



System Optimizer

Check your Windows PC's storage, memory and processor health, understand what slows it down in plain language, and fix what you approve with one click, safely and reversibly.

Version 1.0.0 **Platform** Windows 10 (1809+) and Windows 11, 64-bit **Publisher** GSTechSys

1. Overview

System Optimizer looks at the three things that most affect how fast and reliable your PC feels: **storage** (disk space and drive health), **memory** (RAM) and the **processor** (CPU). It explains what it finds in plain language and gives you a list of fixes. You decide what runs.

Every session follows the same five steps:

1

Scan

Only reads your PC. Nothing is changed.

2

Report

A Health Score from 0 to 100, findings and charts.

3

Review

A list of fixes, sorted by how much they help.

4

Fix

A restore point is made first, then your chosen fixes run.

5

Results

Space freed, what changed, and the score before and after.

Safe by design

Scans never change anything, and your documents and photos are never deleted automatically.

Reversible

A System Restore point is made before fixes run, removed files are quarantined, and many changes have an Undo button.

Transparent

Each fix can show exactly what it will do before it runs, and every change is logged.

Beyond cleaning

Find what is slowing startup, see crashes, check RAM per app, and uninstall or move big apps to another drive.

2. System requirements

Operating system	Windows 10 version 1809 or newer, or Windows 11
Processor	64-bit (x64)
.NET	Not needed. Everything the app needs is included.
Permissions	Installing needs administrator rights. The app itself runs as a normal user and asks for permission only when a fix needs it.
Disk space	About 150 MB for the app, plus room for quarantined files (see Settings).

3. Installing and removing

Install

- 1 Download `SystemOptimizer-Setup-1.0.0.exe` from [GSTechSys.com](https://www.gstechsys.com).
- 2 Double-click the file. Windows asks for permission to install. Click **Yes**.
- 3 Follow the steps in the setup window. You can choose to add a desktop icon. A Start menu shortcut is always added.
- 4 When setup finishes, System Optimizer opens on its own.

Tip: If Windows SmartScreen shows "Windows protected your PC", click **More info** and then **Run anyway**, but only if you downloaded the file from [GSTechSys.com](https://www.gstechsys.com).

Uninstall

Open Windows **Settings > Apps > Installed apps**, find **System Optimizer**, and choose **Uninstall**.

Your history, logs and quarantined files in `%LocalAppData%\SystemOptimizer` are kept on purpose, so you can still restore files later. To remove everything, delete that folder yourself after uninstalling.

Moved apps: If you moved apps to another drive with System Optimizer (see [Moving apps](#)), move them back *before* uninstalling if you want them back on the original drive. They keep working either way.

4. Quick start

- 1 **Run a scan.** On the **Dashboard** or **Scan & Report** page, click **Scan Now**. It takes about a minute, because the app watches your processor and memory for a short while to get real averages.
- 2 **Read the report.** You get a Health Score from 0 to 100, with separate scores for Storage, RAM and CPU, and a list of what was found.
- 3 **Review the fixes.** Click **Review fixes**. Safe fixes are already ticked. Fixes that need a look are not. Click **Details** on any fix to see exactly what it will do.
- 4 **Run them.** Click **Run Selected**. Windows asks for permission once. A restore point is created first, then the fixes run while you watch the progress.
- 5 **Check the results.** See the space freed, what changed, and your new Health Score. Anything reversible has an **Undo** button.

Good habit: Save and close your work before running fixes that close apps or empty the Recycle Bin.

5. Dashboard

The Dashboard is the home page. It shows:

- **Health Score:** your latest score, with its Storage, RAM and CPU parts.
- **Right now:** a live view of how busy your processor, memory and drives are, refreshed every 2 seconds.

- **Scan Now:** starts a new scan.

If you see **"Running without admin rights"**, that is normal. Everything works. A few extra details, such as drive wear and temperature, the Windows component store size and real boot times, appear only when the scan runs as administrator. Use **Restart as administrator** if you want them.

6. Scan & Report

Click **Scan Now** to check your PC. You can **Cancel** at any time. Scanning only looks. It never changes anything.

