Library Reconciliation

Library Reconciliation allows you to physically check the Repository's actual contents and compare it to a current list of what Volumes are listed as in that Repository and create an audit certificate including Volumes present, deficient (absent) and surplus (extra).

Steps

Select Library Reconciliation

Select `Library Reconciliation` from the drop-down task menu and click `Next` to continue.
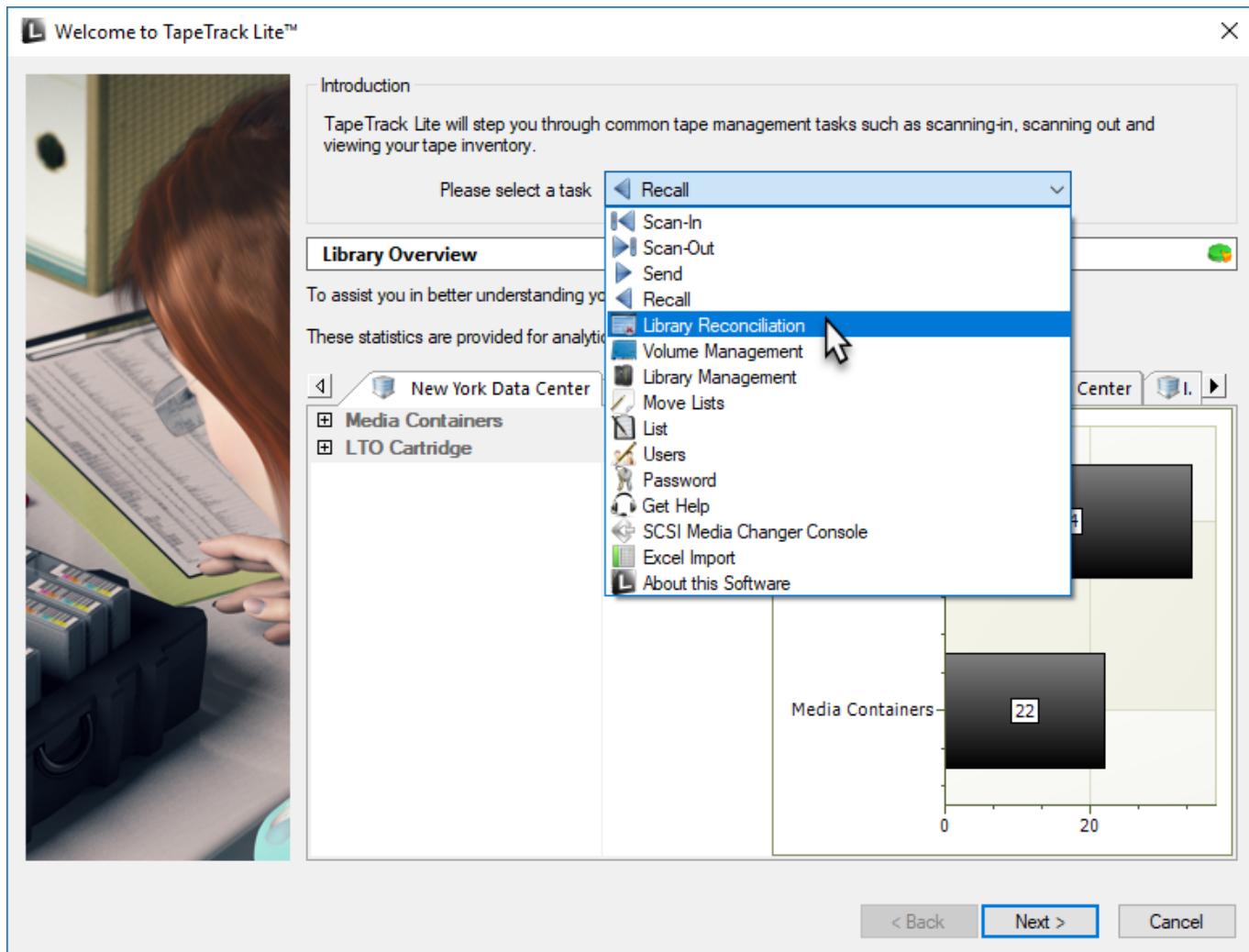

Set Options

This will open the **Options** window. If required you can set the location for the log files to be written to, or leave the default.

