

Installation and folders

Program Files, add-ins, Local AppData, Public Documents, .qtb / .qtm / layouts, licenses.

This guide is for IT and lab administrators. It lists every folder Quanto uses after setup, what may be shared on a network, and what can be deleted safely.

Quanto is a **64-bit Windows desktop** application (WPF, .NET 10). It is not a Windows service and does not need IIS, SQL Server, or a dedicated application server. Analysts run it on a workstation. A file server is optional for raw data, methods, licenses, and finished batches.

What the installer does

The setup program (`Quanto-<version>-setup.exe`) is an Inno Setup package.

Item	Value
Install location	<code>C:\Program Files\Quanto</code> (the wizard does not offer another folder)
Architecture	64-bit Windows only
Start Menu	Quanto group with the app, website, and uninstall
Desktop	Quanto shortcut
Folders created	<code>C:\Users\Public\Documents\Quanto</code> and <code>%AppData%\Quanto</code> (Roaming)
File associations	None. Drop a <code>.qtb</code> , <code>.qtm</code> , <code>.qtl</code> , or <code>.lic</code> onto the running window or the exe

Uninstall removes `C:\Program Files\Quanto` . It does **not** remove user settings, layouts, licenses, methods, or batch files.

The installed `quanto.exe` is a small launcher. It starts `quanto.WPF.exe` . The WPF host is a framework-dependent .NET 10 Windows app, so PCs need the **.NET 10 Desktop Runtime (x64)** unless your package already includes it.

Agilent MassHunter data that is not already indexed also needs Agilent’s converter (see [Vendor extras](#)).

Inno Setup parameters

The package is built from `Source\Quanto.WPF.iss` (Inno Setup 6). These choices are fixed in the script — the wizard does not ask for them.

What the script locks in

Setup directive	Value	Effect for IT
DefaultDirName	{pf}\Quanto	Always installs to C:\Program Files\Quanto on 64-bit Windows
DisableDirPage	yes	No “Choose install folder” page
DisableProgramGroupPage	yes	No Start Menu folder page; group is always Quanto
ArchitecturesInstallIn64BitMode	x64	64-bit only; refuses 32-bit Windows
ShowLanguageDialog	no	English only
Compression	lzma2 solid	Smaller setup; normal for desktop apps
Desktop icon	always created	No optional task — every install gets a desktop shortcut
[Dirs]	{commondocs}\Quanto , {userappdata}\Quanto	Creates Public Documents and Roaming AppData folders
Post-install launch	skipifsilent	Interactive installs offer “Launch Quanto”; silent installs do not start the app
Prerelease banner	build date + 60 days	Welcome / Ready / Finished pages show the expiry text

Uninstall uses the same AppId . Upgrading over an existing install replaces C:\Program Files\Quanto and keeps user data elsewhere.

Command-line parameters (deploy / SCCM / Intune)

Run elevated. Example setup name: Quanto-1_8-setup.exe .

Parameter	Purpose
/SILENT	No prompts; shows a progress window
/VERYSILENT	No prompts and no progress window (best for software center)
/SUPPRESSMSGBOXES	Auto-answer message boxes (use with silent)
/NORESTART	Do not reboot even if Windows asks
/DIR="C:\Program Files\Quanto"	Override install folder (still allowed even though the dir page is hidden)
/GROUP="Quanto"	Override Start Menu group name
/LOG="C:\Temp\quanto-setup.log"	Write a detailed Inno log
/CLOSEAPPLICATIONS	Close apps that lock install files (prompts unless silent)
/FORCECLOSEAPPLICATIONS	Force-close without asking
/NOCLOSEAPPLICATIONS	Never auto-close; fail if files are locked

There are **no** optional [Tasks] in this script, so /TASKS= / /MERGETASKS= have nothing to select. There is no /COMPONENTS= either — one full install only.

Typical silent upgrade

```
bat Quanto-1_8-setup.exe /VERYSILENT /SUPPRESSMSGBOXES /NORESTART /LOG="%TEMP%\quanto-setup.log"
```

After a silent install, start Quanto yourself (or via a shortcut). The setup will not launch it when /SILENT or /VERYSILENT was used.

