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☐☐ RENGGLI PC SOLUTIONS - Enterprise Toolbox V14

Multi-Platform Suite (Windows | Linux | macOS)

Professional diagnostic, repair and administration solution for IT technicians

☐ CHOOSE YOUR OPERATING SYSTEM

This manual covers installation and usage on **Windows, Linux and macOS**.

Jump directly to your section: - ☐ [Instructions for WINDOWS](#) - ☐ [Instructions for LINUX](#) - ☐ [Instructions for macOS](#)

☐ WINDOWS

☐ System Requirements (Windows)

Requirement	Specification
Operating System	Windows 10/11 (Build 1809 or higher)
PowerShell	Version 5.1 or higher (pre-installed)
Privileges	Administrator (mandatory)
Disk Space	50 MB minimum
Network	Internet connection (for updates)

☐ Installation on Windows - STEP BY STEP

Step 1: Download the tool

1. Download the complete Herramienta-toolbox folder

2. Extract the ZIP file anywhere (Example: C:\Tools\)
3. You'll see this structure:

```
Herramienta-toolbox/  
├── Windows/  
│   ├── toolbox.bat  
│   └── toolbox_corporate.bat  
├── Linux/  
├── Mac/  
└── Manuales/
```

Step 2: Navigate to Windows folder

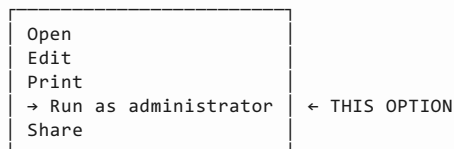
1. Open **File Explorer** (Windows + E)
2. Navigate to where you extracted the tool
3. Enter the **windows** folder
4. You'll see the files:
 - toolbox.bat (full version)
 - toolbox_corporate.bat (corporate version without MAS)

Step 3: Run as Administrator

☐ **IMPORTANT:** You must run with administrator permissions

Method 1 - Right-click (Recommended):

1. **Right-click** on toolbox.bat
2. Select **“Run as administrator”**



3. If **User Account Control (UAC)** appears, click **“Yes”**

Method 2 - From CMD:

1. Open **CMD as administrator**:
 - Press Windows + X
 - Select “Terminal (Admin)” or “Command Prompt (Admin)”
2. Navigate to the folder:

```
cd C:\path\where\you\extracted\Herramienta-toolbox\Windows
```
3. Run:

```
toolbox.bat
```

Method 3 - From PowerShell:

1. Open **PowerShell as administrator**:
 - Press Windows + X
 - Select “Windows PowerShell (Admin)”
2. Navigate and run:

```
cd C:\path\where\you\extracted\Herramienta-toolbox\Windows  
.\toolbox.bat
```

Step 4: Select Execution Profile

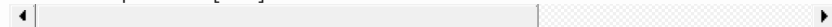
When you run it, you'll see this screen:

```
=====
=
                                RENGGLI PC SOLUTIONS - SUITE ENTERPRISE V14
=====
=
Current Log: C:\...\Logs\Audit_2024-02-10.log
```

[PROFILE SELECTION]

- 1. DIAGNOSTICS - Read-only, audit and queries (no modifications)
- 2. REPAIR - Automated maintenance and repairs
- 3. ADMINISTRATION - Full access (includes formatting and conversions)

=> Select profile [1-3]:



Choose your profile: - **1** = View information only, makes no changes - **2** = Allows repairs and cleanup - **3** = Full access (be careful with this)

Type the number and press **Enter**.

Step 5: Use the Main Menu

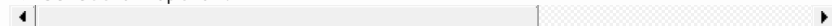
After selecting the profile, you'll see the main menu:

```
=====
=
[ HARDWARE DIAGNOSTICS ]      [ SYSTEM REPAIR ]      [
NETWORK & CONNECTIVITY ]
  1. SMART Disk Status        4. Maintenance (DISM/SFC)  7.
Network & IP Reset
  2. BIOS & Motherboard Info  5. Repair Windows Update  8.
Real Speed Test
  3. RAM Test (mdsched)      6. EMMC/Temp Cleanup      9.
DNS/Ports Audit

[ STORAGE MANAGEMENT ]      [ SOFTWARE & LICENSES ]  [
AUTOMATION ]
  10. Secure Format (Audited) 12. Update Apps (Winget) 14.
Scheduled Shutdown
  11. MBR to GPT Conversion 13. Activate Windows (MAS) 15.
Battery Report

[0] EXIT AND SAVE LOG      [00] GENERATE HTML REPORT
=====
=
```

=> Select an option:



To use a function: 1. Type the **option number** you want to use 2. Press **Enter** 3. Follow the on-screen instructions 4. The tool will guide you step by step

Step 6: Exit and View Logs

To exit: - Type **0** and press Enter - A log with all operations will be generated - A SHA256 checksum will be calculated for auditing

To generate HTML report: - Type **00** before exiting - An HTML file will be created in the Logs/ folder - It will open automatically in your browser

☐ Where are the logs?