What the report shows

Section	What you see
What we found	Plain-language findings, for example "Your C: drive is 91% full" or "12 programs start with Windows".
Charts	Space that could be freed by category, processor use during the scan, and memory used by app.
Drives	Free space and health for each drive (wear and temperature need admin rights).
Processor and memory	The busiest apps by processor use and the biggest apps by memory, plus possible memory leaks.
Startup programs	Programs that start with Windows, with the publisher and an estimated delay.
Slowing down start-up	Real boot times measured by Windows: how long the last start took, the average, and which apps, services or drivers slowed it (admin only).
Crashes and hangs	Windows' stability rating (1–10), apps that crashed or froze, and blue screens or unexpected shutdowns in the last 30 days.
Large and duplicate files	Big files and identical copies in your personal folders (Desktop, Documents, Downloads, Pictures, Music, Videos). These are only listed. Nothing is ticked for you.
Windows space settings	The hibernation file, Compact OS and System Restore storage.

Exporting the report

Click **Export PDF** or **Export HTML** to save the report, for example to share with a technician. Reports are saved to `%LocalAppData%\SystemOptimizer\Reports` by default.

Getting full details

Click **Restart as administrator for full details** to scan again with admin rights. This adds drive wear, temperature and error counts, the Windows component store (WinSxS) size, real boot times, and "last used" dates for apps.

7. Action List (fixing problems)

The Action List is built from what your scan found. Nothing changes until you click **Run Selected**.

Understanding the labels

Label	Meaning	Ticked by default?
Safe	Low risk. Removes only data that Windows or apps rebuild on their own.	Yes
Review needed	Helpful, but you should check what it does first, for example emptying the Recycle Bin or closing apps.	No
Advanced	For experienced users. Hidden until you tick Show advanced .	No
Needs admin	Runs through a small helper after one Windows permission prompt.	–

Available fixes

Fix	Label	Undo
Clear your temporary files (older than 24 hours)	Safe	–
Clear Windows temp files, error reports, crash dumps and the thumbnail cache	Safe	–
Clear browser caches (Chrome, Edge, Firefox). Open browsers are skipped. Cookies, passwords, history and bookmarks are never touched.	Safe	–
Clear Windows Update downloads and the Delivery Optimization cache	Safe	–
Optimize drives (TRIM for SSDs, defragment for hard drives)	Safe	–
Empty the Recycle Bin	Review needed	–
Clean up the Windows component store (DISM)	Review needed	–

Stop programs from starting with Windows	Review needed	Yes
Close running apps (system processes are never closed)	Review needed	–
Switch the power plan (Balanced or High performance)	Review needed	Yes
Remove large or duplicate files you pick (they go to quarantine)	Review needed	Yes
Clear developer caches (npm, pip, NuGet, Gradle, Yarn)	Review needed	–
Shrink the hibernation file (keeps fast startup) or turn hibernation off	Review needed	Yes
Compress Windows system files (Compact OS)	Review needed	Yes
Adjust visual effects for performance (fewer animations and shadows; smooth fonts and thumbnails kept)	Review needed	Yes
Remove the old Windows installation (Windows.old). You can no longer roll back to it.	Advanced	–
Set third-party services to start manually	Advanced	Yes
Limit storage used by System Restore (for example, to 5%)	Advanced	Yes

Running fixes

- 1 Tick the fixes you want. Use **Untick all** to start over. For duplicate files, **Tick extra copies only** keeps one copy of each file and ticks the rest.
- 2 Click **Details** on any fix to read "**Exactly what will happen**".
- 3 Click **Run Selected**. Windows shows **one** permission prompt for the whole run. Click **Yes**.
- 4 A System Restore point is created, then each fix runs. You can watch the progress and click **Cancel** to stop.
- 5 The results show **Space freed**, **Changes made**, any **Problems**, and your Health Score before and after.

If you click "No" on the permission prompt: fixes that need admin rights are skipped. The app then asks whether to run the remaining fixes without a restore point.

8. Apps

The Apps page lists every installed app, biggest first. It covers normal desktop programs and Microsoft Store apps. Use the drive filter (it starts on your Windows drive) and the **Search by name or publisher** box to find an app.

