

# Technote: Creating Reports

TapeTrack can produce reports two ways, through [Desktop](#) and [Command Line](#) programs.

## Report Output Options

Both the [Desktop](#) and [Command Line](#) Programs can produce reports in the file formats Text, HTML, PDF and CSV.

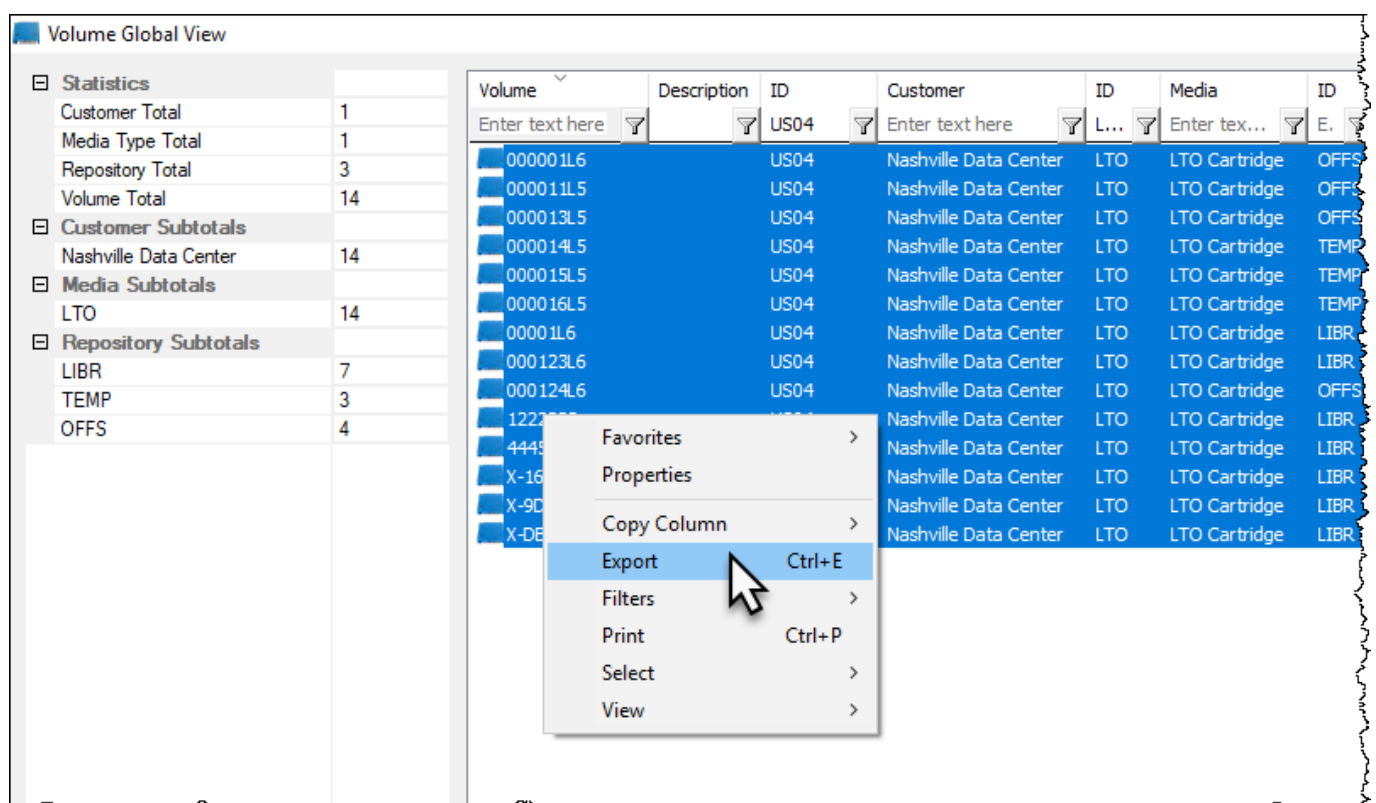
## Desktop Programs

Reports can be created through the [Desktop](#) programs by selecting and filtering data and then exporting to a report.

This allows a quick and efficient creation of reports on demand.

## TapeMaster Reports

Reports based over multiple [Customer-ID's](#) or [Media-ID's](#) can be produced through the [Volume Global View](#) function, of which results can be filtered down to required data and then exported to file. [Volume Global View](#) provides summary data on Customers, Media, Repository and volume totals displayed in the report, as well as [Volume](#) data including [Description](#), [Customer](#), [Media](#), [Repository](#), next and last move, expiry and last update details.