To change the default directory, click in the field to the right of the `Log File Folder`, click on the more options button (**…**). From the **Browse For File** window select the preferred directory and click `OK`.

Click `Next` to continue.
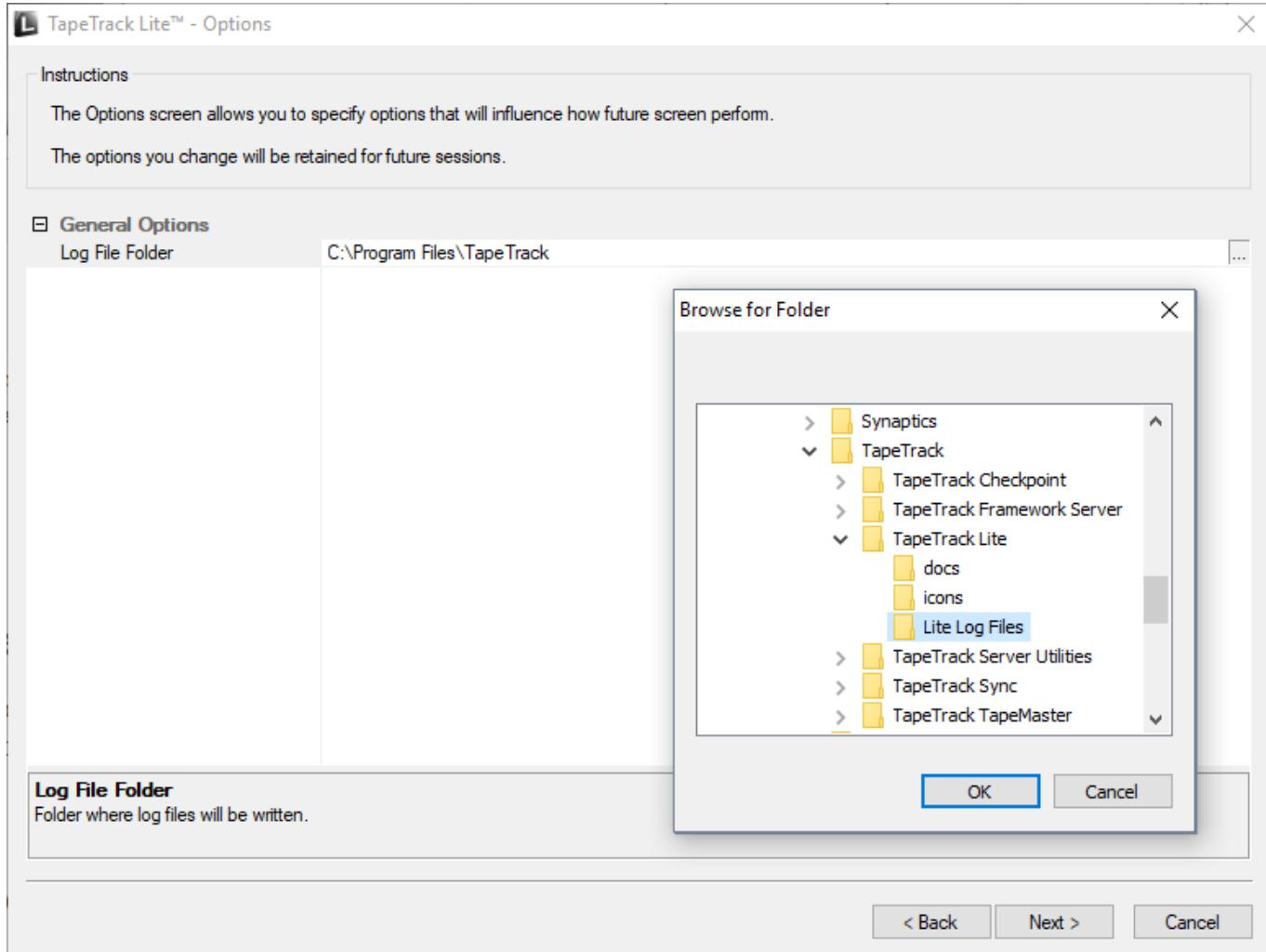
Select a Customer

