

Scan To Slot Via Repository Usage Map

From the Inventory window of your required Customer and Media Type right click the Repository you want to Slot the Volumes in and select View Repository Usage Map.

The screenshot shows the TapeTrack TapeMaster™ (GazillaByte) software interface. The main window is titled 'Inventory' and displays a table of volumes for the 'Los Angeles Data Center LTO Cartridge'. The table has the following columns: ID, Current Location, Target Location, Next Move, and Description. The data in the table is as follows:

ID	Current Location	Target Location	Next Move	Description
000000L6	Library		Permanent	
000001L6	Gemtrac		Thursday, N...	Weekly
000002L6	Library	Rack A [1.2]	Friday, Nove...	Monthly
000003L6	Rack A [1.3]		Friday, Nove...	Monthly
000004L6	Library	Rack A [1.4]	Friday, Nove...	Monthly
000005L6	Rack A [1.5]		Friday, Nove...	Monthly
000006L6	Library		Permanent	Monthly
000007L6	Library		Permanent	Scratch
000008L6	Library		Permanent	Weekly
000009L6	Library	Rack A [1.9]	Friday, July 3...	Weekly
000010L6	Library		Permanent	Scratch
000011L6	Library		Permanent	Weekly
000012L6	Library		Permanent	Scratch
000013L6	Library		Permanent	Scratch
000014L6	Library		Permanent	Weekly
000015L6	Library		Permanent	Scratch

Below the table, the status bar shows: Total Items 1,597, Total Selected 3, and First Selection 7. At the bottom of the window, there is a connection security indicator: Connection 127.0.0.1 uses AES 256 bit encryption.

From the Slot allocation window you can either manually select the Slots required or use the Assignment helper function

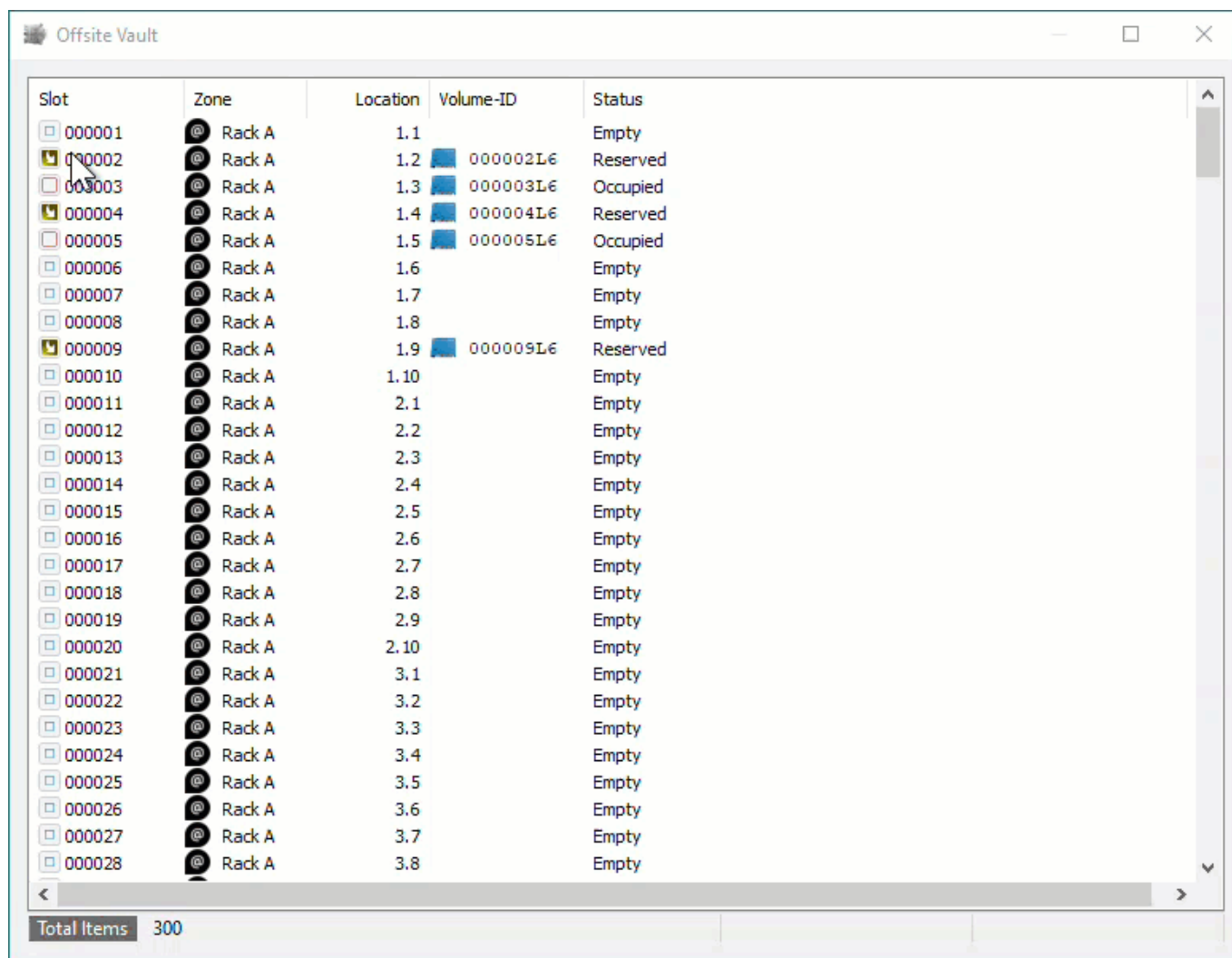
The Slot Allocation window displays Slot numbers, Zones, Slot Location, Volume-ID if Slot is allocated and Slot status - Empty, Reserved (Allocated, Volume in a move to Slot) and Occupied (Volume in Slot).

