

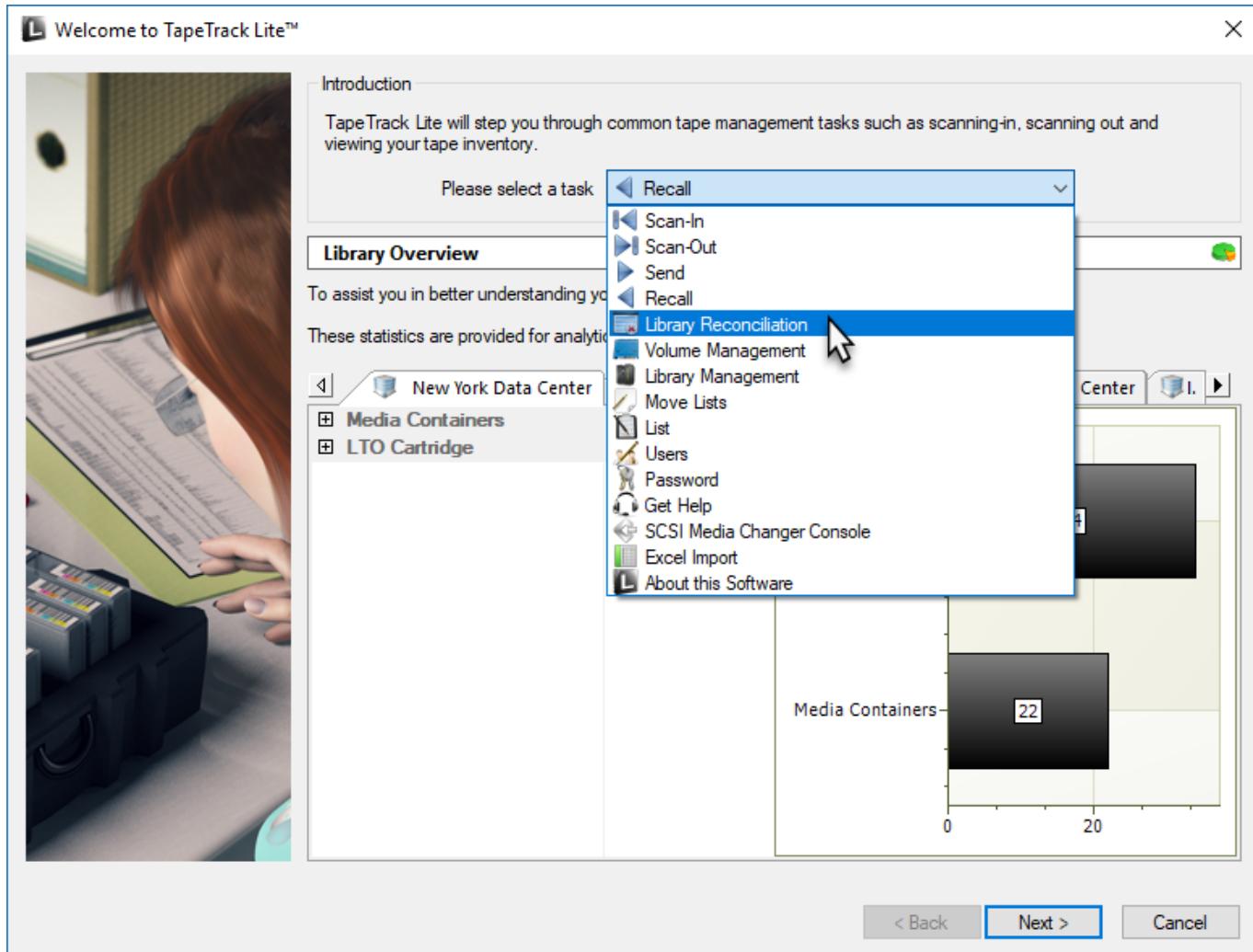
# Library Reconciliation

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

## Steps

### Select Library Reconciliation

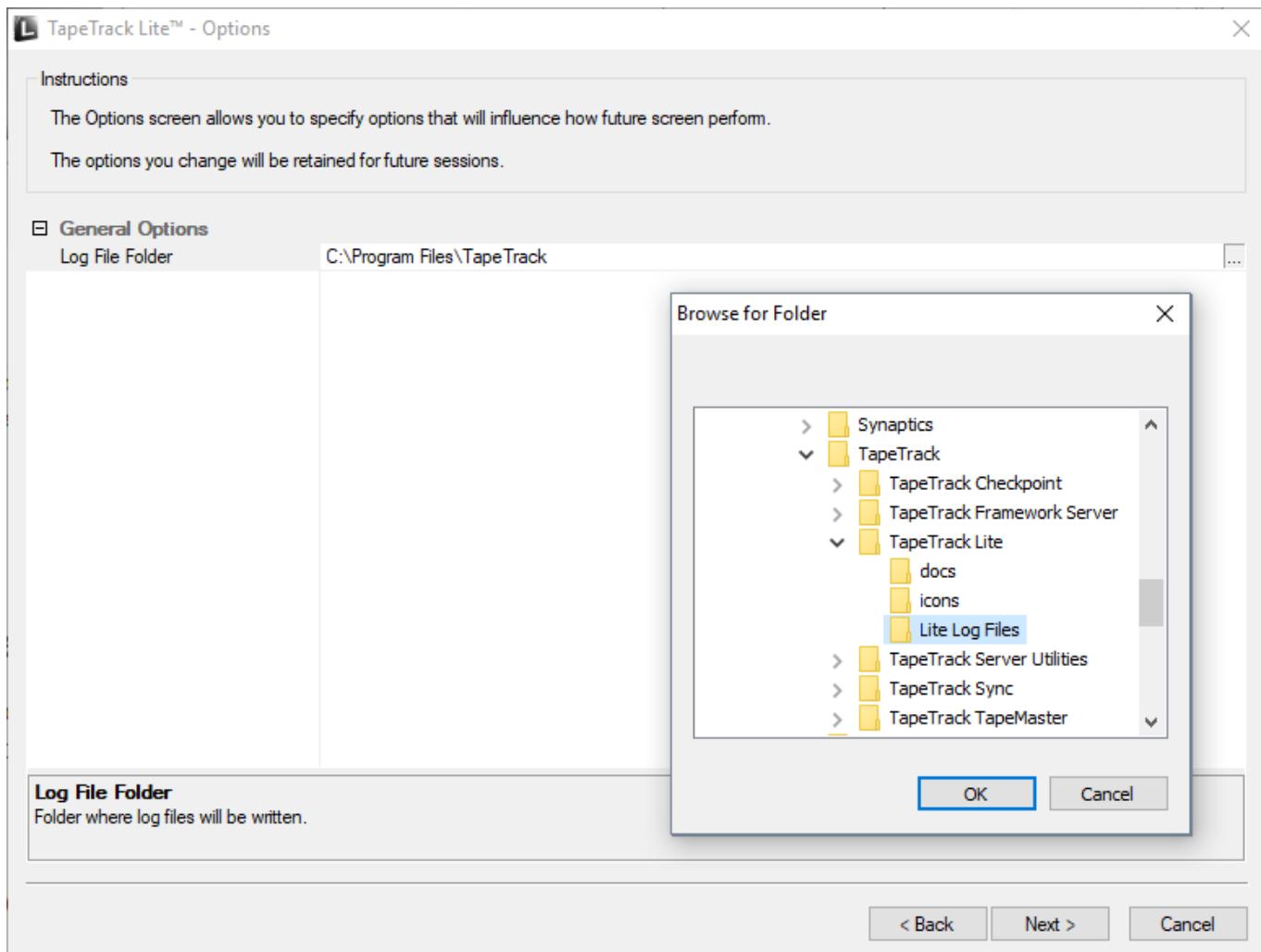
Once logged into TapeTrack Lite, select Library Reconciliation from the Library Management Task's drop-down menu.



## Set Options

This will open the TapeTrack Lite Options window where you can select or change the directory for the

log files. Once the correct directory is set, or to accept the default location, click **Next** to continue.



## Select a Customer

Select the account or customer that you want to manage tapes for by double-clicking the customer-ID or left clicking the customer-ID and clicking **Next** to continue.

 TapeTrack Lite™ - Customer Selection X

**Instructions**

The Customer Selection screen allows you to select one TapeTrack Customer that will be the subject of operations in subsequent screens.

