

VWAR Scanner User Manual

Version: 1.0

Developer: BITSS Team

Product Type: Malware Scanner + Backup + Auto Protection

Table of Contents

1. Introduction
 2. System Requirements
 3. Installation
 4. Activation
 5. Home Page Overview
 6. Manual Scan
 7. Backup System
 8. 7.a Manual Backup
 9. 7.b Restore
 10. 7.c Auto Backup
 11. Real-Time Monitoring
 12. License Terms & Status
 13. Updating the Software
 14. Troubleshooting & Support
-

1. Introduction

VWAR Scanner is an all-in-one security tool designed to help users: - Detect malware threats using YARA rules - Back up important files - Monitor the system in real-time - Protect data with license-locked access

2. System Requirements

- Windows 10 or later (64-bit)
 - 200 MB free disk space
 - Internet connection for updates & activation
-

3. Installation

1. Run the `VWAR_Installer.exe` file
2. Accept the License Agreement
3. Choose the installation path

4. Complete the setup and launch VWAR

⚠ Admin rights are required for installation and execution.

4. Activation









On first launch: - You will be prompted to activate your license - Activation requires a valid license key and internet connection - Your hardware ID is locked to your license


Activation data is securely encrypted in your system.

5. Home Page — Dashboard Overview






The **Home Page** is the central dashboard of the VWAR Scanner. It greets the user upon launch and provides an at-a-glance overview of system status, license validity, protection, and update status.

What You'll See

Section	Description
User Info	Displays the name of the activated license holder and the license expiration date. This information is securely loaded from your encrypted activation file.
 License Validity	Shows how many days are left before your license expires. If it's within 7 days, a warning is displayed.
 Auto Scan Status Indicator	A small animated blinking dot (green or red) shows if real-time file monitoring is active. You cannot toggle it from here, but it's a live status indicator.
 License Notice	A message appears based on your license state:
-  Active	
-  Expiring Soon	
-  Payment Overdue	
-  Suspended	
The message is dynamically chosen using your license's expiration date.	
 Update Checker	Automatically checks for new versions of VWAR Scanner online.





Section	Description
- If an update is available, an “Update Available” button appears.	
- Clicking the button opens the official download page in your browser.	
If you are up to date, a message like “You are using the latest version” is shown.	
 System Information (Optional)	May include app version, update timestamp, and your machine ID (for license validation).

What You Can Do From the Home Page

Action	Result
 View license status	Know if your license is valid, about to expire, or suspended
 Check protection status	Confirm whether the real-time scanner is running
 Update the app	Click the “Update” button to download the latest version (if available)
 Access License Terms	Use the right-side button to view all license policies
 Use this as a safe starting point	No system scanning or action happens on this page — it’s purely for status and orientation

License Logic Displayed Here

This page pulls live data from your encrypted license file and checks the current date to decide what status to show:








Date Comparison	Message Displayed
More than 7 days left	 License is active
Within 7 days of expiry	 Expiring Soon warning
Past expiry, not paid	 Auto-Renewed but Payment Pending
More than 7 days overdue	 License Suspended

Think of this page as your **security command center** — glance here any time to know your protection and license status.


6. Scan Page — Manual Malware Scanning

The **Scan Page** allows you to manually scan files or folders on your system for potential malware. It uses powerful YARA rules — a pattern-matching system designed to detect known and suspicious behaviors in files.

What You'll See

Element	Description
 Folder/File Selection	A “Browse” button to let you choose a folder or file you want to scan manually. You can scan a single file, an entire folder, or an entire drive.
 Scan Button	Once a folder or file is selected, click “Scan” to begin the malware analysis. The scan uses YARA rules stored in the app's <code>assets/yara/</code> folder.
 Scan Results Panel	Displays a list of all files scanned along with:
-  Clean if no issues found	
-  Detected: RuleName if a file matched a known suspicious pattern	
 Quarantine Action	If any files are flagged as suspicious or malicious, they are automatically moved to a quarantine folder to prevent execution.
 Scan Logs (optional)	Some versions may also display scan activity and detection count for transparency.

How to Use the Scan Page

1. **Click “Browse”**
Select a file, folder, or drive you want to scan.
2. **Click “Scan”**
The app will:
 3. Recursively check all files inside the selected folder
 4. Match them against the latest loaded YARA rules
 5. Display results in the lower panel
6. **Review the Results**
7. If a file is clean:  Status shown

8. If malware is detected: ⚠️ File is quarantined automatically

9. (Optional) Restore or Manually Review Quarantined Files

10. VWAR doesn't provide a GUI list for quarantined items.

11. If needed, you can **restore files manually** from the auto-backup system (see backup section).

How Quarantine Works

- Files that match a YARA rule are moved from their original location into a **hidden quarantine folder**.
- This prevents them from running and harming your system.
- Files are renamed and logged to avoid confusion.