Uninstalling an app

- 1 Find the app and click **Uninstall**.
 - 2 Confirm. The app's own uninstaller runs, the same one Windows Settings uses. It may ask for permission itself.
 - 3 System Optimizer checks the app is gone and records the space freed in History.
- **Protected apps** have no Uninstall button: security software, hardware drivers, parts of Windows (Edge, WebView2, Microsoft Store, Windows Security...) and System Optimizer itself. Tick **Show protected apps** to see them.
 - **Shared component** apps (Visual C++ runtimes, .NET, Java, database drivers...) can be removed but carry a warning, because other programs may need them.

Note: No restore point is made for uninstalls. Uninstalling cannot be undone from System Optimizer. To get an app back, install it again.

Moving apps to another drive

If your Windows drive is full, apps that can be moved show a **Move to D:** button (or the letter of your other drive). Apps moved earlier show **Move back to C:**.

- **Store apps** are moved by Windows itself, the same way as the Move button in Windows Settings. One permission prompt is shown.
- **Desktop apps** are copied to `D:\Moved Apps\...`, checked file by file, and linked back to their old location so shortcuts, updates and file associations keep working. The original is deleted only after everything checks out. If any check fails, the app is put back exactly as it was.

A progress bar shows each move. **Cancel** stops it before the switch-over and leaves the original untouched. If you close the window during a move, it finishes (or stops cleanly) on its own, and the result appears the next time you open the app.

Important: Do not delete or rename folders inside `Moved Apps` . That breaks the app. Use **Move back** or **Undo** in History instead.

Limits: close the app before moving it. Apps that run Windows services or drivers from their folder, and folders shared by several apps, are not offered for moving. WSL Linux distributions (Ubuntu, Debian...) are not moved here. Use `wsl --manage <name> --move D:\WSL\<name>` after `wsl --shutdown` .

9. Memory

The Memory page shows how much RAM each app uses right now, refreshed every 3 seconds. All of an app's processes are added together, so Chrome's many processes appear as one "Google Chrome" row. The number matches the "Memory" column in Task Manager.

- Use **Search apps** to find an app.
 - Windows and background processes are hidden by default. Tick **Show Windows and background processes** to see them.
 - **Close app** ends all of that app's processes after asking you. **Unsaved work is lost.** Windows processes, background services and System Optimizer itself are never offered. Windows Explorer asks separately.
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10. History and Undo

History lists every scan and every fix run, so you can see how your Health Score has changed over time.

- **Open report** shows the full report of an earlier scan.
- **Undo** reverses a change where possible: re-enabling startup programs, restoring services and power plans, restoring quarantined files, moving apps back, and turning hibernation, Compact OS or visual effects back to how they were.
- **Open action log** opens a plain-text log of every change in Notepad.

Bigger problem? Every fix run starts with a Windows System Restore point named after System Optimizer. To use it, search the Start menu for "**Create a restore point**", click **System Restore...**, and pick that point.

11. Settings

Changes are saved right away.

Setting	What it does
Theme	Light, dark, or follow your Windows setting.
Large file size	Files at least this big (in MB) are listed as large files.
Folders to skip	The scan never looks in these folders for large or duplicate files. Use Add folder and Remove .
Keep removed files for (days)	How long quarantined files are kept so you can restore them (7 days by default). After that they are deleted for good. Open quarantine folder shows them.
Scan every week	Scans on Sundays at 12:00 (or the next time the PC is on), without opening a window. The result appears in History and as a notification.
Warn me when space or memory runs low	Checks every hour. Notifies you when the Windows drive has less than 10% (or 5 GB) free, or memory stays above 92%. At most once every 12 hours.
Logs and data	Open log folder , Export diagnostics (.zip) and Restart as administrator .

The automatic checks only read and notify. They never change anything, and they don't need admin rights. Turning a switch off removes its scheduled task.

Export diagnostics creates a zip with recent logs, settings, the latest report and basic PC facts (Windows version, RAM, drives). It contains no personal files, history database or quarantined files. Send it to support if you need help.