You may select a Customer by double clicking the Customer, or by clicking the Customer and pressing the Next button.

| Customer                   | Volumes | Moves |
|----------------------------|---------|-------|
| New York Data Center       | 56      | 0     |
| Los Angeles Data Center    | 23      | 7     |
| North Carolina Data Center | 56      | 23    |
| Nashville Data Center      | 52      | 9     |
|                            | 187     | 39    |

Remember previously selected Customer

< Back Next > Cancel

## 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.

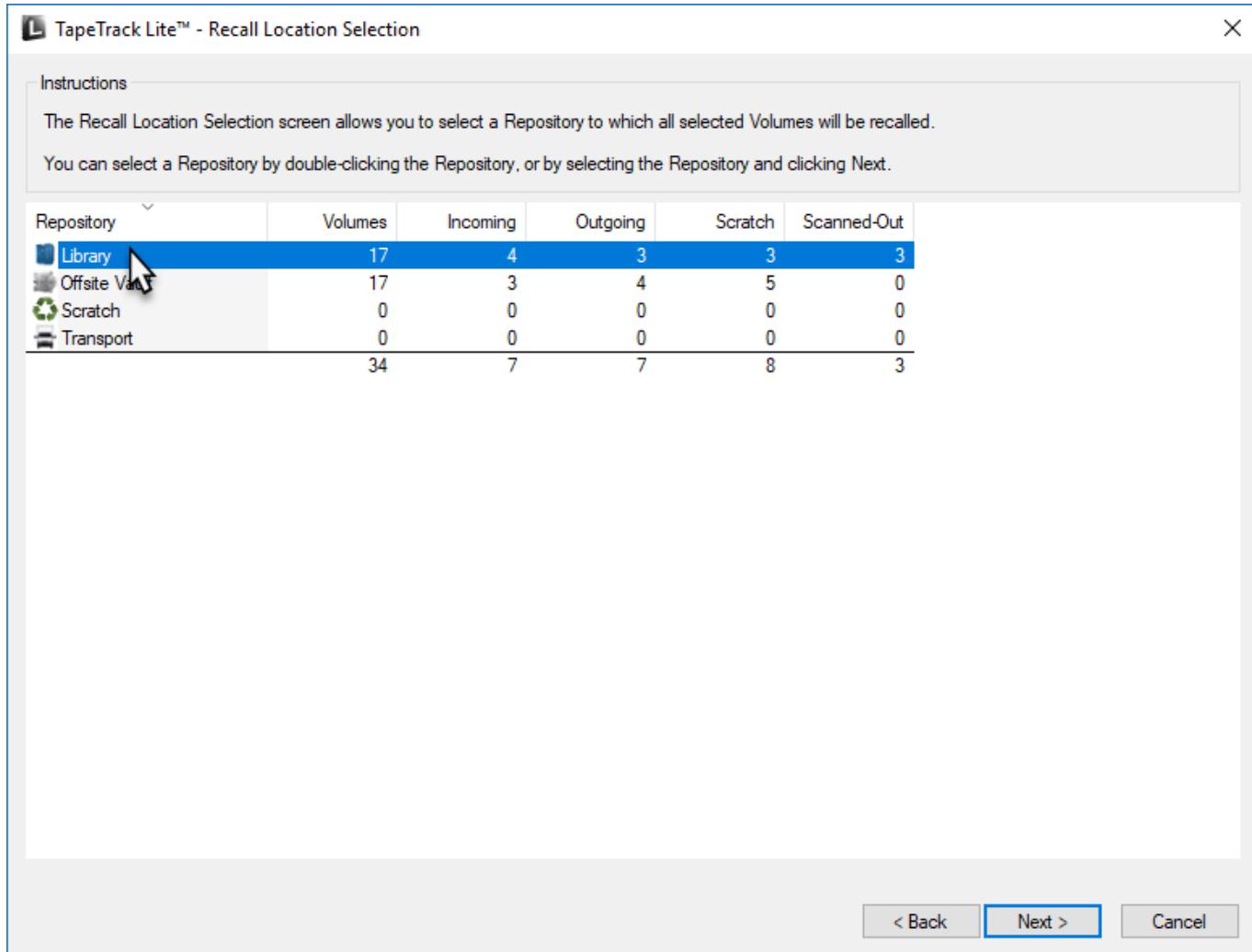
The Media Type Selection screen allows you to select a single TapeTrack Media Type to work with in subsequent screens. You can select this Media Type by double clicking the required item in the list.

| Media Type       | Volumes | Moves | Scratch Deficit | Overdue |
|------------------|---------|-------|-----------------|---------|
| Media Containers | 22      | 0     | 0               | 0       |
| LTO Cartridge    | 34      | 7     | 0               | 12      |
|                  | 56      | 7     | 0               | 12      |