Logs are automatically saved in:

```
Herramienta-toolbox\Windows\Logs\
├─ Audit_2024-02-10.log      (Record of all operations)
├─ Report_2024-02-10.html   (Visual report)
└─ battery-report.html      (If you used battery function)
```

☐ Troubleshooting (Windows)

Error: “You don’t have administrator privileges”

Solution: You must run with right-click → “Run as administrator”

Error: “The system cannot execute the script”

Solution: 1. Windows may have blocked the file 2. Right-click on toolbox.bat → Properties 3. If you see “This file came from another computer”, check “Unblock” 4. Click Apply → OK

The window closes immediately

Solution: Run from CMD or PowerShell to see the error

Color menu doesn’t appear

Solution: Use Windows Terminal or CMD (not PowerShell ISE)

❑ LINUX

❑ System Requirements (Linux)

Requirement	Specification
Supported Distributions	Debian, Ubuntu, Fedora, RHEL, CentOS, Arch, Manjaro, OpenSUSE
Bash	Version 4.0 or higher (pre-installed)
Privileges	root or sudo (mandatory)
Disk Space	50 MB minimum
Package Manager	apt, dnf, yum, pacman or zypper

❑ Installation on Linux - STEP BY STEP

Step 1: Download or transfer the tool

Option A - If you downloaded on Windows: 1. Copy the Herramienta-toolbox folder to your Linux system 2. Use USB, shared network, or FileZilla/SCP

Option B - Download directly on Linux: 1. Open a terminal 2. Download to your home folder: `bash cd ~ # Download or extract the file here`

Step 2: Navigate to Linux folder

1. Open a **Terminal** (Ctrl + Alt + T on most distributions)
2. Navigate to the folder:

```
cd /path/where/is/Herramienta-toolbox/Linux
```

Example:

```
cd ~/Downloads/Herramienta-toolbox/Linux
```

3. Verify you’re in the right place:

```
ls -l
```

You should see:

```
toolbox.sh
toolbox_corporate.sh
```

Step 3: Give execution permissions

- ❑ **IMPORTANT:** Scripts need execution permissions

```
chmod +x toolbox.sh toolbox_corporate.sh
```

Explanation: - `chmod +x` = Give execution permissions - This is only done ONCE

Step 4: Run with sudo

❑ **IMPORTANT:** You must run with sudo (as root)

For full version:

```
sudo ./toolbox.sh
```

For corporate version (without activation modules):

```
sudo ./toolbox_corporate.sh
```

What does each part mean? - sudo = Run as superuser (root) - ./ = Run from current folder - toolbox.sh = Script name

It will ask for your password: Type it and press Enter (You won't see anything while typing, this is normal for security)

Step 5: Select Execution Profile

You'll see this screen:

```
=====
RENGGLI PC SOLUTIONS - SUITE ENTERPRISE V14 (LINUX)
=====
Current Log: /path/Logs/Audit_2024-02-10.log
Distribution: ubuntu 22.04 | Package manager: apt

[PROFILE SELECTION]

1. DIAGNOSTICS    - Read-only, audit and queries (no modifications)
2. REPAIR         - Automated maintenance and repairs
3. ADMINISTRATION - Full access (includes formatting and critical
operations)

=> Select profile [1-3]:
```

Choose your profile: - **1** = Diagnostics only, makes no changes - **2** = Allows repairs and updates - **3** = Full access (disk formatting, conversions)

Type the number and press **Enter**.