Select the account or Customer that you want to manage Volumes for by double-clicking the Customer-ID or left-clicking the Customer-ID and clicking `Next` to continue.

Select a Media Type

Select the Media type that you want to reconcile by double-clicking the Media-ID or left-clicking the Media-ID and clicking Next to continue.

Select a Repository

From the **Reconciliation Location** window select which Repository to perform the reconciliation on by double-clicking on the Repository-ID or by left-clicking on the Repository and clicking Next to proceed.
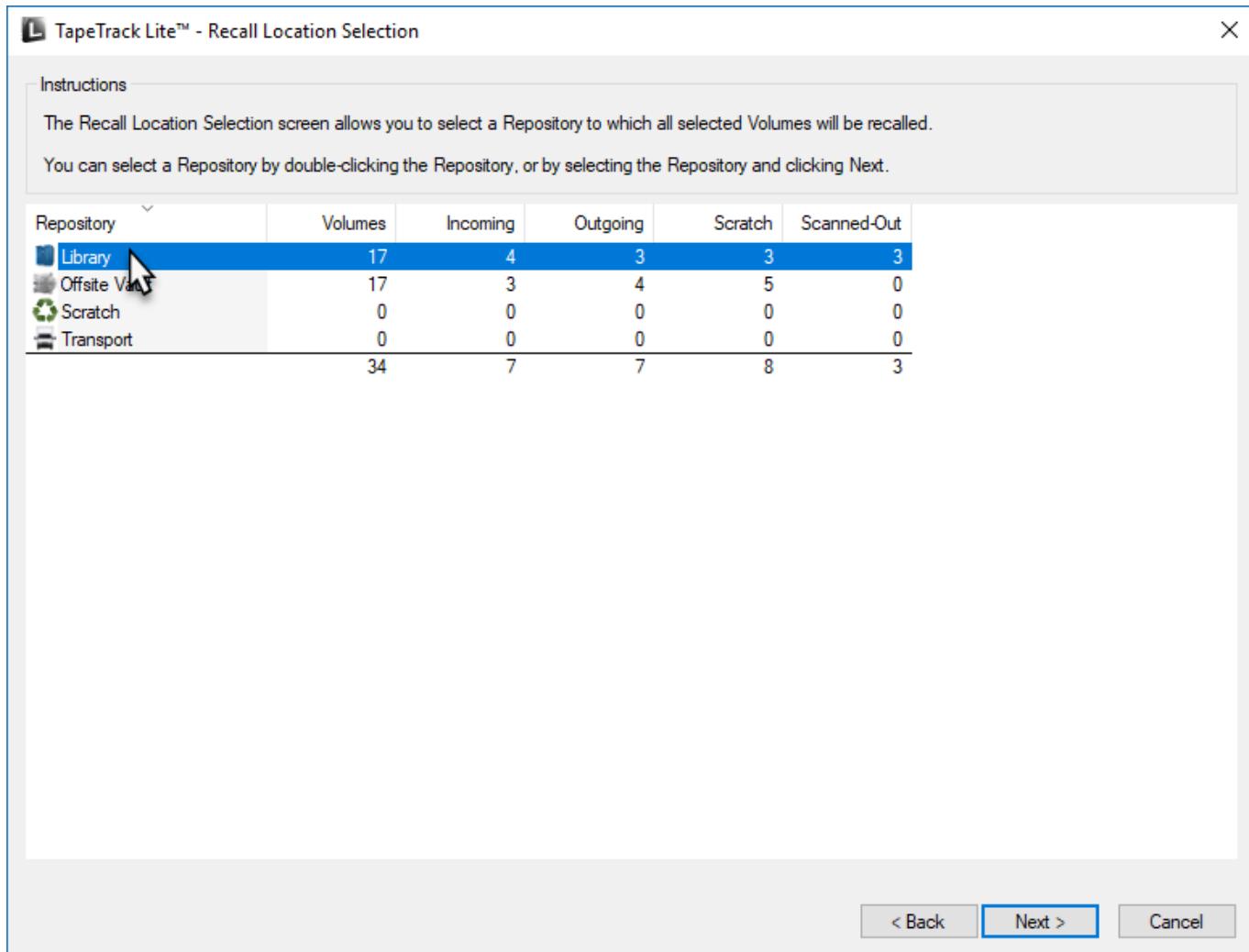
If you have performed reconciliations before on the selected Repository you will be given the option of continuing the previous reconciliation (select yes) or starting a new one (select no).
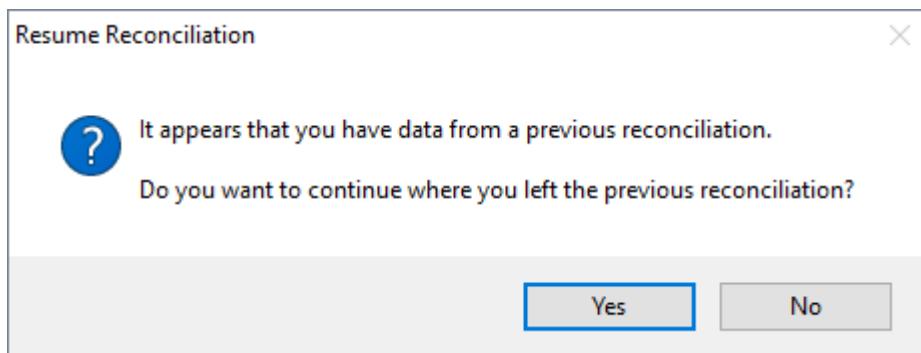
The **Reconciliation Location** window will also display certificates from previous reconciliation results. To display these certificates double click on the time stamp of a chosen certificate.

