

PortabilityMGT

User Manual

Version 1.3.0

June 2026

Liquidware

Table of Contents


Introduction 3

1. Starting the Tool..... 3


2. The Browser Window 3

3. Search..... 4

4. Deleting Items 4

5. Size Breakdown ( Sizes)..... 4

6. Rollback / Restore (↶ Rollback) 4

7. Profile Summary Report ( Report)..... 5

8. Reset User (⚠ Reset User) 5

9. Technician Edition..... 5

10. Archive Viewer & Editor 6


11. Tips & Troubleshooting 6

Introduction

PortabilityMGT is a management tool for Liquidware ProfileUnity **Portability** profile shares. It browses profile data, shows what is consuming space, force-deletes locked or ACL-protected items, restores settings from Retention backups, and views and edits the Portability archive files themselves.

The tool ships in two editions:

- **PortabilityMGT** (full) — for administrators; manages any Portability share.
- **PortabilityMGT Technician** — for help-desk staff; scoped to pre-configured environments and (optionally) a single user profile. See section 9.

 **PortabilityMGT permanently deletes data and modifies archives. Deletions do not go to the Recycle Bin. Every destructive action asks for confirmation first.**

1. Starting the Tool










The application requires **administrator rights** (Windows prompts automatically).





Full edition — enter or browse to the root Portability folder (local path or UNC, e.g. \\server\share\Portability) and click **OK**. The last-used path is remembered.

Technician edition — select an environment (Dev/QA/Prod or as configured by your administrator) and enter the **username** whose profile you need to manage, then click **Open Profile**. Leave the username empty to open the environment share itself.

2. The Browser Window

The main window is an Explorer-style browser: folder tree on the left, file list on the right, toolbar on top, status bar at the bottom.



Toolbar item	Function
	Back / Forward / Up one level (Alt+Left, Alt+Right, Alt+Up)
Path box	Shows the current path; type a path and press Enter to jump there
 Refresh	Reload the current folder and tree
 Delete	Force-delete the selected items (or press Del) — see section 4
 Change Root /  Environment	Switch to another share (full edition) or environment/user (technician edition) without restarting
 Sizes	Size breakdown of the current folder — see section 5
 Rollback	Restore settings from Retention — see section 6 (enabled when the current folder contains a Retention subfolder)
 Report	Profile summary report across the share — see section 7
 Reset User	Delete a user's portability data while preserving Retention — see section 8


Toolbar item	Function
 / 	Toggle light / dark theme (remembered between sessions)
 Select Folder	Hand the current folder to the bulk-delete screen (section 4)
 Close	Exit

Double-click a folder to open it. Double-click an archive (.7z, .louzip, .lou) to open the archive viewer (section 10). Other files open with their default program.

3. Search

The search bar under the toolbar searches the root you opened. Two scopes:




-  **Profile folders (fast)** (default) — matches folder names directly under the root only. Use this to find a user profile on a share with thousands of profiles; results are instant because nothing is scanned recursively.
-  **Everything (deep)** — recursive search of all files and folders under the root. Use to locate a specific file or settings archive; results are capped at 1000 and show a Location column.

Press Enter to search, Escape or  **Clear** to return to normal browsing. Double-click a result folder to navigate into it.

4. Deleting Items

Portability data is frequently locked or permission-protected. The delete engine runs `takeown → icaccls → attrib` before deleting, which is why the tool must run elevated.


Two ways to delete:

- **In the browser:** select one or more items, press Del or click  Delete, confirm. A log panel shows per-item SUCCESS/FAILED results.
- **Bulk-delete screen:** click  **Select Folder** to open a checklist of everything in the current folder (with Select All / Deselect All), tick the items to remove, and click **Delete Selected**.  **Back** returns to the browser.




5. Size Breakdown (Sizes)


Shows each item in the current folder with its total size and a proportional bar so the largest consumers are obvious at a glance. Use it before clean-ups to see where the space is going (e.g. which user, or which settings group inside a profile).

6. Rollback / Restore (Rollback)

ProfileUnity keeps point-in-time backups in each profile's Retention folder. Open a user's profile folder and click  **Rollback**.

The left tree offers four restore scopes:


-  **Entire Profile (all settings)** — every setting captured in one snapshot.
-  **Group** (e.g. MicrosoftOffice365) — all parts of that ruleset (appdata, localappdata, registry) in one action.
- **Single setting** (e.g. appdata under a group) — one part only.
- **✓ Checkbox selection** — tick any combination of settings across groups; the version list then offers only dates that contain **all** ticked items, and one rollback restores them together. Ticking a group ticks all its parts; ticking  Entire Profile selects everything.

The right pane lists available versions (newest first) with coverage information, e.g. 2026-05-12 09:41:03 (3 of 3 settings). Select a version and click  **Rollback to Selected Version**. The confirmation dialog lists exactly what will be replaced.

Notes:

- Live files for the chosen settings are replaced with the backup copies. Settings **not** present in the chosen snapshot are left untouched — never deleted.
- Each setting restores independently and is logged; one failure does not stop the rest. The summary reports how many restored or failed.
- Rollback cannot be undone (the backup itself remains in Retention, though).
- Have the user log off before rolling back, and verify at next logon that the restored settings apply.

7. Profile Summary Report (Report)


A sortable per-user overview of the whole share: platform, number of settings groups, active size, number of retention versions, retention size, and total size.  **Export CSV** saves the table for capacity reviews or clean-up planning. (In the technician edition the report covers only the opened scope.)

8. Reset User (Reset User)

Deletes **all** portability data for one user while preserving every folder named Retention (at any depth), so the user starts fresh at next logon but rollback remains possible. Available when a profile folder is selected (one level below the share root; in the technician edition, the opened profile itself). The confirmation dialog explains exactly what will happen; results are logged per item.

9. Technician Edition

The technician build limits blast radius for help-desk use:

- Environments (name + share path) are defined by your administrator; you cannot enter arbitrary paths.
- With a username entered, the tool is **fenced** to that single profile — the address bar, tree, and history cannot leave it, and the share is never listed.
- With the username left empty, the selected environment share opens for broader work (e.g. when the exact profile folder name must be looked up first).
-  **Environment** in the toolbar returns to the environment/user picker at any time. The window title always shows the current scope, e.g. Portability [Prod – jsmith].
- **Reset User** is never available at a share root — only on an individual profile.

Administrators: the environment list lives in `environments.txt` next to `PortabilityMGT-Tech.exe`. Copy the installed `environments.sample.txt`, rename it, and edit — one environment per line:

```
# Lines starting with # or ; are comments
Dev=\\DMN1.FMR.com\FIDFile\FS1105\profiles
QA=\\DMN1.FMR.com\FIDFile\FS3427\profiles
Prod=\\DMN1.FMR.com\FIDFile\FS3425\profiles
```



Any number of environments and any names are allowed; the dialog adapts. If `environments.txt` is missing or contains no valid entries, built-in defaults are used. Because the file lives under Program Files, only administrators can change it, and it is preserved across upgrades and uninstalls.




10. Archive Viewer & Editor

Double-click any Portability archive to inspect it:


- `.7z` / `.louzip` — file-tree view with sizes, modified dates, and compression summary.
- `.lou` — listed through the bundled Liquidware LouZip engine.
- `.lbr.lou` (registry archives) — shown as a registry tree: click a key to see its values (name, type, data).

Preview: double-click a text-based file (xml, json, ini, txt, reg, ...) to view its content in the preview pane.

Editing (file archives, when the format allows — the status bar shows  editable or  read-only with the reason):

Action	How
Rename a file	Select it →  Rename → type the new name
Remove a file or folder	Select it →  Remove → confirm
Change file content	Double-click the file, edit the text in the preview, click  Save Changes to Archive

Format support: `.louzip` is always editable; `.7z` requires 7-Zip (`7z.exe`) on the machine (see the installation instructions); `.lou` is edited through the bundled LouZip engine. Saves are atomic — a failed save never corrupts the original archive. Edited text is written as UTF-8; original line endings are preserved. Files larger than 500 KB are preview-only.

 After editing an archive, verify at the user's next logon that ProfileUnity accepts it (archives have `.manifest` companion files that may be validated).

11. Tips & Troubleshooting

- **Buttons greyed out in the archive viewer** — the archive is read-only; the status bar states why (e.g. install 7-Zip for `.7z` editing).
- **Rollback button disabled** — the current folder has no Retention subfolder; navigate into the user's profile folder first.
- **Deletes failing** — confirm the tool is running elevated and your account has rights on the share; per-item errors appear in the log panel.

- **Slow search** — switch the scope selector to “Profile folders (fast)” when you only need to find a profile folder.
- **Theme** — the 🌟/🌙 toggle is remembered per user (%AppData%\PortabilityMGT\theme.txt).