

# TMSS10Inventory

TMSS10Inventory produces an Inventory Report of all selected [Volumes](#).

By default, this program accepts pairs of Integers as arguments, with each successive pair representing the next column within a CSV file.

The first Integer is the zero-based offset within the output file, and the second is the length of the field that is output.

Alternatively, if the first argument of the first pair contains a colon, the Integer on the left-hand side of the colon will set the relative column, and any future pair will be offset from that column. In the event that other pairs also start with a colon, this too will set the column and future columns from that column index.

In the event that the program is run with no arguments, the program will display a suggested calling syntax taking into account the maximum values calculated by processing the supplied data.

## Synopsis

```
TMSS10Inventory [-A attribute index] [-M mode] [-N no relative resolve] [-R  
output a scan list file] [-S logon string] [-V volume filter] [-c  
configuration file]
```

## Options

- -A Attribute Index (default = 0)
- -M Sets the output mode.
- -N No relative resolve.
- -R Outputs results to a scan list file.
- -S The Logon string argument sets the [Server Logon Information](#).
- -V [Volume Filter](#) which can be used to filter the traversal of [Customer](#), [Media](#), [Volume](#), [Repository](#) and [Flag](#) values.
- -c The config file argument specifies the path to the Batch Configuration File. The Batch Configuration File allows you to perform advanced traversal of [Customer](#), [Media](#) and [Volumes](#), perform advanced Barcode pre and post-processing and route program output to syslogd.

If an argument value starts with the value FI:, the value for that attribute will be read from the file name specified immediately after it. For example, if a file named ACME\_volumes has the content ACME\_\*.\*, specifying FI:/etc/ACME\_volumes will have the same effect as -V ACME.\*.\*. Using FI: to refer to a file for an attribute value works for all attributes.

If the pattern being matched starts with \*LIST: then rather than matching the literal value, each record in the file specified as \*LIST:filename will be tested. If one matches the match will succeed.

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To include multiple Attributes in the report, add the required Attribute indexes separated by a comma (eg. -A 1,2,5).

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## Notes

Running TMSS10Inventory in 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.

Running TMSS10Inventory in mode 2 will produce a report with the values: Sequence, [Customer](#), [Media](#), Total and Moving total.

TMSS10Inventory output can include up to twenty attributes in the one report. To include more than one attribute, include attribute indexes separated by commas using -A in the program call. For example to add attributes 0, 1 and 3 in the report use -A "0,1,3.

If the report is output to text, CSV, PDF attribute values over 30 characters long will be truncated to 28 characters and two full stops to indicate a truncated value (eg ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890 will show as ABCDEFGHIJKLMNOPQRSTUVWXYZ12..). Reports output to Excel will show full attribute values irrespective of character length.

Mode 1

Report-ID: 100

Mode 2

Report-ID: 101

## Technical Support

The TapeTrack Software is commercially supported by a full-time help desk staff. If you are experiencing problems or want some advice on how to configure or use the product please see the [Accessing Technical Support](#) page.

## Exit Statuses

1. **zero** Program has ended successfully.
2. **non-zero** Program has not ended successfully.