Folder map

`` C:\Program Files\Quanto\ Program (replace on upgrade) Quanto.exe Launcher Quanto.WPF.exe
 Main application AddIns\ Vendor and integrator plugins DataProvider\ Read .D / WIFF raw files
 Integrator\ Peak detection (Quanto, Slice) MethodImporter\ Vendor method import
 VendorSupportFiles\Agilent\ Agilent native support DLLs VendorSupportFiles\Sciex\ SCIEX native
 support DLLs Layouts\Default.qtl Shipped workspace preset

C:\Users\Public\Documents\Quanto\ Machine-shared (all users) Config\ Themes.xlsx, Languages.xlsx,
 Layouts.xlsx License\ Default *.lic folder

%LOCALAPPDATA%\Quanto\ Per-user (this is the live profile) Settings.json Colors, formats, dialogs,
 MRU, license path appearance-settings.json Theme, language, zoom, density FormSettings_.json
 Window sizes for this screen layout GridSettings.xml Navigator / filter leftovers Layouts\ Workspace
 and method-editor layouts BatchReports\ Temporary Excel cache from .qtb / .qtm Recovery\ Crash
 packages pending-open.txt Second-instance file hand-off

\ Chosen by the analyst sample.d / sample.wiff Vendor raw data (do not move after extract)
QuantoResults\qtb Batch (results + chromatograms + method copy) QuantoReports... Exported Excel
/ PDF

\method.qtm Method package (user-chosen path) ``

%ProgramData%\Quanto is **not used**. Do not create it. %AppData%\Quanto (Roaming) may exist because the installer creates it; the running app reads and writes **Local** AppData.

Program folder

C:\Program Files\Quanto

Replace this folder on every upgrade. Users do not store studies here.

Add-ins

Add-ins are loaded at startup from three subfolders. Extra DLLs next to those folders are also searched (including VendorSupportFiles).

Folder	Role	Typical DLLs
AddIns\DataProvider	Open vendor data	AgilentMHData.dll , AgilentCSData.dll , SciexWiff.dll
AddIns\Integrator	Peak detect / integrate	Quanto.dll (default), Slice.dll
AddIns\MethodImporter	Import vendor methods	AgilentMHMethod.dll , AgilentCSMethod.dll , AgilentMassHunterDataMethod.dll , SciexWiffMethod.dll
AddIns\VendorSupportFiles\Agilent	Agilent native libraries	AgilentVendor.dll and related
AddIns\VendorSupportFiles\Sciex	SCIEX native libraries	Clearcore / WIFF support

Do not mix add-in versions from different Quanto builds. After an upgrade, keep the whole AddIns tree from that build.

Shipped layouts

C:\Program Files\Quanto\Layouts\Default.qtl is the factory workspace. User copies and custom presets live under Local AppData (below).

Machine-shared folders (all users on the PC)

C:\Users\Public\Documents\Quanto

Subfolder	Contents	Notes
Config\	Themes.xlsx , Languages.xlsx , Layouts.xlsx	Fast appearance catalog. Seeded on first run if empty. Edit here to add a language or theme for every user on the PC.
License\	*.lic , optional withoutlicense.txt	Default license folder. 21-day install grace; data older than 30 days is free; otherwise the instrument serial must appear in a *.lic file.

A site can point Settings → license folder at a **network share** so every PC reads the same *.lic files. The path is stored in that user's Settings.json (LicenseFolder).

Per-user profile (settings and layouts)

%LOCALAPPDATA%\Quanto

Typical path: C:\Users\<user>\AppData\Local\Quanto

This is the folder to back up, roam (if you must), or delete to reset one user. Hold **Shift** while the splash is visible to recycle settings, layouts, and/or licenses without hunting these paths.

File or folder	What it is
Settings.json	Formats, colors, plot titles, dialog sizes, quick-access folders, last batch/method paths, MRU lists, license folder, first-use date
appearance-settings.json	Theme (Light/Dark), language, UI zoom, compact/standard/spacious
FormSettings_<WxH>.json	Window geometry for the screen size at first launch (example: FormSettings_3840x2160.json)
GridSettings.xml	Older navigator/filter bits (mostly unused by Fast layouts)
Layouts\MainWindow_active\	Live docking + Fast grid column layouts
Layouts\MainWindow\Presets*.qtl	Saved workspace presets (zip)
Layouts\MainWindow\Autos\	Autosaved workspaces
Layouts\MethodEditor\	Method editor docking presets (*.qtl) and _active
BatchReports\<hash>\	Unpacked report workbooks for the open batch. Safe to delete when Quanto is closed
Recovery\	Last crash packages (Quanto-Recovery-<pc>-<stamp>.zip), max five
pending-open.txt	Brief hand-off when a second Quanto is started with a *.qtb

Fast grid files under _active\Grid\ look like Results-FastLayout-ResultsGridView.json . Docking files are DockingLayout_*.json .

Roaming profiles: keep this tree small (settings + layouts). Do not roam `BatchReports` or `Recovery`. Chromatograms belong in the study folder, not in the profile.

