# **TapeTrack Reconciliation Report**

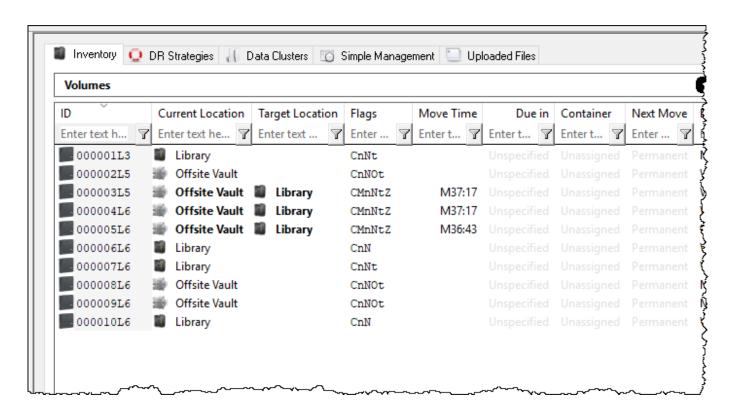
The TapeTrack Reconciliation Report is created by the Command Line Program TMSS10Reconcile.

The program runs in 4 sequential phases:

- Phase 1 Load of the TapeTrack Scan-Map from a Scan File.
- Phase 2 Reconciliation of the Scan-Map.
- Phase 3 Listing of unreferenced Scan-Map items.
- Phase 4 Report Production.

# Report Input

### **TapeTrack Customer Status**



#### Scan File

Last update: 2025/01/21 22:07

```
File Edit Format View Help

US04.LT0.000002L5

US04.LT0.000003L5

US04.LT0.000005L6

US04.LT0.000009L6

US04.LT0.000009L6

US04.LT0.000010L6

US04.LT0.111111L6
```

# **Report Sections**

### **Load of Scan-Map**

The purpose of this phase is load a TapeTrack Scan-File and resolve each of the a Scan-File Entries into a Fully Qualified TapeTrack Barcode.

As the Scan-File is loaded, a Scan-Map is created.

Alternatively, rather than loading the Scan-Map from a Scan-File, the TapeTrack Import Engine can be used to load the Scan-Map. This facilitates loading from Fixed Length Reports, CSV Files and ODBC Data Sources.

The Fully Qualified TapeTrack Barcode can be resolved from an Unqualified Barcode or an Extended Attribute.

```
System: TapeTrack
Report Description: Phase 1: Load Scan-Map from Scan-File
   Production Time: Monday, March 19, 2018 - 10:09:27 (AUS Eastern Daylight
Time)
      Report Width: 149 bytes
      Record Barcode
                                                     Resolved As
Seq.
Status Notes
-----
            1 US04.LT0.000002L5
                                                     US04.LT0.000002L5
0K
     2
            2 US04.LT0.000003L5
                                                     US04.LT0.000003L5
0K
                                                     US04.LT0.000004L6
     3
            3 US04.LT0.000004L6
0K
```

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0K	4	4 US04.LT0.000005L6	US04.LT0.000005L6
	5	5 US04.LT0.000009L6	US04.LT0.000009L6
0K	6	6 US04.LT0.000010L6	US04.LT0.000010L6
0K 0K	7	7 US04.LT0.111111L6	US04.LT0.111111L6

### **Reconcile of TapeTrack Volumes**

The purpose of this phase is to list all of the Volumes that are either in, moving to, or unexpected in the specified repository.

The following statuses may result:

- **Reconciled** if the Volume is in the target repository, is in the scan-map and not moving.
- **Reconciled (Confirmed)** if the Volume is moving into the specified repository and is in the scan-map. The Volume will be Confirmed in the TapeTrack database.
- **Absent from Scan-Map** if the Volume is confirmed into the specified repository and is not present in the scan-map. An Audit Flag will be assigned to the Volume.
- **Pending Confirmation** if the Volume is in a move status out from the specified repository and is not overdue at the target repository.
- **Overdue at Target** if the Volume is in a move status to the specified repository, is not in the Scan-Map and is now overdue at the target repository.
- **Unexpected in Scan-Map** Present in the scan-map but not present at, or moving to, the target repository.



Report headings and spacing have been edited to fit information on web formatting

System: TapeTrack Report Description: Phase 2: Reconcile TapeTrack Volumes against Scan-Map Report Notes: Repository OFFS Production Time: Monday, March 19, 2018 - 10:21:34 (AUS Eastern Daylight Time) Report Width: 169 bytes						
Seq Barcode Scanned Status Notes	Current Rep	Target Rep	Move Time	0verdue		
1 US04.LT0.000002L5	Offsite Vault			No	Yes	
OK Reconciled 2 US04.LT0.000003L5	Offsite Vault	Library	H1:10:39	No	Yes	

OK Pending confir	rmation				
3 US04.LT0.000004L6	Offsite Vault	Library	H1:10:39	No	Yes
OK Pending confir	mation				
4 US04.LT0.000005L6	Offsite Vault	Library	H1:10:05	No	Yes
OK Pending confir	mation				
5 US04.LT0.000008L6	Offsite Vault			No	No
NOT-OK Absent from Sc	an-Map				
6 US04.LT0.000009L6	Offsite Vault			No	Yes
OK Reconciled					
7 US04.LT0.000010L6	Library			No	Yes
NOT-OK Unexpected in	Scan-Map				

Following the example data at the top of page we have:

- Volumes 000002L5 and 000009L6 are referenced as Reconciled as they are in the Scan-Map, and confirmed in the current repository (Offsite Vault).
- Volumes 000003L5, 000004L6 and 000005L6 are referenced as **Pending confirmation** as they are in the Scan-Map, and in a move from the current repository but not yet confirmed at the target repository.
- Volumes 000008L6 is referenced as Absent from Scan-Map as it appears in TapeTrack as at
  the current repository but is absent from the Scan-Map. This shows the volume is either
  somewhere it shouldn't be or is missing and as such is given a status of NOT-OK and is given
  an audit flag for further investigation.
- Volume 000010L6 is referenced as Unexpected in Scan-Map as it is present in the Scan-Map
  as being at the current repository but shown in TapeTrack as being confirmed at another
  repository. As such is given a status of NOT-OK and is given an audit flag for further
  investigation.