Certificates contain information pertaining to scope, results and update statistics.

On the Certificate Item List individual Volume-ID's are displayed with a color coded image to quickly identify correct (green), surplus (yellow) and deficit (red) Volumes.

Volume Statistics

The Reconciliation window displays current customer, media and Repository. The main window displays a list of all Volumes presumed to be in the Repository. The right of the window displays Volume statistics including total, scanned, un-scanned, undefined (not on list).

Scan in the volume|Volumes into the **Reconciliation Scan-In** window using a your preferred scanning method to record present Volumes.

As Volumes are scanned:

- correct Volumes will be recorded and marked off the list by a line crossing off the Volume-ID and status changed from [Unscanned] to [Scanned]
- Volumes not on the list will be recorded, added to the list with a status of [New][Scanned] if ID is unrecognized * [[object:volume|Volumes scanned as a duplicate Volume-ID will increment the Scan Count of the previously scanned Volume with that barcode

Volumes not scanned will be recorded with a status of [Unscanned].

When all present volumes have been scanned close the scan-in window by clicking Next or X. If any Volumes have a status of Un-scanned you will be prompted whether or not to flag the Volumes as having failed the Repository audit. Selecting yes will update the flags for those Volumes in the database and add an 'a' flag in TapeTrack TapeMaster.
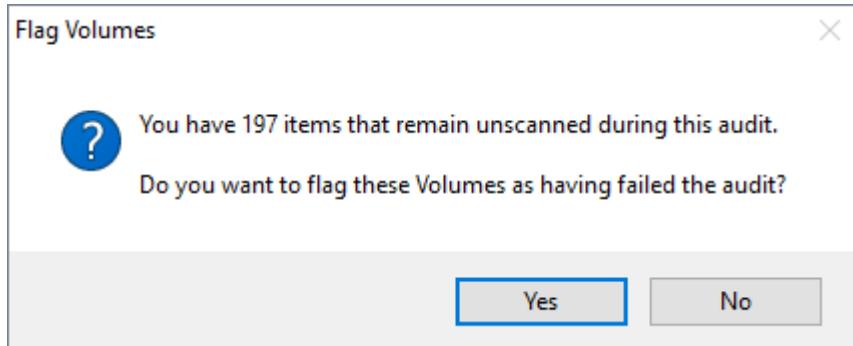
Updated flags will not be added to any Volume/s with a current update lock applied to them and error window will be displayed as a result. The error window will display information on how many Volumes were updated and which Volumes are flagged with error status with an error explanation.

