

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 'Repositories' section with icons for Gemtrac, Library, and Offsite Vault. The status bar at the very bottom indicates: 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

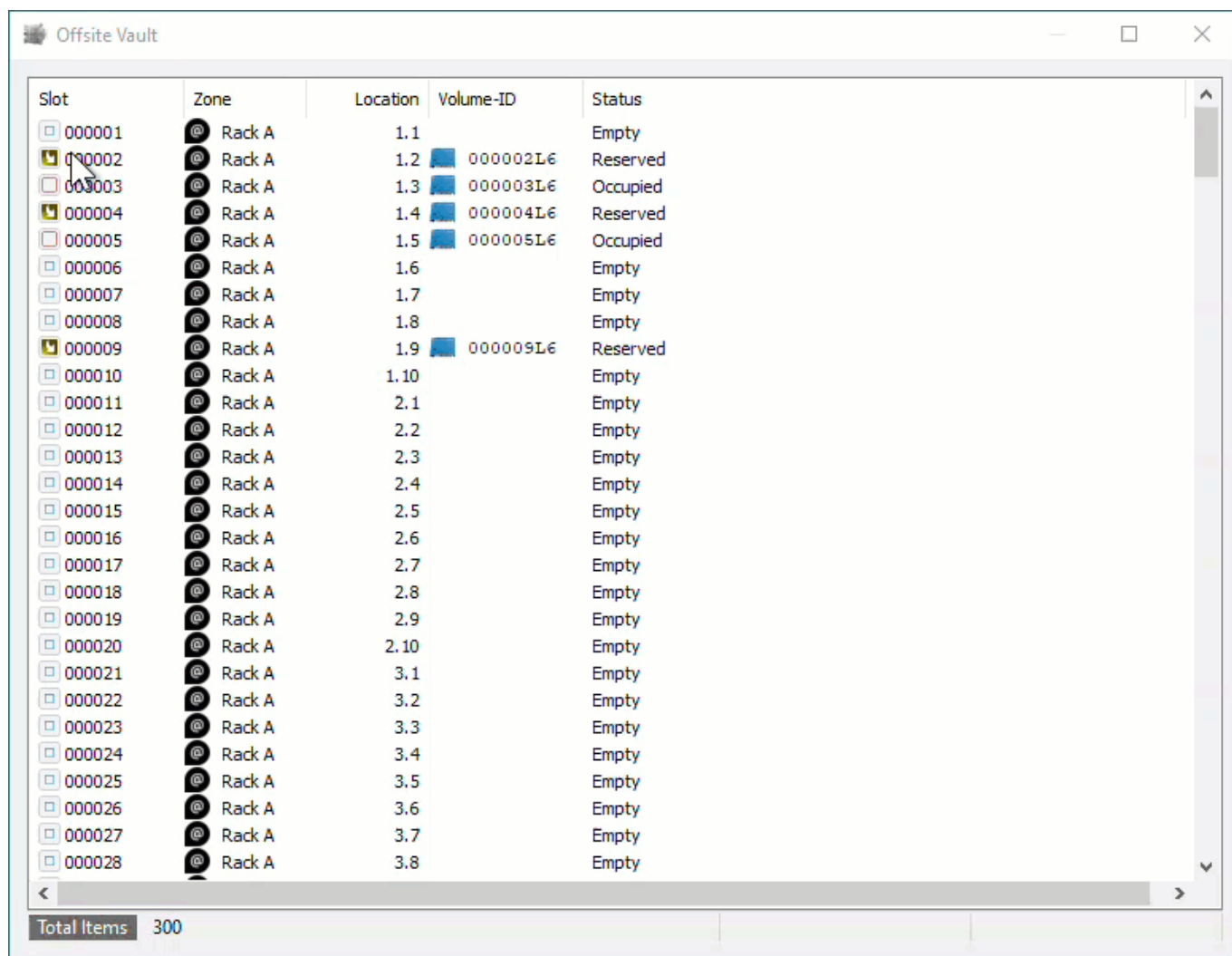
The Slot Allocation window displays Slot numbers, Zones, Slot Location, Volume-ID if Slot is allocated and Slot status - Empty, Reserved (Allocated, Volume in a move to Slot) and Occupied (Volume in Slot).

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.



The screenshot shows a window titled "Offsite Vault" containing a table with the following columns: Slot, Zone, Location, Volume-ID, and Status. The table lists 28 slots, all in "Rack A". Slots 1.1, 1.6, 1.7, 1.8, 2.1-2.9, 3.1-3.8 are empty. Slots 1.2, 1.4, and 1.9 are reserved. Slots 1.3 and 1.5 are occupied. A status bar at the bottom indicates "Total Items 300".