12. Safety promises

These rules are built into the program, not just the screens:

- **Scans never change your PC.**

- **Your documents and media are never deleted automatically.** Large and duplicate files are only listed, and you pick each one.
 - **Files you remove go to quarantine first** and can be restored for the number of days you choose.
 - **Never touched:** antivirus and Windows Security, drivers, the System32 folder, the page file, Windows Update settings and Microsoft services. Services from security and hardware vendors are shown but never offered for change.
 - **No registry "cleaning" and no forced RAM "freeing".** These popular tricks don't make PCs faster and can cause problems.
 - **Critical Windows processes are never closed.**
 - **Every change is logged** in a readable text log and in the history database.
 - **Temp files newer than 24 hours are kept,** because apps may still be using them.
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13. How the Health Score works

Storage, RAM and CPU each start at 100 and lose points for problems. The report lists every deduction, so you always know why.

Overall score = 40% Storage + 30% RAM + 30% CPU

Area	Main things that lower the score
Storage	Low free space (the biggest factor; below 20% starts to count), cleanable junk (2 points per GB, up to 20), drive health warnings, high drive wear (80%+) or temperature (60 °C+).
RAM	Memory more than 70% in use, committed memory near its limit, possible memory leaks, and less than 8 GB of RAM installed.
CPU	High average processor use, more than 5 third-party startup programs, many auto-start services, processor throttling, and the Power saver plan.

The "about N seconds faster boot" estimate uses roughly 1.5 seconds per startup program. When Windows has measured a program's real delay (admin scans), that number is used instead.

14. Where your data is kept

Everything stays on your PC in `%LocalAppData%\SystemOptimizer\`. To open it, press `Win` + `R`, type `%LocalAppData%\SystemOptimizer` and press `Enter`.

Item	Contents
<code>history.db</code>	Scans, fix runs and Undo information
<code>Logs\</code>	App logs (kept 30 days) and <code>actions.log</code> , a readable list of every change
<code>Quarantine\</code>	Files you removed, kept for the number of days you chose
<code>Reports\</code>	Exported PDF and HTML reports
<code>settings.json</code>	Your settings

Files quarantined from another drive stay on that drive, in a hidden `SystemOptimizer.Quarantine` folder.

15. Troubleshooting and FAQ

– Why does the scan take about a minute?

The app samples processor and memory use over time to get real averages and to spot memory leaks, instead of using a single snapshot that might be misleading.

– Some details say they need admin rights. Is something wrong?

No. Windows only shares drive wear and temperature, the component store size, real boot times and Prefetch "last used" dates with administrators. Click **Restart as administrator** to see them.

– I deleted a file by mistake. Can I get it back?

Yes, if you removed it within the quarantine period (7 days by default). Go to **History**, find the run, and click **Undo**. Files emptied from the Recycle Bin cannot be restored.

- **Will cleaning my browser log me out of websites?**

No. Only cache folders are removed. Cookies, saved passwords, history and bookmarks are never touched. Open browsers are skipped, so close them first if you want their cache cleared.

- **Why doesn't the app "free RAM" or clean the registry?**

Windows manages memory well on its own. Forcing it free makes apps slower when they reload. Registry cleaners bring no measurable speed gain and can break software. System Optimizer focuses on fixes that actually help.

- **A few files remained after removing Windows.old.**

On some systems a few protected files remain. Run Windows **Disk Cleanup** (as administrator) and tick "Previous Windows installation(s)" to remove the rest.

- **A moved app doesn't start.**

Make sure the drive it was moved to is connected. Removable drives must stay plugged in. If the problem continues, use **Move back to C:** on the Apps page or **Undo** in History.

- **No processor temperature is shown.**

Many laptops don't report temperature to Windows. The app then uses the processor's "performance limit" counter to detect throttling.

- **Something went wrong after a fix. What do I do?**

First try **Undo** in History. If that doesn't help, use System Restore and choose the restore point created before the run (see [History and Undo](#)). Then contact support with a diagnostics zip.

16. Support

Need help or found a problem? Visit GSTechSys.com and contact us. To help us solve it quickly:

1. Open **Settings** and click **Export diagnostics (.zip)**.
2. Attach the zip to your message, and describe what you did and what happened.

