Technote Reports - Inventory

There are several ways to export the current status of Inventory 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 Inventory reports that have variable output or on demand requirements.

Inventory reports that are required on a regular basis can be created using TMSS10Inventory 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 Inventory Reports

TapeMaster Inventory Reports

TapeMaster allows you to export to report one Customer's 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 Inventory Window Report

To export report from the TapeMaster Inventory window, select the required volumes, right click highlighted volumes and press Ctrl+E, or right click and select `Export`. Select the required report format from the popup window and click OK.

<sxh>

```
           System: TapeTrack
```

Report Description: Volume List

```
    Report Notes: Nashville Data Center / LTO Cartridge
Production Time: Thursday, March 14, 2019 - 09:45:40 (AUS Eastern Daylight
```

```
Time)
     Report Width: 119 bytes
```

ID Current Location Target Location Flags Move Time Due in Container Next Move Description ———- ——————- ——————- ——— ———- ——————- ———- ——— ——————– 000001L3 Offsite Vault ChnNO Unspecified Unassigned Permanent Monthly April 000001L5 L5 GemTrac CnN Unspecified Unassigned Permanent Friday Backup 000001L6 Offsite Vault CnO Unspecified Unassigned Permanent 000002L5 Offsite Vault Library CMnN D33:19:51:59 Unspecified Unassigned Permanent Weekly 000003L5 Scratch Volumes CnNZ Unspecified Unassigned Permanent Weekly ———- ——————- ——————- ——- ———- ——————- ———- ——— ——————– </sxh>

TapeMaster Volume Global View 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.

Select the required Volumes and press Ctrl+E, or right click and select `Export`. Select the required report format from the popup window and click OK.

<sxh>

```
           System: TapeTrack
```

Report Description: Export

```
  Production Time: Thursday, March 14, 2019 - 10:10:36 (AUS Eastern Daylight
Time)
     Report Width: 222 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 ———- ——————– —- ——————— —- ——————- —- ——————- ——- ——————- ——— ——————- ——————- ——————- ——————- ——————- 000001L5 Friday Backup US04 Nashville Data Center LTO LTO Cartridge TEMP L5 GemTrac CnN Permanent 2019-02-06 (-36 days) Permanent Never 2019-02-06 11:20:26 doco TapeTrack TapeMaster 000001L6 US04 Nashville Data Center LTO LTO Cartridge OFFS Offsite Vault CnO Permanent 2019-02-06 (-36 days) Permanent Never 2019-02-06 11:20:26 doco TapeTrack TapeMaster 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 000003L5 Weekly US04 Nashville Data Center LTO LTO Cartridge SCRA Scratch Volumes CnNZ Permanent 2019-02-06 (-36 days) Permanent Never 2019-02-06 11:19:44 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 ———- ——————– —- ——————— —- ——————- —- ——————- ——- ——————- ——— ——————- ——————- ——————- ——————- ——————- </sxh>

Lite Inventory Reports

Lite's Volume Management function displays Volumes from the selected Customer's Media type.

Required Volumes can be selected by range clicking (Shift+Click and Ctrl+Click) or select all Volumes by right clicking and `Select` → `All`.

Once the Volumes are selected, right click and select `Export` (or Ctrl+E) to export Inventory to chosen file format.

Command Line Inventory Reports

TMSS10Inventory produces an Inventory Report of all selected Volumes.

The Inventory report can be output in two modes:

- Mode 1 (default) will produce a report with the values: Sequence, Barcode, Location, Repository, Next Move, Days, Last Move, GDup (Global Duplicate), CDup (Customer Duplicate) and Container.
- Mode 2 will produce a report with the values: Sequence, Customer, Media, Total and Moving total.

Reports can be output in the file formats text, HTML, PDF (Portrait or Landscape) and CSV.

Examples

TMSS10Inventory Mode 1

Command Line Input - Text File

<sxh> TMSS10Inventory -S user:-password@server > report.txt </sxh>

Text File Output

<sxh>

```
           System: TapeTrack
```

Report Description: Inventory List

```
     Report Notes: Customer(Nashville Data Center) Media Type(LTO Cartridge)
  Production Time: Wednesday, February 06, 2019 - 11:38:28 (AUS Eastern
Daylight Time)
     Report Width: 195 bytes
```

Seq. Barcode Location Repository Expiry Next Move Last Move GDup CDup Container Attribute —— ——————— ———————— ———————— ———— ———— ———————— —— —— ———————

———————————— 1 US04.LTO.000001L3 No-Alloc [0] Offsite Vault 2018-08-15 10:53:59 1 1 Monthly April

```
    2 US04.LTO.000001L5    No-Alloc [0]                  L5 GemTrac
2019-02-06 11:20:17    5    1                       Friday Backup
    3 US04.LTO.000001L6    No-Alloc [0]                  Offsite Vault
2019-02-06 11:19:21    1    1
    4 US04.LTO.000002L5    No-Alloc [0]                  Offsite Vault
2019-02-06 11:19:21    5    1                       Weekly
    5 US04.LTO.000003L5    No-Alloc [0]                  Scratch Volumes
2019-02-06 11:19:40    5    1                       Weekly
    6 US04.LTO.000004L5    No-Alloc [0]                  Library
2018-08-14 12:18:33    5    1                       Friday Backup
    7 US04.LTO.000004L6    No-Alloc [0]                  Scratch Volumes
2019-02-06 11:19:40    2    1                       Weekly
    8 US04.LTO.000005L5    No-Alloc [0]                  Library
2018-08-14 12:18:33    5    1                       Friday Backup
    9 US04.LTO.000005L6    No-Alloc [0]                  Library
2018-08-10 09:35:26    2    1                       Monthly January
   10 US04.LTO.000006L5    No-Alloc [0]                  Scratch Volumes
2019-02-06 11:19:40    5    1                       Friday Backup
   11 US04.LTO.000006L6    No-Alloc [0]                  Library
2018-08-10 09:35:26    2    1                       Weekly
   12 US04.LTO.000007L5    No-Alloc [0]                  Scratch Volumes
2019-02-06 11:19:40    5    1                       Friday Backup
```

—— ———————— ———————————— ———————————— ————- ————- ———————- —- —- ———————- ————————

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Alternative Output Formats TMSS10Inventory Mode 1 Examples:
TMSS10Inventory Mode 1 PDF File Output
TMSS10Inventory Mode 1 Excel File Output
TMSS10Inventory Mode 1 HTML File Output

TMSS10Inventory Mode 2

Command Line Input - Text File

<sxh> TMSS10Inventory -S user:-password@server -M 2 </sxh>

Text File Output

<sxh>

```
           System: TapeTrack
```

Report Description: Volume Inventory Extract

```
  Production Time: Wednesday, February 06, 2019 - 12:03:25 (AUS Eastern
Daylight Time)
     Report Width: 92 bytes
```

Seq. Customer Media Total Moving —— ——————————————- ———————- ————- ————-

```
    1 Nashville Data Center                      LTO Cartridge
29          4
```

</sxh>

Alternative Output Formats TMSS10Inventory Mode 1 Examples:
TMSS10Inventory Mode 2 PDF File Output
TMSS10Inventory Mode 2 Excel File Output
TMSS10Inventory Mode 2 HTML File Output

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