Step 6: Use the Main Menu

You'll see a menu with **30 options** organized in categories:

```
=====
=
[ HARDWARE DIAGNOSTICS ]      [ SYSTEM REPAIR ]      [
NETWORK & CONNECTIVITY ]
1. SMART Disk Status          6. Verify System (fsck)    11.
Network Reset
2. Complete Hardware Info     7. Repair Package Manager  12.
Speed Test
3. RAM Memory Test            8. Deep Cleanup           13.
DNS/Ports Audit
4. OS System Info             9. Repair Bootloader (GRUB) 14.
Firewall Diagnostics
5. Temperature & Sensors      10. Docker Cleanup        15.
Live Network Monitor

[ STORAGE MANAGEMENT ]      [ SERVICES & PROCESSES ] [
AUTOMATION ]
16. Secure USB Format          21. Services Management    26.
Update System
17. MBR to GPT Conversion     22. Top CPU/RAM Processes  27.
Scheduled Shutdown
18. Disk Analysis             23. View System Logs       28.
Data Backup
19. Partition Mounting        24. Users & Permissions    29.
Battery Report
20. Disk Space                25. Real-Time Monitoring   30.
Verify Integrity

[0] EXIT AND SAVE LOG        [00] GENERATE HTML REPORT
=====
=
◀────────────────────────────────────────────────────────────────────────────────▶▶
```

To use a function: 1. Type the option **number** 2. Press **Enter** 3. Follow the instructions
4. Press **Enter** to continue after each operation

Step 7: Exit

To exit: - Type **0** and press Enter - The complete log will be saved - A SHA256 checksum will be calculated

To generate HTML report: - Type **00** before exiting - An HTML report will be created - It will try to open automatically in the browser

□ Where are the logs? (Linux)

Logs are saved in:

```
Herramienta-toolbox/Linux/Logs/
├─ Audit_2024-02-10.log      (Operations record)
└─ Report_Linux_2024-02-10.html (Visual report)
```

To view the log:

```
cat Logs/Audit_2024-02-10.log
```

To open the HTML report:

```
firefox Logs/Report_Linux_2024-02-10.html
# Or your preferred browser
```

□□ Troubleshooting (Linux)

Error: “Permission denied”

Solution:

```
chmod +x toolbox.sh
sudo ./toolbox.sh
```

Error: “No such file or directory”

Solution: Verify you’re in the correct folder:

```
pwd # Shows current path
ls  # Lists files
```

Error: “This script requires root privileges”

Solution: You must use sudo:

```
sudo ./toolbox.sh
```

Dependencies don’t install automatically

Solution: The tool detects and automatically installs packages like: - smartmontools (for SMART) - lm-sensors (for temperatures) - speedtest-cli (for speed test)

If it fails, install manually:

```
# Debian/Ubuntu
sudo apt install smartmontools lm-sensors speedtest-cli

# Fedora/RHEL
sudo dnf install smartmontools lm_sensors speedtest-cli

# Arch
sudo pacman -S smartmontools lm_sensors speedtest-cli
```

☐ **macOS**

☐ **System Requirements (macOS)**

Requirement	Specification
Operating System	macOS 10.14 (Mojave) or higher
Shell	Bash or Zsh (pre-installed)
Privileges	Administrator with sudo (mandatory)
Disk Space	50 MB minimum
Xcode CLI Tools	Auto-installs if missing
Homebrew	Recommended (can auto-install)

☐ **Installation on macOS - STEP BY STEP**

Step 1: Download the tool

- 1. Download the Herramienta-toolbox folder
- 2. Extract the file (double-click the .zip)
- 3. Move the folder to your preferred location (Example: ~/Documents/)

Step 2: Open Terminal

Method 1 - Spotlight: 1. Press Cmd + Space 2. Type “Terminal” 3. Press Enter

Method 2 - Finder: 1. Open **Finder** 2. Go to **Applications** → **Utilities** 3. Double-click **Terminal**

Step 3: Navigate to Mac folder

In the terminal, type:

```
cd /path/where/is/Herramienta-toolbox/Mac
```

Example:

```
cd ~/Documents/Herramienta-toolbox/Mac
```

Trick: You can drag the folder into the terminal after typing `cd` (with space).