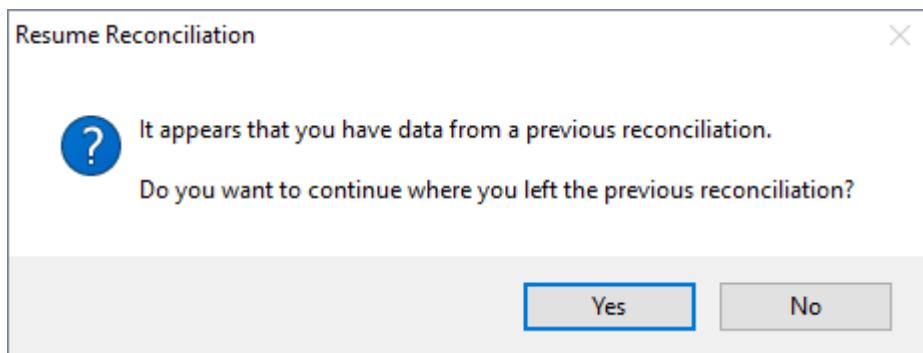
< Back Next > Cancel

## 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, unscanned, undefined (not on list).

Scan in the 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
- 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].

The screenshot shows the 'TapeTrack Lite™ - Reconciliation Scan' window. At the top, there is an 'Instructions' section with a message: 'The Reconciliation screen allows you to scan Volumes that reside at the selected Repository.' Below this are three dropdown menus: 'Customer' (set to 'US01'), 'Media Type' (set to 'LTO'), and 'Repository' (set to 'LIBR').

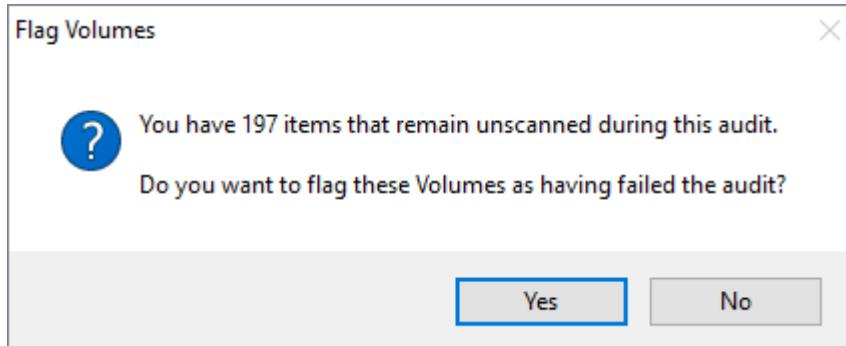
The main area contains a table with columns 'Volume-ID', 'Scan Count', and 'Status'. The table lists 21 volumes, each with a unique ID starting from '0000001L6' to '110011L6'. The 'Scan Count' column shows the number of times each volume has been scanned, and the 'Status' column shows the current status of each volume. The status is color-coded: green for 'Scanned', blue for 'Moving-In', and grey for 'Unscanned'.

On the right side of the window, there is a 'Statistics' table with the following data:

|             | Statistics |
|-------------|------------|
| Total       | 210        |
| Scanned     | 5          |
| Unscanned   | 205        |
| Undefined   | 1          |
| Moving-In   | 17         |
| Duplicates  | 1          |
| Bad scope   | 0          |
| Not in list | 1          |

At the bottom of the window, there are buttons for 'Audit List', '< Back' (disabled), 'Next >', and 'Cancel'.

When all present volumes have been scanned close the scan-in window by clicking Next or X. If any volumes have a status of Unscanned 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.