Clicking Create Certificate will produce a certificate documenting the status of the reconciled Repository for future reference including information on present (OK), absent (Deficit) and excess (Surplus) Volumes.

Creating Certificates

In the Create Certificate window add a description relevant to the reconciliation (eg July 2018 Library Reconciliation) and click Create Certificate.

To create Certificates you must have Certify Rights

Creation status will then be displayed.

To view certificate click Certificate Properties.
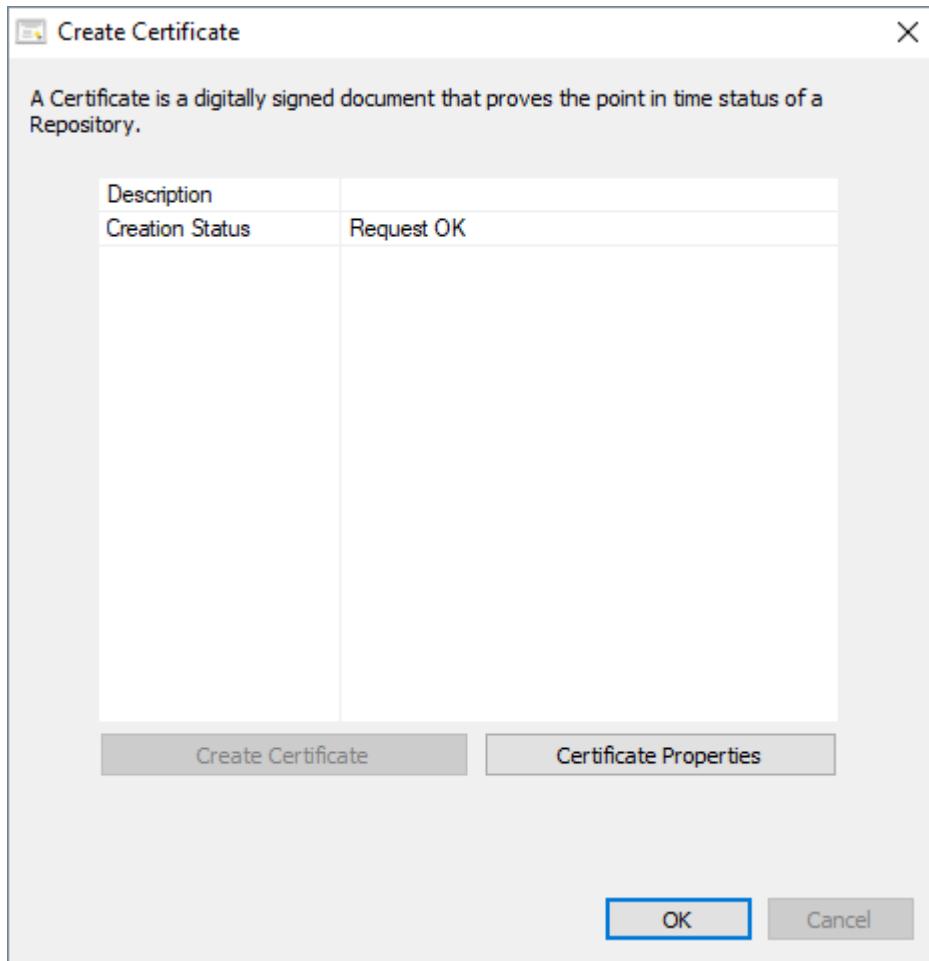
The certificate properties window displays:

- Customer
- Media type
- Repository
- Certificate description
- Digital signature
- Certificate status
- Total items scanned
- Deficit items
- Surplus items

Certificate Properties ✕

| Scope	
Customer	New York Data Center
Media Type	LTO Cartridge
Repository	Library
Description	
Signature	0x98bef72d-0xda8807b7
Status	Refused
Results	
Total Items	210
Deficit Items	205
Surplus Items	1

⊞ Update Statistics

◁ | 📄 Properties | 📄 Certificate Item List | ▷

OK
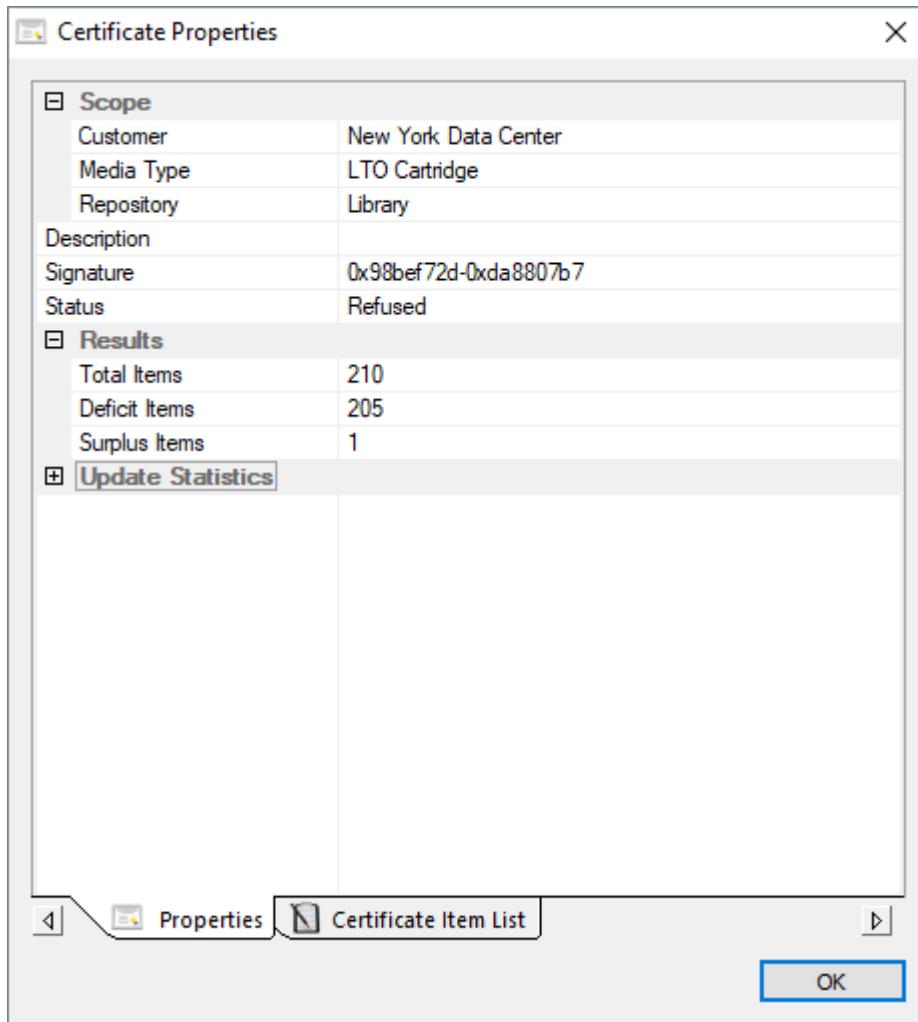
The Certificate Item List tab displays:

