD. You should see something like:

```
15:57:58        5391 MSRX27:Channel 21200 added (in freed state).
15:57:58        5391 MSRX25:Unit CD1200  added (in freed state) to new channel.
15:57:58           9 MSRPREFMT43:PCD modified: Tues, Nov 7, 2017 13:57:56
```

   f. In this case you would **ACQUIRE CHAN 21200** and then **ACQUIRE CD 1200**.

Now you are ready to copy files from the TAPEMANAGER.ISO file that will already be mounted. From the ODT you should see the CD after entering the **PER CD** command:

PER CD

---------- CD STATUS ----------

1200 K #1 TAPEMANAGER (Library Maintenance Format)

Note: There are multiple files that are keyed (shown here as K) on this image. The keys file needs to be added to the system in order to copy those files.