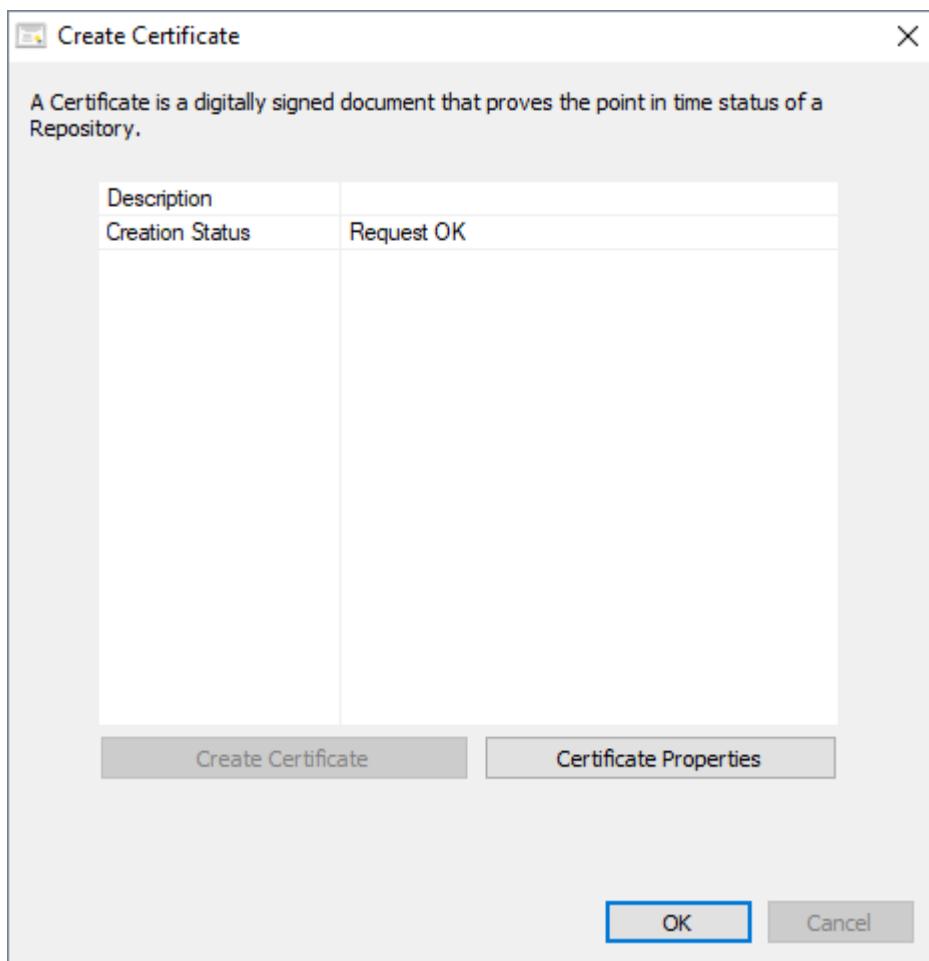


Updated **flags** will not be added to any volume/s with a current update lock applied to them and error window will be displayed as a result. The error window will display information on how many volumes were updated and which volumes are **flagged** with error status with an error explanation.

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.