- Volume-ID of scanned tapes
- Status of scanned Volumes, status options are:
    - Green tick and OK : Should be present and are present
    - Red cross and Deficit : Should be present and are not present.
    - Yellow exclamation and Surplus : Should not be present but are present.
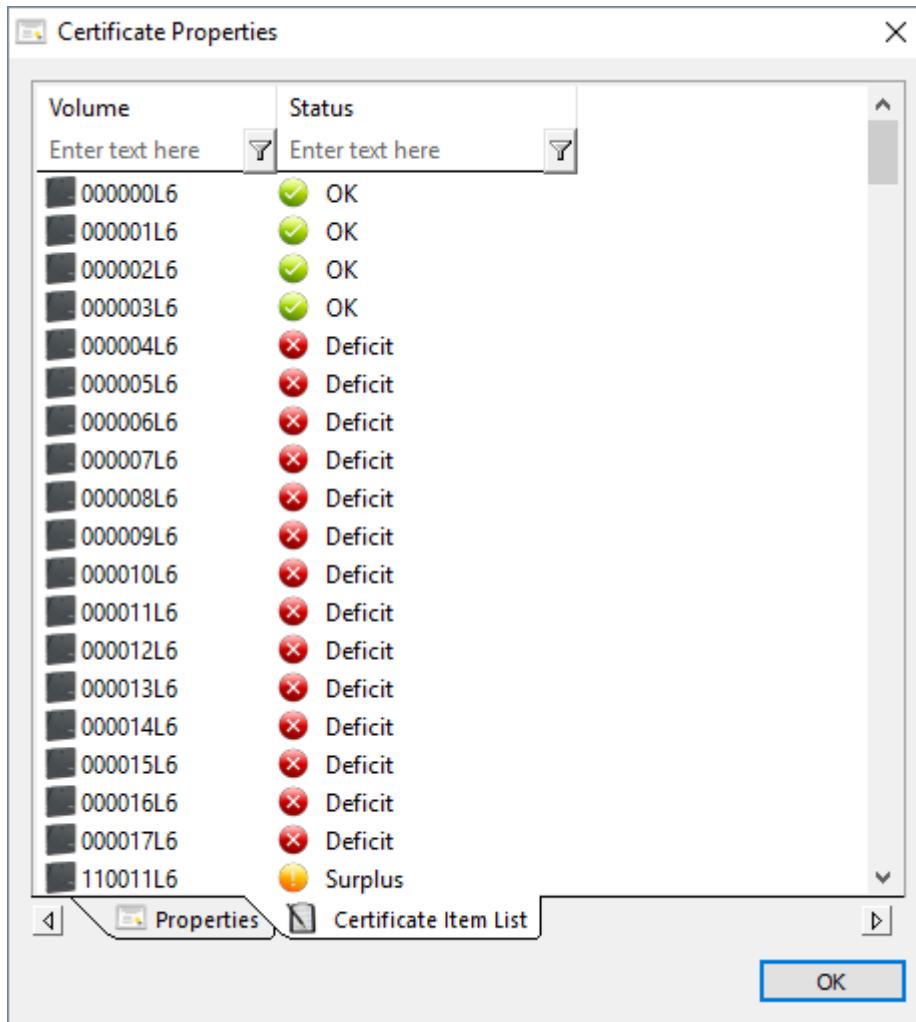
[Volumes](#) can be filtered on the [Volume-ID](#) and/or Status. To filter insert search criteria under [Volume](#) or Status where Enter Text here is displayed. Filter off either whole search term or use * as a wildcard (e.g. to search for Surplus, type Surplus or S*). Search terms are case sensitive. Click OK to close and return to Create Certificate window.

Click OK to continue.

Complete

This will bring up the Complete window, from here you can

- Click Finish, Cancel or X to exit TapeTrack Lite
- Click Back to return to start menu and select another task
- Click View Log File to view the log
- Click Print Log File to print out log file for further reference
- Click About this Software to view product and support (email, phone & website) information

TapeTrack Lite™ - Complete　　　　　　　　　　　　　　　　　　✕

View Log File

Print Log File

About this Software

< Back　　　Finish

From: