Repository Reports

There are several ways to export the current status of Inventory based on Repository data from TapeTrack using:

- TapeMaster
- Lite
- Command Line programs

Which method suits your requirement depends on the information required in the report, as well as frequency the reports are required.

TapeMaster and Lite allows dynamic creation of Repository reports that have variable output or on demand requirements.

Repository reports that are required on a regular basis can be created using TMSS10ListRepositories that can then be saved to file, emailed and/or uploaded to the TapeTrack Server allowing clients to download (TapeMaster, Lite or TMSS10DownloadFile) without the need to create the reports themselves.

Desktop Programs Repository Reports

TapeMaster Repository Reports

TapeMaster allows you to export to report one Customers Media type at a time via the Inventory window or all Customers and Media types using the Volume Global View function.

Using the Volume Global View function has an added advantage of being able to dynamically filter the data using Customer-ID, Media-ID, Volume-ID, Location, Flags, Move Dates, last User interaction and last Program Interaction before exporting results to a report.

Examples

TapeMaster Repository Report

To export report from the TapeMaster Inventory window, filter the displayed Volumes by filtering the Current and/or Target Repository, Select the required volumes, right-click highlighted volumes and press Ctrl+E, or right-click and select `Export`. Select the required report format (Text, HTML, PDF (Portrait or Landscape) or CSV) from the popup window and click OK.

```
            System: TapeTrack
 Report Description: Volume List
       Report Notes: Nashville Data Center / LTO Cartridge
    Production Time: Thursday, March 14, 2019 - 10:41:22 (AUS Eastern
Daylight Time)
```

```
       Report Width: 107 bytes

ID       Current Location Target Location Flags Move Time Due in
Container  Next Move Description
-------- ---------------- --------------- ----- --------- ----------- ------
---- --------- ---------------
000004L5 Library                          CnN             Unspecified
Unassigned Permanent Friday Backup
000005L5 Library                          CnN             Unspecified
Unassigned Permanent Friday Backup
000005L6 Library                          CEhnN           Unspecified
Unassigned Permanent Monthly January
000006L6 Library                          CEhnN           Unspecified
Unassigned Permanent Weekly
000009L5 Library                          CEnNt           Unspecified
Unassigned Permanent Friday Backup
-------- ---------------- --------------- ----- --------- ----------- ------
---- --------- ---------------
```

TapeMaster Volume Global View Repository Report

To export reports from the Volume Global View, from the main menu select `Tools` → `Volume Global View`. From the popup, if required, enter any filters (including extended Attribute) to narrow down the displayed results and click OK.

Filter the displayed Volumes using the Current and/or Target Repository columns.

Select the required Volumes and press Ctrl+E, or right-click and select `Export`. Select the required report format (Text, HTML, PDF (Portrait or Landscape) or CSV) from the popup window and click OK.

```
            System: TapeTrack
 Report Description: Export
    Production Time: Thursday, March 14, 2019 - 10:37:48 (AUS Eastern
Daylight Time)
       Report Width: 214 bytes

Volume     Description          ID   Customer              ID  Media
ID   Repository Flags Next Move Last Move              Expiry    Last Write
Last Update - Time  Last Update - User Last Update - Program
---------- -------------------- ---- -------------------- --- ------------
---- ---------- ----- --------- -------------------- --------- ----------
------------------ ----------------- --------------------
000002L5   Weekly               US04 Nashville Data Center LTO LTO Cartridge
LIBR Library    CMnN  Permanent 2019-02-08 (-34 days)  Permanent Never
2019-02-08 13:53:41 doco              TapeTrack TapeMaster
000004L5   Friday Backup        US04 Nashville Data Center LTO LTO Cartridge
LIBR Library    CnN   Permanent 2018-08-14 (-212 days) Permanent Never
2018-08-14 12:18:37 doco              TapeTrack TapeMaster
000005L5   Friday Backup        US04 Nashville Data Center LTO LTO Cartridge
```

```
LIBR Library    CnN   Permanent 2018-08-14 (-212 days) Permanent Never
2018-08-14 12:18:37 doco              TapeTrack TapeMaster
000009L5   Friday Backup        US04 Nashville Data Center LTO LTO Cartridge
LIBR Library    CEnNt Permanent 2018-06-29 (-258 days) Permanent Never
2019-03-04 10:04:01 doco              TapeTrack TapeMaster
000012L5   Weekly              US04 Nashville Data Center LTO LTO Cartridge
LIBR Library    CnNt  Permanent 2018-08-13 (-213 days) Permanent Never
2018-08-14 12:18:49 doco              TapeTrack TapeMaster
---------- -------------------- ---- -------------------- --- -------------
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```

Command Line Repository Reports

TMSS10ListRepositories creates a report listing the current status of each Repository including capacity, usage, incoming Volumes, outgoing Volumes and assigned Slots.

Batch File Or Command Line Input TMSS10ListRepositories