The screenshot displays the 'Volume Global View' window. On the left, there is a tree view with the following structure:

- Statistics
  - Customer Total: 1
  - Media Type Total: 1
  - Repository Total: 3
  - Volume Total: 14
- Customer Subtotals
  - Nashville Data Center: 14
- Media Subtotals
  - LTO: 14
- Repository Subtotals
  - LIBR: 7
  - TEMP: 3
  - OFFS: 4

The main table has the following columns: Volume, Description, ID, Customer, ID, Media, ID. The data rows are as follows:

Volume	Description	ID	Customer	ID	Media	ID
000001L6		US04	Nashville Data Center	LTO	LTO Cartridge	OFFS
000011L5		US04	Nashville Data Center	LTO	LTO Cartridge	OFFS
000013L5		US04	Nashville Data Center	LTO	LTO Cartridge	OFFS
000014L5		US04	Nashville Data Center	LTO	LTO Cartridge	TEMP
000015L5		US04	Nashville Data Center	LTO	LTO Cartridge	TEMP
000016L5		US04	Nashville Data Center	LTO	LTO Cartridge	TEMP
00001L6		US04	Nashville Data Center	LTO	LTO Cartridge	LIBR
000123L6		US04	Nashville Data Center	LTO	LTO Cartridge	LIBR
000124L6		US04	Nashville Data Center	LTO	LTO Cartridge	OFFS
12233333		US04	Nashville Data Center	LTO	LTO Cartridge	LIBR
44433333		US04	Nashville Data Center	LTO	LTO Cartridge	LIBR
X-16		US04	Nashville Data Center	LTO	LTO Cartridge	LIBR
X-9D		US04	Nashville Data Center	LTO	LTO Cartridge	LIBR
X-DE		US04	Nashville Data Center	LTO	LTO Cartridge	LIBR

A context menu is open over the table, with the 'Export' option highlighted. The menu items are: Favorites, Properties, Copy Column, Export (Ctrl+E), Filters, Print (Ctrl+P), Select, and View.

When reporting on individual [Media](#) types, the reports from the Inventory window provide options including:

Report	Description
<a href="#">Attributes</a>	Pie chart of <a href="#">Volumes</a> grouped by Attribute
<a href="#">Birthday</a>	Bar graph of <a href="#">Volume</a> birthdate or creation date
<a href="#">Expiry Date</a>	Bar graph of <a href="#">Volume</a> expiry dates
<a href="#">Last Audit Failure</a>	Bar graph of <a href="#">Volumes</a> last audit fail dates
<a href="#">Last Move Time</a>	Bar graph of selected <a href="#">Volumes</a> last move date and time.
<a href="#">Last Sync</a>	Bar graph of selected <a href="#">Volumes</a> last synchronization date
<a href="#">Last Write Time</a>	Bar graph of selected <a href="#">Volumes</a> last write time
<a href="#">Last Update Time</a>	Bar graph of selected <a href="#">Volumes</a> last update time and date.
<a href="#">Next Move</a>	Bar graph of selected <a href="#">Volumes</a> next move date
<a href="#">Generation Disbursement Table</a>	Table of selected <a href="#">Volumes</a> based on their Generation and current Scratch status
Health Table	
<a href="#">History Rewind</a>	Table of inventory of <a href="#">Volumes</a> based on a selected date, or differences in inventory between selected dates
<a href="#">History</a>	

## Lite Reports

Lite allows, through the [Volume Management](#) function, to view Inventory of a Customer's Media type, which can be filtered and exported (Ctrl+E) to file, including details of Volume-ID, Location, Next Move and Description..

## Command Line Programs

Reports that are required on a regular basis can be created using various [Command Line](#) programs 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.

## Report Contents

Report	Description
<a href="#">Inventory Report</a>	Lists all <a href="#">Volumes</a> in Inventory that matches the supplied filters
<a href="#">Move List</a>	Lists all <a href="#">Volumes</a> currently in a move from one <a href="#">Repository</a> to another
<a href="#">Users List</a>	
<a href="#">Repositories</a>	Listing of all <a href="#">Repositories</a> including capacity, usage, and number of moving <a href="#">Volumes</a>
<a href="#">Zone List</a>	Lists current Zones, assigned <a href="#">Customer-ID</a> , occupying <a href="#">Media</a> type and <a href="#">Volume ID</a> by Slot number
<a href="#">Storage History</a>	Lists daily <a href="#">Volume</a> quantity in each <a href="#">Repository</a> including how many <a href="#">Volumes</a> moved in and out of the <a href="#">Repository</a>

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