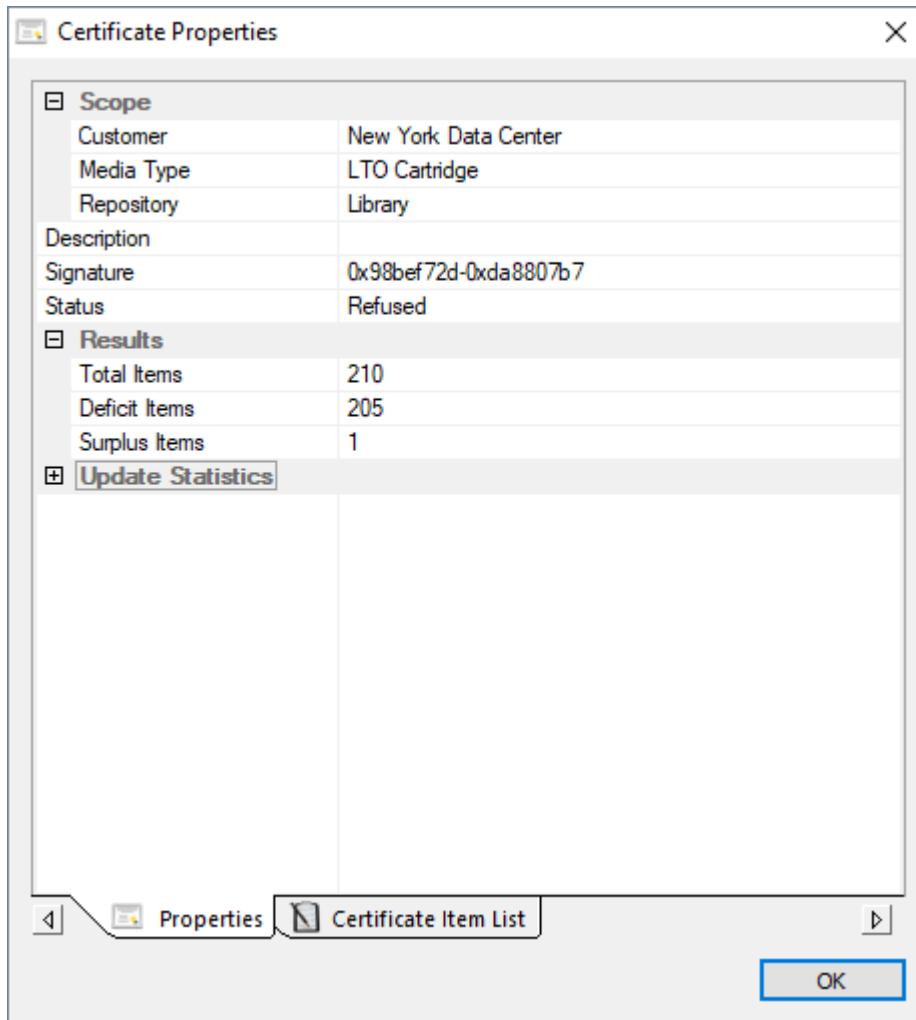
## Creating Certificates

In the Create Certificate window add a description relevant to the reconciliation (eg July 2018 Library Reconciliation) and click Create Certificate. Creation status will then be displayed. To view certificate click Certificate Properties.



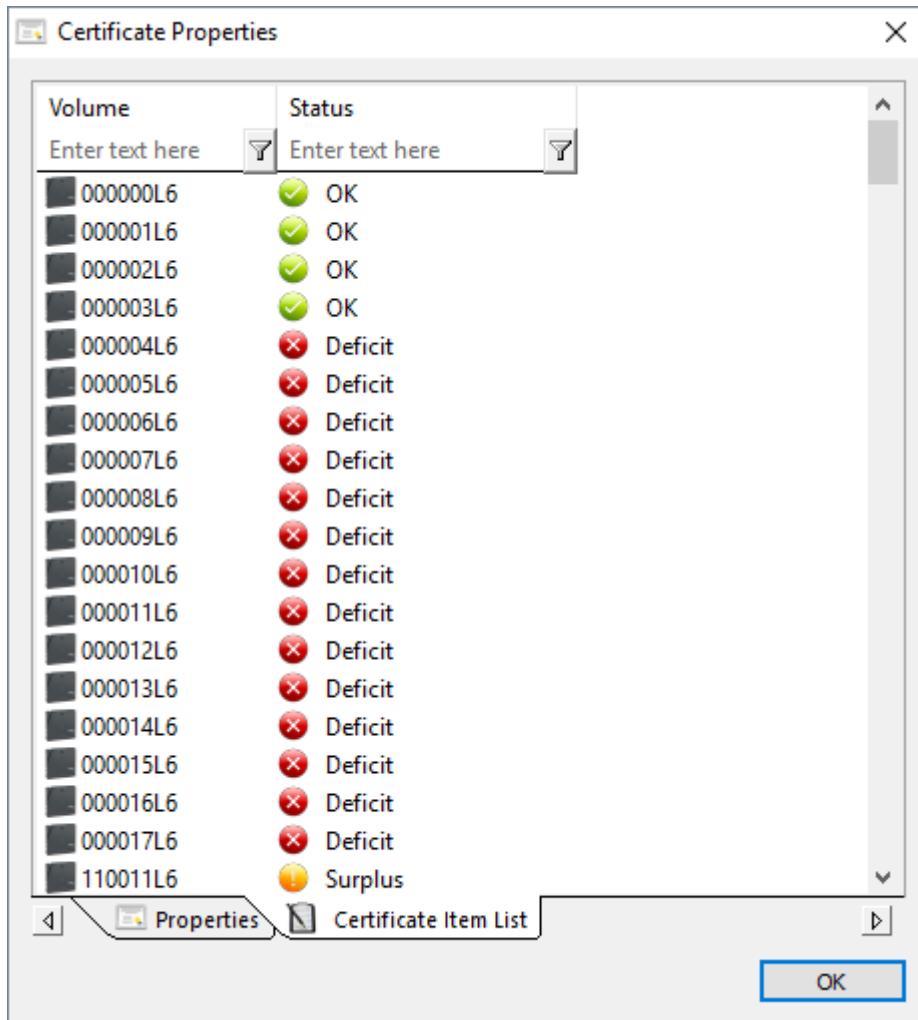
The certificate properties window displays:

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



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
  - Red cross and Deficit : Should be present and are not
  - Yellow exclamation and Surplus : Should not be present but are



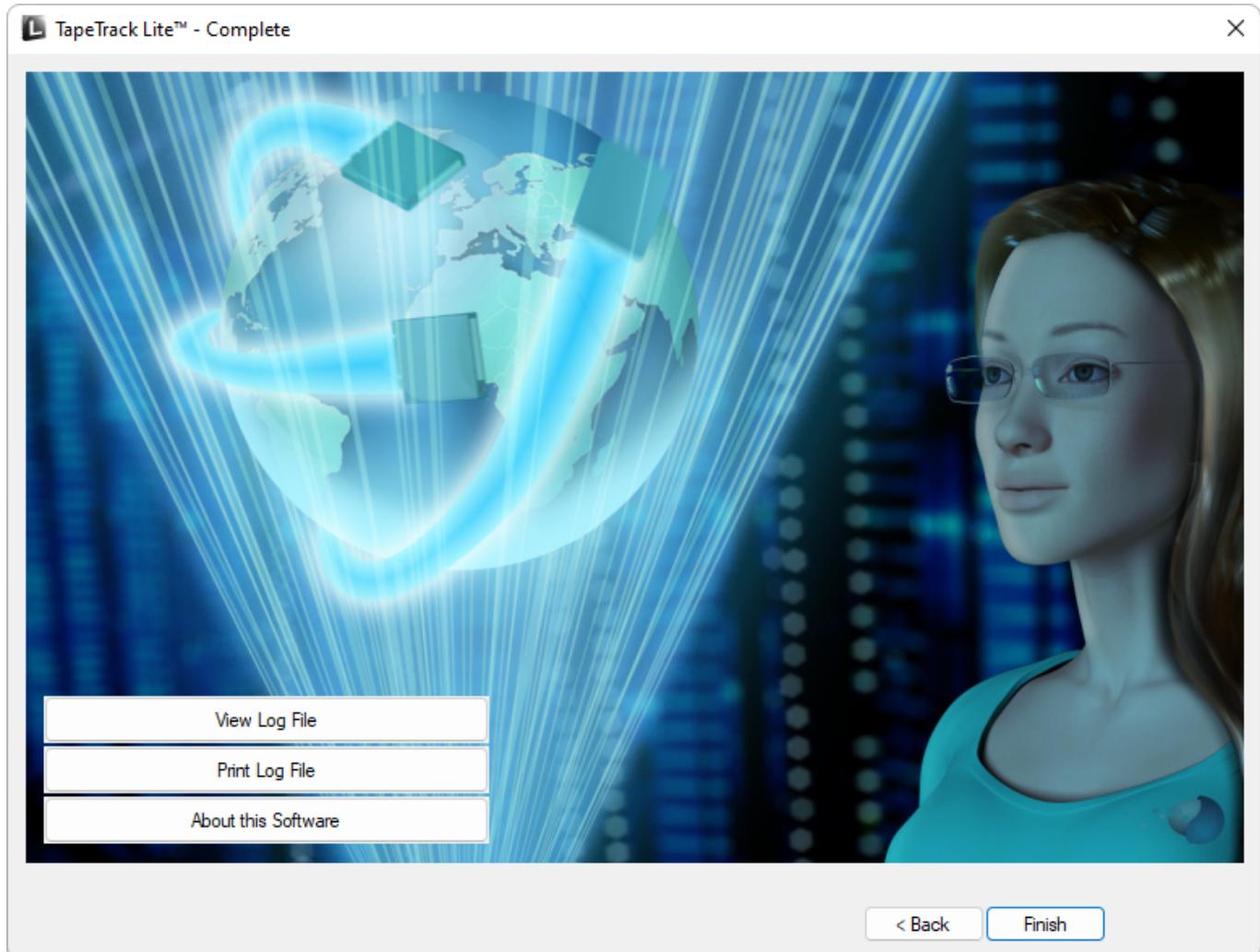
Volumes can be filtered on the volume ID and/or Status. To filter insert search criteria under Volume or Status where Enter Text here is displayed. Filter off either whole search term or use \* as a wildcard (e.g. to search for Surplus, type Surplus or S\*). Search terms are case sensitive. Click OK 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



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