Study / batch folder (the important data)

Quanto does not pick a company-wide data root. The analyst chooses a **data path** (local disk, instrument PC, or share). The batch file is stored next to the raw files:

```
D:\Studies\Pesticide-2026-03-15\ Cal-01.d Cal-02.d Sample-01.d ... QuantoResults\ 2026-03-15.qtb QuantoReports\ 2026-03-15_Batch_2026-03-15_18-40-00\
```

Item	Role
Vendor files (<code>.d</code> folders, <code>.wiff</code>)	Raw acquisition. Extract reads them. Keep them; a <code>.qtb</code> does not replace the raw files if you need to re-extract.
QuantoResults\ <name>.qtb	Zip package: <code>BatchInfo.json</code> , method tables (<code>method/*.tsv</code>), result tables (<code>result/*.tsv</code>), chromatograms (<code>Time.chr</code> , <code>Original.chr</code> , <code>Modified.chr</code> , <code>TIC *.chr</code>), <code>Integrations.int</code> , optional <code>reports/*.xlsx</code> .
QuantoReports\	Excel / PDF written by Report export. Default root is the same data path.

Standard location for a batch is **always** `<data path>\QuantoResults\<name>.qtb`. A copy on the desktop still remembers the original data path inside `BatchInfo.json`, so open it only when that data folder is still reachable.

Agilent MassHunter extract also needs an index inside each sample:

```
sample.d\AcqData\MSTree2.bin
```

If that file is missing, Quanto looks for Agilent `TDAConverterConsole.exe` and writes the index **into the sample folder**. The PC account needs write permission on the `.d` folder.

Method files

Kind	Typical path	What is inside
Quanto method	Anywhere the user saves, <code>yyyy-MM-dd.qtm</code>	Zip: <code>MethodInfo.json</code> , <code>method/*.tsv</code> (analytes, quant, doses, types, AcqKeys, stored calibration), optional <code>workbooks/*.xlsx</code>
Vendor method	MassHunter / ChemStation / SCIEX folders	Imported, then saved as <code>.qtm</code> for daily use

Methods are not stored under Program Files. Put a lab “current methods” share on a **local or fast** disk if many PCs load the same `.qtm`. Loading a `.qtm` is cheap compared with extract.

A saved `.qtb` already contains a copy of the method tables used for that batch.

Layout files

Kind	Extension	Location
Workspace preset	.qtl	User Layouts\MainWindow\Presets , plus shipped Layouts\Default.qtl
Method editor preset	.qtl	User Layouts\MethodEditor\Presets
Live docking / grids	.json	User Layouts\...\ _active

A .qtl is a zip of the active docking layout plus Fast grid JSON. Users can drop a .qtl onto Quanto. Layouts do not contain results.

Permissions

Path	Users need
C:\Program Files\Quanto	Read / execute
C:\Users\Public\Documents\Quanto\License	Read (write if they install .lic files themselves)
C:\Users\Public\Documents\Quanto\Config	Read (write only if you edit themes/languages centrally)
%LOCALAPPDATA%\Quanto	Full control (created automatically)
Study folder + QuantoResults	Read/write
Agilent .d folders	Read; write if indexed conversion must run on this PC
Shared license folder	Read for analysts; write for the person who drops new .lic files

Quanto does not require local Administrator after install.

Antivirus, backup, and roaming

Real-time scanning of vendor .d folders and QuantoResults during Analyze is a common cause of slow extract and failed conversion. Exclude:

- C:\Program Files\Quanto
- Study disks or the instrument data share (or at least *.d , MSTree2.bin , *.wiff , *.qtb)
- %LOCALAPPDATA%\Quanto\BatchReports if report export is scanned heavily

Backup (in priority order)

1. Study folders (raw data + QuantoResults*.qtb + QuantoReports)
2. Method share (*.qtm)
3. License folder
4. Optional: %LOCALAPPDATA%\Quanto (settings and layouts only)

Safe to delete when Quanto is closed: `BatchReports` , `Recovery` (after you copied a crash zip), `%TEMP%\Quanto` .

Do not delete to “fix” a slow PC: `QuantoResults` , raw `.d` / `.wiff` , or `*.qtm` methods.

Vendor extras

Need	Software / path
Agilent MassHunter extract when <code>MSTree2.bin</code> is missing	<code>C:\Program Files\Agilent\MassHunter\Workstation\Quant\bin\TDAConverterConsole.exe</code> (MassHunter Quant). Better: enable indexed-data export on the instrument so conversion already happened.
Agilent ChemStation <code>.D</code>	Bundled <code>AgilentCSData</code> add-in
SCIEX WIFF	Bundled <code>SciexWiff</code> add-in + <code>VendorSupportFiles\Sciex</code>

Quanto does not install Agilent MassHunter or SCIEX Analyst.

Reset and support

- **Shift** during splash: recycle settings, layouts, and/or licenses (Recycle Bin).
- Crash zip: `%LOCALAPPDATA%\Quanto\Recovery\Quanto-Recovery-<pc>-<stamp>.zip` (settings, layout, batch snippet, logbook).
- In-app logbook is memory-only (about 2500 lines) unless a crash package is written.

Related

- [Hardware and performance \(IT\)](#) — CPU, RAM, SSD, network, batch size, purchase tiers
- Analyst how-to lives in the [user guides](#)