Notes for Safe Usage

- You can **scan external drives or USBs** before opening them to prevent malware spread.
- If you suspect false positives, check the filename and restore using auto backup.
- Only scan files you trust — malicious scripts may run if opened.

The Scan Page allows users to manually scan files or folders.

Features: - Select files or folders to scan - Uses YARA rule engine - Results panel displays clean or infected status - Suspicious files are automatically quarantined

Note: Files in quarantine can be restored via the Auto Backup system.

7. Backup System

VWAR Scanner provides a secure, user-friendly backup system divided into three pages:

Page	Purpose
7.a Manual Backup Page	Back up files/folders on demand
7.b Restore Page	Restore previously backed-up files
7.c Auto Backup Page	Automatically back up files daily into rotating folders

7.a Manual Backup Page

This page allows you to select important files or folders and back them up manually.

What You'll See -  **File/Folder Selector** – Click “Browse” to select a file or folder. -  **Destination Folder** – Choose where backups are stored. -  **Backup Now Button** – Saves the selected items to the destination with a `.backup` extension.

How It Works - Backs up selected items without altering originals. - You can safely restore them later via the Restore page.

7.b Restore Page





Restore files you backed up manually or through auto backup.

What You'll See -  **Backup File Selector** – Browse for `.backup` files. -  **Restore Destination** – Choose where to place the restored file. -  **Restore Button** – Recovers the original content and file name.

How It Works - Restores backed-up files from any previous session. - Useful for recovering accidentally deleted or quarantined items.

7.c Auto Backup Page

This page automates the backup process to protect your files daily.

What You'll See -  **Set Backup Time** – Define when daily backup should run. -  **Folder Selector** – Choose files/folders to include. -  **Backup Destination** – Where to save the daily backups. -  **Run Auto Backup Now** – Manually trigger a backup.

How Auto Backup Works - Uses 7-day rotation folders: `day1_YYYY-MM-DD`, ..., `day7_YYYY-MM-DD` - Preserves folder structure - Oldest day is overwritten each week

Restoring a File from Auto Backup 1. Open the **Restore Page** 2. Browse to your VWARBackup folder (e.g., `day3_2025-06-25`) 3. Find the original folder and file 4. Click **Restore**






Especially helpful if a file is quarantined or deleted and you need a clean backup copy.

8. Real-Time Monitoring — Auto Scan Protection

The **Real-Time Monitoring** module (also called Auto Scan) protects your system continuously. It watches your selected folders and drives for any new or modified files and scans them instantly using VWAR's YARA rule engine.

This system behaves similarly to antivirus protection — always running in the background.

What You'll See on the Auto Scan Page

Element	Description
 Status Display	Indicates whether monitoring is currently active or stopped.
 Watched Folders	Shows the list of folders being monitored. You can add or remove paths.
 Start Monitoring /  Stop Monitoring	Button to manually enable or disable auto scanning.
 Scan Log (Optional)	May show recent auto-scan events for review.




How It Works

- VWAR uses the `watchdog` engine to monitor file system events.
- Any **newly created** or **modified** file inside a watched folder is scanned automatically.
- If a file matches a YARA rule, it is:
 - Immediately quarantined
 - Its action is logged internally

Quarantine Behavior

- Files are moved from their original location into a hidden, secure quarantine folder.
- They are renamed and locked to prevent access.
- You will see a system notification or in-app alert when a file is quarantined.

Tips & Notes

-  Real-time protection starts automatically when VWAR is launched.
-  If turned off, your system won't be auto-scanned until re-enabled.
-  Auto-scan integrates with **Auto Backup** — meaning you can recover a falsely quarantined file if it was backed up earlier that day.
- ☐ Add only trusted folders (e.g., Downloads, Documents) to monitoring to reduce noise.

9. License Terms & Status

Shows current license status based on today's date.

States: -  Active -  Expiring Soon -  Renewed But Unpaid -  Suspended

Includes: - Reactivation fee info - Auto-renewal rules - Contact and support links



10. Updating the Software

- Auto-checks for updates at launch
- “Update Now” appears if available
- Click to download from the official server

Stay updated for the latest YARA definitions and features.

11. Troubleshooting & Support

Common Issues: - VWAR won't start → Run as Administrator - License expired → Renew via your account portal - File won't restore → Check you selected the correct `.backup` file

Support Contacts: -  Email: support@bobosohomail.com -  Website: www.bitss.fr

Thank you for using VWAR Scanner — your trusted digital defense.