To manually select the required Slots, Shift+Click to select a range of Empty Slots or Ctrl+Click to select non adjacent multiple Empty Slots.

To use the Assignment Helper to allocate the vacant Slots for you, right click in the Slot window and select Assignment Helper.

In the field Slots Required set the number of Slots required to match the number of Volumes to be Slotted. Set the Slotting Method to suit the required outcome.

First Available will start with the first empty Slot available and then the next empty Slot until the required number are selected.



Slot	Zone	Location	Volume-ID	Status
000001	Rack A	1.1		Empty
000002	Rack A	1.2	000002L6	Reserved
000003	Rack A	1.3	000003L6	Occupied
000004	Rack A	1.4	000004L6	Reserved
000005	Rack A	1.5	000005L6	Occupied
000006	Rack A	1.6		Empty
000007	Rack A	1.7		Empty
000008	Rack A	1.8		Empty
000009	Rack A	1.9	000009L6	Reserved
000010	Rack A	1.10		Empty
000011	Rack A	2.1		Empty
000012	Rack A	2.2		Empty
000013	Rack A	2.3		Empty
000014	Rack A	2.4		Empty
000015	Rack A	2.5		Empty
000016	Rack A	2.6		Empty
000017	Rack A	2.7		Empty
000018	Rack A	2.8		Empty
000019	Rack A	2.9		Empty
000020	Rack A	2.10		Empty
000021	Rack A	3.1		Empty
000022	Rack A	3.2		Empty
000023	Rack A	3.3		Empty
000024	Rack A	3.4		Empty
000025	Rack A	3.5		Empty
000026	Rack A	3.6		Empty
000027	Rack A	3.7		Empty
000028	Rack A	3.8		Empty