```
TMSS10ListRepositories -S user:-password@server > report.txt
```

Text File Output

```
             System: TapeTrack
 Report Description: Repository Listing
    Production Time: Thursday, March 14, 2019 - 10:54:44 (AUS Eastern
Daylight Time)
       Report Width: 124 bytes

 ID   Description          ID   Description          ID   Description
Capacity Usage    Incoming Outgoing Assigned
 ---- -------------------- ---- -------------------- ---- ----------------
--- -------- -------- -------- -------- --------
 US04 Nashville Data Center LTO  LTO Cartridge        DEST
0        0        0        0        0
 US04 Nashville Data Center LTO  LTO Cartridge        LIBR Library
0        5        1        0        0
 US04 Nashville Data Center LTO  LTO Cartridge        OFFS Offsite Vault
0       24        0        5        9
 US04 Nashville Data Center LTO  LTO Cartridge        SCRA Scratch Volumes
0        6        0        2        0
 US04 Nashville Data Center LTO  LTO Cartridge        TEMP L5 GemTrac
0        4        6        0        0
 ---- -------------------- ---- -------------------- ---- ----------------
--- -------- -------- -------- -------- --------
                                                         Totals
```

```
0       39        7        7        9
 ---- -------------------- ---- -------------------- ---- ----------------
--- -------- -------- -------- -------- --------
```

To limit the report to one Customer-ID, Media-ID, Repository-ID or a combination of these values use the Volume filter (-V).

Only show results from Customer-ID US04

```
TMSS10ListRepositories -S user:-password@server -V "US04.*.*" > report.txt
```

Only show results for Repository OFFS.

```
TMSS10ListRepositories -S user:-password@server -V "*.*.*@OFFS" > report.txt
```

Only show results from Customer-ID US04, Media-ID LTO and Repository OFFS

```
TMSS10ListRepositories -S user:-password@server -V "US04.LTO.*@OFFS" >
report.txt
```

TMSS10MoveList creates a report listing Volumes that are currently moving into or out of displayed Repositories and a total of moving Volumes for each Repository.

Batch File Or Command Line Input TMSS10MoveList

```
TMSS10MoveList -S user:-password@server > report.txt
```

Text File Output

```
             System: TapeTrack
 Report Description: Moving Volumes List
       Report Notes: Customer(Nashville Data Center) Media Type(LTO
Cartridge)
    Production Time: Thursday, March 14, 2019 - 11:22:23 (AUS Eastern
Daylight Time)
       Report Width: 190 bytes

 Seq.   Barcode              Current Location              Target Location
Move Time        Time            Container            Attribute
 ------ -------------------- ------------------------------ ----------------
-------------- --------------- -------------- -------------------- -------
-------------------------------------
      1 US04.LTO.000001L3    Offsite Vault                 Library
2019-03-14 11:15           M6:44                       Monthly April
      2 US04.LTO.000001L5    Offsite Vault                 Library
2019-03-14 11:15           M6:45                       Friday Backup
```

```
      3 US04.LTO.000001L6    Library                          Offsite Vault
2019-03-14 11:15           M6:34
      4 US04.LTO.000002L5    Library                          Offsite Vault
2019-03-14 11:15           M6:34                         Weekly
 ------ -------------------- ------------------------------ ----------------
------------- --------------- -------------- -------------------- -------
-------------------------------------

             System: TapeTrack
 Report Description: Movement Directions Report
       Report Notes: Customer(Nashville Data Center) Media Type(LTO
Cartridge)
    Production Time: Thursday, March 14, 2019 - 11:22:24 (AUS Eastern
Daylight Time)
       Report Width: 54 bytes

 Current Repository   Target Repository    Total
 -------------------- -------------------- ----------
 Library              Offsite Vault                 2
 Offsite Vault        Library                       2
```

To limit report to only Volumes moving to the Repository OFFS

```
TMSS10MoveList -S user:-password@server -T "OFFS" > report.txt
```

To limit report to only Volumes moving from the Repository OFFS

```
TMSS10MoveList -S user:-password@server -C "OFFS" > report.txt
```

To limit report to only Volumes moving from the Repository OFFS to Repository “SCRA”

```
TMSS10MoveList -S user:-password@server -C "OFFS" -T "SCRA" > report.txt
```

To limit report to only Volumes moving from the Repository OFFS to Repository “SCRA” for Customer-ID US04 and Media-ID LTO

```
TMSS10MoveList -S user:-password@server -C "OFFS" -T "SCRA" -V "US04.LTO.*"
> report.txt
```

technote, reports, cli, tapemaster, lite

From:
https://docs.tapetrack.com/ - **TapeTrack Documentation**

Permanent link:
https://docs.tapetrack.com/technote/report/listrepositories?rev=1633307765

Last update: **2025/01/21 22:07**