## Environment

# Files

**stdout:** Output Reports.  
**stderr:** Diagnostic messages.  
**stdin:** Program input.

## Example

### Customer US03 LTO inventory - Report Format 1

#### Command line syntax

```
TMSS10Inventory -S user:-password@server -V "US01.*.*" -M 1
```

#### Output

|                                                                                  |                   |                     |   |            |                |               |
|----------------------------------------------------------------------------------|-------------------|---------------------|---|------------|----------------|---------------|
| System: TapeTrack                                                                |                   |                     |   |            |                |               |
| Report Description: Inventory List                                               |                   |                     |   |            |                |               |
| Production Time: Monday, January 24, 2022 - 11:53:11 (AUS Eastern Daylight Time) |                   |                     |   |            |                |               |
| Report Width: 164 bytes                                                          |                   |                     |   |            |                |               |
| Seq.                                                                             | Barcode           | Location            |   | Repository |                |               |
| Expiry                                                                           | Next Move         | Last Move           |   | GDup       | CDup           | Container     |
| -----                                                                            |                   |                     |   |            |                |               |
| -----                                                                            |                   |                     |   |            |                |               |
| -----                                                                            |                   |                     |   |            |                |               |
| 1                                                                                | US01.CONT.CONT001 | No-Alloc [0]        |   |            |                | Offsite Vault |
| Permanent                                                                        | Permanent         | 2021-11-18 09:12:08 | 2 | 1          | Is-Container:1 |               |
| 2                                                                                | US01.CONT.CONT002 | No-Alloc [0]        |   |            |                | Offsite Vault |
| Permanent                                                                        | Permanent         | 2022-01-24 11:47:01 | 2 | 1          | Is-Container:7 |               |
| 3                                                                                | US01.CONT.CONT003 | No-Alloc [0]        |   |            |                | Library       |
| Permanent                                                                        | Permanent         |                     | 2 | 1          | Is-Container:0 |               |
| 4                                                                                | US01.CONT.CONT004 | No-Alloc [0]        |   |            |                | Library       |
| Permanent                                                                        | Permanent         |                     | 2 | 1          | Is-Container:0 |               |
| 5                                                                                | US01.CONT.CONT005 | No-Alloc [0]        |   |            |                | Library       |
| Permanent                                                                        | Permanent         |                     | 2 | 1          | Is-Container:0 |               |
| 6                                                                                | US01.CONT.CONT006 | No-Alloc [0]        |   |            |                | Library       |
| Permanent                                                                        | Permanent         |                     | 2 | 1          | Is-Container:0 |               |
| 7                                                                                | US01.CONT.CONT007 | No-Alloc [0]        |   |            |                | Library       |
| Permanent                                                                        | Permanent         |                     | 2 | 1          | Is-Container:0 |               |
| 8                                                                                | US01.CONT.CONT008 | No-Alloc [0]        |   |            |                | Library       |
| Permanent                                                                        | Permanent         |                     | 2 | 1          | Is-Container:0 |               |
| 9                                                                                | US01.CONT.CONT009 | No-Alloc [0]        |   |            |                | Library       |
| Permanent                                                                        | Permanent         |                     | 2 | 1          | Is-Container:0 |               |