Status strings (Reconciled, Reconciled (Confirmed) etc) may be customized using TMSSRECONCILETEXT variables

## **Unreferenced Scan-Map Entries**

This report shows Volumes that are in the Scan-Map, but are not known to TapeTrack.

```
System: TapeTrack
Report Description: Phase 3: Unreferenced Scan-Map entries
Production Time: Monday, March 19, 2018 - 10:21:34 (AUS Eastern Daylight Time)
Report Width: 29 bytes

Seq. Barcode
1 US04.LT0.111111L6
```

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Reasons for this error could be:

- Volume does not belong to you but has been included with your Volumes by operator error.
- Manually produced scan file with a typo on a Volume ID.
- Volume added to inventory but not entered into TapeTrack.

### **Reconciliation Statistics**

This report shows the final statistics for the Reconciliation process.

```
System: TapeTrack
Report Description: Phase 4: Reconciliation Statistics
  Production Time: Monday, March 19, 2018 - 10:21:34 (AUS Eastern Daylight
Time)
     Report Width: 75 bytes
Metric
                                               Count
                 -----
Phase 1: Read from Scan-File
                                                        7
Phase 1: Loaded successfully from Scan-File
                                                        7
Phase 1: Loaded unsuccessfully from Scan-File
                                                      + 0
......
Phase 2: Reconciled
                                                        2
Phase 2: Reconciled (Confirmed)
                                                        0
Phase 2: Confirmation Bypass
                                                        0
Phase 2: Pending confirmation
                                                        3
Phase 2: Out of scope
                                                        3
Phase 2: Absent from Scan-Map
                                                      + 1
Phase 2: Unexpected in Scan-Map
                                                      + 1
Phase 2: Overdue at subject repository
                                                      + 0
Phase 2: Overdue at target repository
______
Phase 3: Unreferenced Scan-Map items
Phase 4: Total Errors
                                                        3
------
```

#### Phase 1

Reads in Volume ID's from the scan file, parses them (depending on format) into Customer ID, Media-ID and Volume ID. Metrics are then displayed as the number of Volumes successfully and unsuccessfully loaded ready for reconciliation in phase two.

With the example data, all 7 entries were successfully loaded as fully qualified barcodes from the

scan file into the scan-map ready for reconciliation.

#### Phase 2



Status strings (Reconciled, Reconciled (Confirmed) etc) may be customized using TMSSRECONCILETEXT variables

- Reconciled shows number of Volumes present in scan-map and confirmed at subject repository.
- **Reconciled (Confirmed)** shows number of Volumes confirmed into subject repository that were in a move to there and present in scan-map.
- **Confirmation Bypass** (set as an attribute in TMSS10Reconcile) shows the number of Volumes moving to subject repository and present in scan-map but not confirmed.
- **Pending confirmation** shows number of Volumes present in scan-map, in a move status out of subject repository and yet to be confirmed at target repository.
- **Out of scope** shows the number of Volumes in the customers inventory that are not referenced in the scan-map and are listed in TapeTrack as being not confirmed in, moving to or from the subject repository.
- **Absent from Scan-Map** show the number of Volumes expected to be either in, moving to or moving from the subject repository that are not listed in the scan-map.
- **Unexpected in Scan-Map** shows the number of Volumes present in the scan-map that, in TapeTrack, are not present in, moving to or moving from the subject repository.
- **Overdue at subject repository** shows the number of Volumes present in the scan-map that are moving to the subject repository but have exceeded the time threshold to complete the move.
- Overdue at target repository hows the number of Volumes present in the scan-map that are moving from the subject repository but have exceeded the target repository's time threshold to complete the move.

### Phase 3

**Unreferenced Scan-Map Items** shows the number of Volumes that are present in the Scan-Map but don't exist within the customers target media.

#### Phase 4

**Total Errors** shows the total accumulated errors from the reconciliation process.

### **Movement Aging Report**

This report shows statistics on Volumes that remain in a move status after the reconciliation has completed.

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System: TapeTrack

Report Description: Phase 4: Movement Aging Report

Production Time: Monday, March 19, 2018 - 10:21:34 (AUS Eastern Daylight

Time)

Report Width: 40 bytes

Duration	Incoming	Outgoing
less than 1 day	0	3
less than 2 days	0	Θ
less than 3 days	0	Θ
less than 4 days	0	Θ
less than 5 days	0	Θ
less than 6 days	0	Θ
less than 7 days	0	Θ
less than 8 days	0	Θ
less than 9 days	0	Θ
9 or more days	Θ	0

In the example data, these are the Volumes 000003L5, 000004L6 and 000005L6 which are in a move status (one day) out of the subject Repository but not yet confirmed into their target Repository.

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