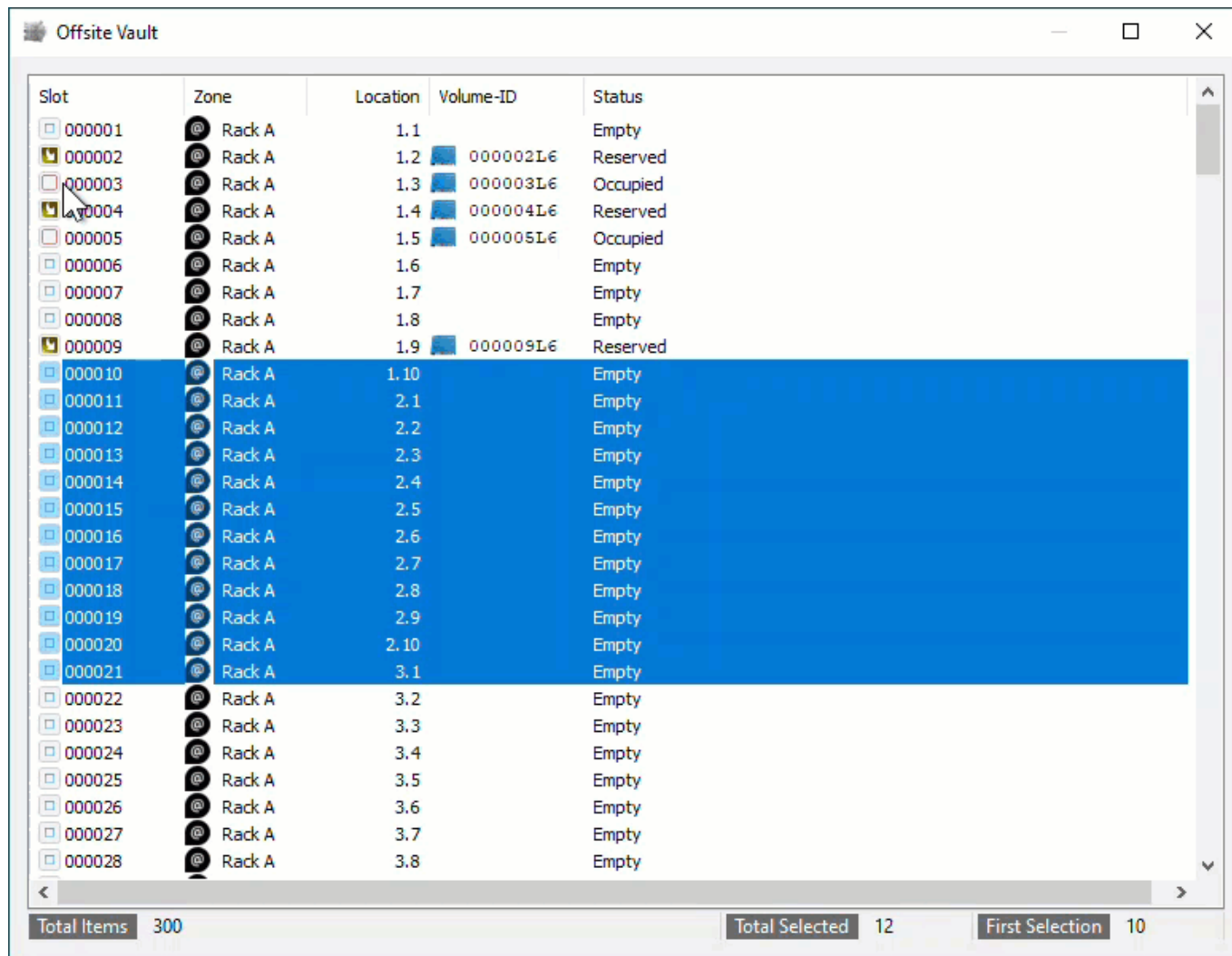
Total Items 300

Intellislot will first attempt to find a range of Slots large enough to fit the Volumes in sequential Slots and, if a range can't be found, will then select other empty Slots to accommodate the required numbers.