Verify you're in the right place:

```
ls -l
```

You should see:

```
toolbox.sh
toolbox_corporate.sh
```

Step 4: Give execution permissions

```
chmod +x toolbox.sh toolbox_corporate.sh
```

Step 5: Allow execution in Security (First time)

☐ **IMPORTANT FOR macOS:**

macOS blocks scripts downloaded from the internet. To allow them:

Option A - Remove quarantine:

```
xattr -d com.apple.quarantine toolbox.sh toolbox_corporate.sh
```

Option B - If security message appears: 1. Try to run the script: `bash` `sudo` `./toolbox.sh` 2. If macOS blocks it, you'll see a message 3. Go to **System Preferences** → **Security & Privacy** 4. In the **General** tab, you'll see a message about the blocked script 5. Click **"Allow Anyway"** 6. Run the script again

Step 6: Run with sudo

☐ **IMPORTANT:** You must run with `sudo`

For full version:

```
sudo ./toolbox.sh
```

For corporate version:

```
sudo ./toolbox_corporate.sh
```

It will ask for your macOS password: Type it and press Enter (You won't see anything while typing, this is normal)

Step 7: Select Profile

You'll see this screen:

```
=====
=
                        RENGGLI PC SOLUTIONS - SUITE ENTERPRISE V14 (macOS)
=====
=
Current Log: /path/Logs/Audit_2024-02-10.log

[PROFILE SELECTION]

1. DIAGNOSTICS      - Read-only, audit and queries
2. REPAIR           - Maintenance and repairs
3. ADMINISTRATION  - Full access (critical operations)

=> Select profile [1-3]:
◀ [ ] ▶
```

Choose the number and press Enter.

Step 8: Use the Main Menu

The menu is similar to Linux, with 30 options adapted for macOS.

Mac-specific functions include: - FileVault status (disk encryption) - Gatekeeper status (app security) - SIP status (System Integrity Protection) - Time Machine backup - App Store updates

❑ Where are the logs? (macOS)

Logs are saved in:

```
Herramienta-toolbox/Mac/Logs/  
├─ Audit_2024-02-10.log  
└─ Report_Mac_2024-02-10.html
```

To view the log:

```
cat Logs/Audit_2024-02-10.log
```

To open the HTML report:

```
open Logs/Report_Mac_2024-02-10.html
```

❑❑ Troubleshooting (macOS)

Error: “Operation not permitted”

Solution: Run with sudo:

```
sudo ./toolbox.sh
```

Error: “command not found: brew”

Solution: Some functions use Homebrew. Install it:

```
/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install)"
```

macOS blocks execution

Solution:

```
xattr -d com.apple.quarantine toolbox.sh
```

Or go to **System Preferences** → **Security & Privacy** and allow the script.

Xcode Command Line Tools not installed

Solution: macOS will ask you to install them automatically. If not:

```
xcode-select --install
```

❑ PROFILE SYSTEM (All Systems)

1 📖 DIAGNOSTICS (Read-Only)

- ❑ View hardware information
- ❑ Status and queries
- ❑ Does NOT make system changes

Ideal for: - Audits - Preventive checks - When you DON'T have authorization to make changes

2 🛠 REPAIR (Maintenance)

- ☐ Everything from DIAGNOSTICS +
- ☐ Temporary file cleanup
- ☐ Automatic repairs
- ☐ System updates
- ☐ Does NOT allow formatting or conversions

Ideal for: - Daily technical support - Routine maintenance - Solving common problems

3.1 ADMINISTRATION (Full Access)

- ☐ EVERYTHING (DIAGNOSTICS + REPAIR) +
- ☐ Disk formatting
- ☐ MBR/GPT conversions
- ☐ Critical operations

☐ **CAUTION:** This profile can delete data

Ideal for: - Senior technicians - New equipment preparation - Authorized critical operations

☐ **FEATURE COMPARISON**

Feature	Windows	Linux	macOS
SMART disk status	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hardware Info	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RAM Test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Repair System	<input type="checkbox"/> DISM/SFC	<input type="checkbox"/> fsck	<input type="checkbox"/> diskutil
Updates	<input type="checkbox"/> Winget	<input type="checkbox"/> apt/dnf/pacman	<input type="checkbox"/> brew/softwareupdate
Network Reset	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Speed Test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Disk Formatting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MBR → GPT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Docker	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Firewall	<input type="checkbox"/>	<input type="checkbox"/> UFW/firewalld	<input type="checkbox"/>
Battery Report	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ **SUPPORT**

Problems or questions? - ☐ Email: soporte@renggli-solutions.com - ☐ Complete documentation in `Manuales/` folder

☐ **VERSION**

Toolbox V14 Multi-Platform - Windows: 15 modules - Linux: 30 modules - macOS: 30 modules

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