|           |                   |                                |   |   |                   |               |
|-----------|-------------------|--------------------------------|---|---|-------------------|---------------|
| 10        | US01.CONT.CONT010 | No-Alloc [0]                   |   |   |                   | Library       |
| Permanent | Permanent         |                                | 2 | 1 | Is-Container:0    |               |
| 11        | US01.LT0.000000L4 | Blue1 [1.1]                    |   |   |                   | Offsite Vault |
| [1]       | Permanent         | 2022-04-24 2021-12-10 10:39:48 | 2 | 1 |                   |               |
| 12        | US01.LT0.000001L4 | Blue1 [1.2]                    |   |   |                   | Offsite Vault |
| [2]       | Permanent         | 2022-04-24 2021-12-10 10:39:48 | 2 | 1 |                   |               |
| 13        | US01.LT0.000002L4 | Blue1 [1.3]                    |   |   |                   | Offsite Vault |
| [3]       | Permanent         | 2022-04-24 2021-12-10 10:39:48 | 2 | 1 |                   |               |
| 14        | US01.LT0.000003L4 | Blue1 [1.4]                    |   |   |                   | Offsite Vault |
| [4]       | Permanent         | 2022-04-24 2021-12-10 10:39:48 | 2 | 1 |                   |               |
| 15        | US01.LT0.000004L4 | Blue1 [1.5]                    |   |   |                   | Offsite Vault |
| [5]       | Permanent         | 2022-04-24 2021-12-10 10:39:48 | 2 | 1 |                   |               |
| 16        | US01.LT0.000005L4 | Blue1 [1.6]                    |   |   |                   | Offsite Vault |
| [6]       | Permanent         | 2022-04-24 2021-12-10 10:39:48 | 2 | 1 |                   |               |
| 17        | US01.LT0.000006L4 | No-Alloc [0]                   |   |   |                   | Library       |
| Permanent | Permanent         | 2021-12-10 09:29:30            | 2 | 1 |                   |               |
| 18        | US01.LT0.000007L4 | No-Alloc [0]                   |   |   |                   | Library       |
| Permanent | Permanent         | 2021-11-18 09:11:57            | 2 | 1 | US01.CONT.CONT001 |               |
| 19        | US01.LT0.000008L4 | No-Alloc [0]                   |   |   |                   | Library       |
| Permanent | Permanent         | 2021-12-10 10:41:57            | 2 | 1 |                   |               |
| 20        | US01.LT0.000009L4 | No-Alloc [0]                   |   |   |                   | Library       |
| Permanent | Permanent         | 2021-12-10 10:41:57            | 2 | 1 |                   |               |
| 21        | US01.LT0.000010L4 | No-Alloc [0]                   |   |   |                   | Library       |
| Permanent | Permanent         | 2021-12-10 10:41:57            | 2 | 1 |                   |               |
| 22        | US01.LT0.000011L4 | Blue1 [2.1]                    |   |   |                   | Offsite Vault |
| [11]      | Permanent         | Permanent 2021-12-10 10:48:24  | 2 | 1 |                   |               |
| 23        | US01.LT0.000012L4 | Blue1 [2.2]                    |   |   |                   | Offsite Vault |
| [12]      | Permanent         | Permanent 2021-12-10 10:48:24  | 2 | 1 |                   |               |
| -----     |                   |                                |   |   |                   |               |
| -----     |                   |                                |   |   |                   |               |

| Column Heading | Description                                                                                                              |
|----------------|--------------------------------------------------------------------------------------------------------------------------|
| Seq            | Record sequence number                                                                                                   |
| Barcode        | Volume-ID. Default is fully qualified barcode, use <a href="#">TMSSUNQUALIFIEDVOLUME</a> to list unqualified Volume-ID's |
| Location       | Volume location: No-Alloc [0] = no Slot allocated, 1:2 [1.3] = Zone-ID 1:2, Shelf 1, Slot 3                              |
| Repository     | Repository Volume is currently located in                                                                                |
| Expiry         | Expiry of retention date                                                                                                 |
| Next Move      | Date of next move, Permanent = No next move                                                                              |
| Last Move      | Last date the Volume was moved                                                                                           |
| GDup           | Global wide number of the Volume-ID, 1 = one instance or no duplicates                                                   |
| CDup           | Customer wide number of the Volume-ID, 1 = one instance or no duplicates                                                 |
| Container      | Container-ID if Volume is assigned to a Container, blank = not assigned to a Container.                                  |

## Customer US03 LTO inventory - Report Format 2

Command line syntax

```
TMSS10Inventory -S user:-password@server -V "US01.*.*" -M 2
```

Output

|                                                                                  |                        |               |       |
|----------------------------------------------------------------------------------|------------------------|---------------|-------|
| System: TapeTrack                                                                |                        |               |       |
| Report ID: 101                                                                   |                        |               |       |
| Report Description: Volume Inventory Extract                                     |                        |               |       |
| Production Time: Monday, January 24, 2022 - 11:56:02 (AUS Eastern Daylight Time) |                        |               |       |
| Report Width: 92 bytes                                                           |                        |               |       |
| Seq.                                                                             | Customer               | Media         | Total |
| Moving                                                                           |                        |               |       |
| -----                                                                            |                        |               |       |
| -----                                                                            |                        |               |       |
| 10                                                                               | 1 New York Data Center | Container     |       |
|                                                                                  | 0                      |               |       |
| 103                                                                              | 2 New York Data Center | LT0 Cartridge |       |
|                                                                                  | 32                     |               |       |
| -----                                                                            |                        |               |       |
| -----                                                                            |                        |               |       |

Changelog

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