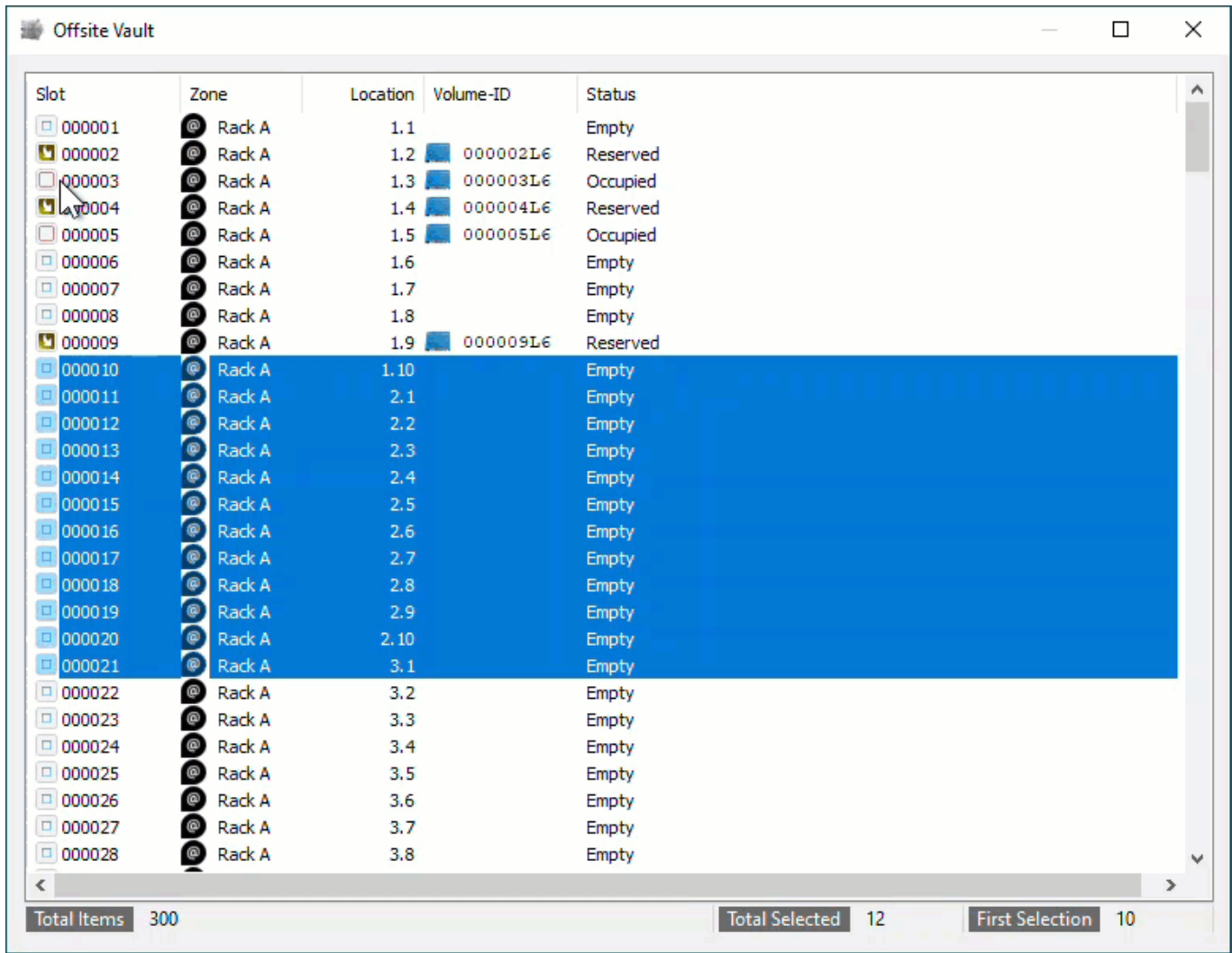
Slot	Zone	Location	Volume-ID	Status
000001	Rack A	1.1		Empty
000002	Rack A	1.2	000002L6	Reserved
000003	Rack A	1.3	000003L6	Occupied
000004	Rack A	1.4	000004L6	Reserved
000005	Rack A	1.5	000005L6	Occupied
000006	Rack A	1.6		Empty
000007	Rack A	1.7		Empty
000008	Rack A	1.8		Empty
000009	Rack A	1.9	000009L6	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

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

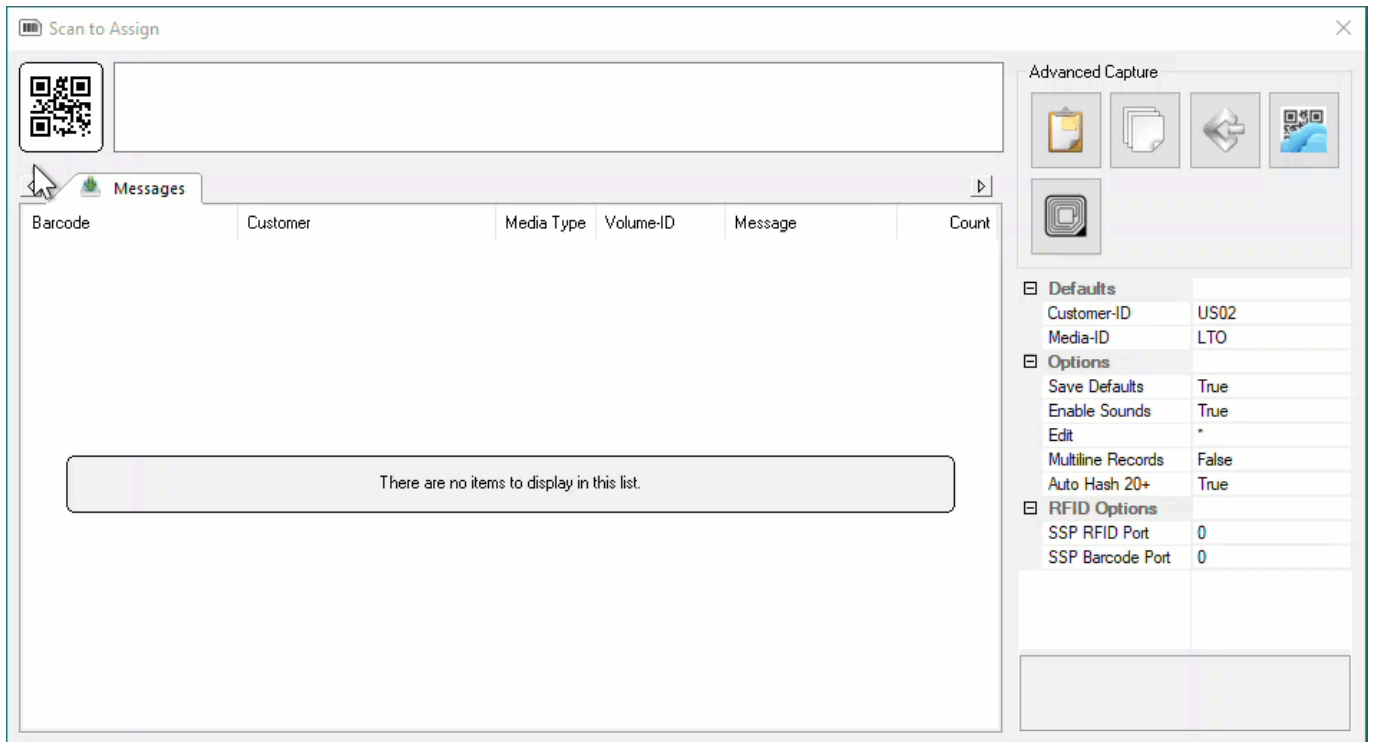
Once you have the Empty Slots selected, right click on the highlighted Slots and select Scan > Scan to Assign to open the Scan window.



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.

If you selected the exact number of Slots required, or if you under selected, you will receive a popup stating No Remaining Slots to inform you have no more vacant Slots selected. If you need more Slots close the Scan window, select more Slots and then right click and select Scan > Scan to Assign to re-open 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.



In the Slot Allocation window you will now see the Volume-ID's against the assigned Slot numbers with a status of Paste Update Pending. To commit the data, right click on the highlighted Slots and select Apply Updates to confirm the new Slot allocations. The status of the Volumes will now display Reserved.

Close the Slot Allocation window by clicking the X at the top right.

Click in the Inventory window in TapeMaster and press F5 to update the display. The Scanned Volumes will now show in a move to the allocated Slots.

Slot	Zone	Location	Volume-ID	Status
000001	@ Rack A	1.1		Empty
000002	@ Rack A	1.2		Empty
000003	@ Rack A	1.3	000003L6	Occupied
000004	@ Rack A	1.4		Empty
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		Empty
000010	@ Rack A	1.10	000006L6	Paste update pending
000011	@ Rack A	2.1	000007L6	Paste update pending
000012	@ Rack A	2.2	000008L6	Paste update pending
000013	@ Rack A	2.3	000010L6	Paste update pending
000014	@ Rack A	2.4	000011L6	Paste update pending
000015	@ Rack A	2.5	000012L6	Paste update pending
000016	@ Rack A	2.6	000013L6	Paste update pending
000017	@ Rack A	2.7	000014L6	Paste update pending
000018	@ Rack A	2.8	200100L7	Paste update pending
000019	@ Rack A	2.9	200101L7	Paste update pending
000020	@ Rack A	2.10	200102L7	Paste update pending
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 Total Selected: 12 First Selection: 10

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

Permanent link: https://rtfm.tapetrack.com/technote/scan_to_assign_usage_map?rev=1628558972

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