Slot	Zone	Location	Volume-ID	Status
000001	Rack A	1.1		Empty
000002	Rack A	1.2	000002L6	Reserved
000003	Rack A	1.3	000003L6	Occupied
000004	Rack A	1.4	000004L6	Reserved
000005	Rack A	1.5	000005L6	Occupied
000006	Rack A	1.6		Empty
000007	Rack A	1.7		Empty
000008	Rack A	1.8		Empty
000009	Rack A	1.9	000009L6	Reserved
000010	Rack A	1.10		Empty
000011	Rack A	2.1		Empty
000012	Rack A	2.2		Empty
000013	Rack A	2.3		Empty
000014	Rack A	2.4		Empty
000015	Rack A	2.5		Empty
000016	Rack A	2.6		Empty
000017	Rack A	2.7		Empty
000018	Rack A	2.8		Empty
000019	Rack A	2.9		Empty
000020	Rack A	2.10		Empty
000021	Rack A	3.1		Empty
000022	Rack A	3.2		Empty
000023	Rack A	3.3		Empty
000024	Rack A	3.4		Empty
000025	Rack A	3.5		Empty
000026	Rack A	3.6		Empty
000027	Rack A	3.7		Empty
000028	Rack A	3.8		Empty

Total Items 300

Once you have the Empty Slots selected, right click on the highlighted Slots and select Scan > Scan to Assign to open the Scan window.



The screenshot shows a window titled "Offsite Vault" with a table of tape slots. The table has five columns: Slot, Zone, Location, Volume-ID, and Status. The slots are numbered 000001 to 000028. Slots 000002, 000003, 000004, and 000005 have Volume-IDs and are marked as Reserved, Occupied, Reserved, and Occupied respectively. Slots 000009, 000010, 000011, 000012, 000013, 000014, 000015, 000016, 000017, 000018, 000019, 000020, and 000021 are highlighted in blue, indicating they are selected. The status of these slots is Empty. Slots 000022 through 000028 are also Empty. At the bottom of the window, there are three status bars: "Total Items 300", "Total Selected 12", and "First Selection 10".

Slot	Zone	Location	Volume-ID	Status
000001	Rack A	1.1		Empty
000002	Rack A	1.2	000002L6	Reserved
000003	Rack A	1.3	000003L6	Occupied
000004	Rack A	1.4	000004L6	Reserved
000005	Rack A	1.5	000005L6	Occupied
000006	Rack A	1.6		Empty
000007	Rack A	1.7		Empty
000008	Rack A	1.8		Empty
000009	Rack A	1.9	000009L6	Reserved
000010	Rack A	1.10		Empty
000011	Rack A	2.1		Empty
000012	Rack A	2.2		Empty
000013	Rack A	2.3		Empty
000014	Rack A	2.4		Empty
000015	Rack A	2.5		Empty
000016	Rack A	2.6		Empty
000017	Rack A	2.7		Empty
000018	Rack A	2.8		Empty
000019	Rack A	2.9		Empty
000020	Rack A	2.10		Empty
000021	Rack A	3.1		Empty
000022	Rack A	3.2		Empty
000023	Rack A	3.3		Empty
000024	Rack A	3.4		Empty
000025	Rack A	3.5		Empty
000026	Rack A	3.6		Empty
000027	Rack A	3.7		Empty
000028	Rack A	3.8		Empty

In the "Scan window, scan the Volumes, using your preferred scanning method (Keyboard, Scanner, Clipboard, Input File). In this example we will use Volume-ID's copied to Windows Clipboard. When finished scanning, click the X" at the top right to close the Scan window.

Scanned Volumes will show with a black font for current Inventory and greyed out font if they are new Volume-ID's (ie. don't currently exist in TapeTrack. New Volume-ID's will be added to your default Repository and placed into a move to the Repository, Zone and selected Slot. Volumes in another Repository will be placed in a move from their Current location to the Repository, Zone and selected Slot. Volumes in the selected Repository for Slotting will be left in the Current location but will be placed in a move to the Zone and selected Slot.

From:
<https://rtfm.tapetrack.com/> - **TapeTrack Documentation**

Permanent link:
https://rtfm.tapetrack.com/technote/scan_to_assign_usage_map?rev=1628557734

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