User Guide

Scanning, reading verdicts, clean copies and inspection reports

Shield3D v2.7
November 2026

1. What Shield3D does
2. The main window
3. Scanning
4. Reading the verdicts
5. Clean copies and inspection reports
6. Checking and cleaning this PC
7. Updating definitions and ClamAV
8. Language and where data is stored
9. Troubleshooting

1. What Shield3D does

Shield3D scans Maya scene files (.ma / .mb), scripts and zip archives without launching Maya. When it finds malware, it creates a “clean copy” with only the malicious parts removed.

- **Scan before opening**: files are only analysed, so code inside a scene never runs.
- **Scan in bulk**: scan whole folders and zip archives, hundreds of files at once.
- **Clean copies, automatically**: only malicious nodes and code are removed, and every clean copy is rescanned before it is written. Your originals are never changed.
- **Inspection reports (PDF)**: when, how and what was scanned, what was found and what was done — ready to send to your client.
- **Files never leave your computer**: all scanning happens locally.

Clean copies and inspection reports require Standard or above (including the free trial). Scanning, PC check and PC clean-up are available on every plan.

2. The main window

Area	What it does
Items to scan	Choose data with “Add folder...” or “Add files...”, or drag and drop here. “Remove selected” / “Remove all” clear the list.
Options	Create clean copies / Create inspection report PDF / Copy files with no issues into the clean folder too / Strict mode / Look up hashes on VirusTotal / Zip password
Start scan	Starts scanning. Results open in your browser when it finishes.
Results folder / Open report	Open the results of the last scan.
Plan (top right)	Your current plan (days left during a trial). Click it to open the License window.
Menus	File / Tools (update definitions, PC check, PC clean-up, rebuild report) / License / Help / Language / 言語

3. Scanning

1. Start Shield3D (Start menu, or Launchpad on Mac).
2. Choose the delivery folder, scenes or zip with “Add folder...” or “Add files...”.
3. Tick the options you need (see below).
4. Click “Start scan”. The results open in your browser when it finishes.

Option	What it does
Create clean copies	Writes clean copies of affected files to the “cleaned” folder in the results folder. Originals are not changed.
Create inspection report PDF	Creates a report you can send to your client. Enter a “Client name (report addressee)” to address it, or leave it blank.
Copy files with no issues into the clean folder too	Makes the clean folder a complete delivery set.
Strict mode	Also removes non-standard auto-run script nodes rated “Review”.
Look up hashes on VirusTotal	Sends only file hashes to VirusTotal (never the files). Requires your own Premium API key.
Zip password	For password-protected zip archives.

4. Reading the verdicts

Verdict	Meaning	What to do
Infected	Known malware, or detected by an antivirus engine	Do not open in Maya. Use the clean copy or ask for a new delivery
Dangerous	Suspicious code that runs automatically when opened, hidden code, embedded executables and similar (possibly an unknown variant)	Same as above
Review	Not necessarily malware, but not normally found in a delivery (non-standard auto-run nodes, .exe, userSetup, etc.)	Check the contents
Unreadable	Could not be read (password-protected, damaged, etc.)	Extract or give the password and scan again
Clean	Nothing was found	—

For each file, the results show what was found and where (node name, line), the decoded content of obfuscated code, network indicators (URLs, IP addresses) and the SHA256.

5. Clean copies and inspection reports

How cleaning works

File	What happens
.ma	Removes only the malicious nodes and the lines that reference them. Nothing else changes, byte for byte.
.mb	Overwrites malicious code with blanks of the same length and disables auto-run (neutralizing). The file structure is unchanged, so it still opens in Maya. Only the node names remain.
userSetup	Removes only the lines the malware added.
zip	Rebuilt with the cleaned files inside.
Malware files and executables	Cannot be repaired, so they are left out of the clean copy.

Every clean copy is rescanned. If a problem remains, it is marked “Cleaning failed” and not written.

> The first few times you open a clean copy (especially .mb), turn off Maya's “Execute script nodes” and check that everything looks right. Always keep your original data.

Inspection reports

Tick “Create inspection report PDF” before scanning and the report is saved in the results folder. To create a report from an earlier scan, use Tools → “Rebuild inspection report...” (you can enter the addressee there too). The issuer is your company name (Pro and above can customise it in the `report` section of the settings file).

6. Checking and cleaning this PC

If an infected file may already have been opened, check this computer's Maya environment (available on every plan).

1. Tools → “Check this PC's Maya environment”. Shield3D scans the Maya user folders (userSetup, scripts, etc.), environment variables and the Maya install folders.
2. If malware is found, close all Maya windows and run “Clean up this PC's Maya environment”. Originals are moved to the quarantine folder.

> Files rated “Dangerous” that are not known malware are not deleted automatically. Check their contents.

7. Updating definitions and ClamAV

Tools → “Update malware definitions” updates Shield3D's definitions. New malware can be covered without reinstalling (every 30 days on the Free plan; same day on Standard and above).

Installing ClamAV (free) widens detection of common viruses, trojans and more.

- Windows: install the Windows version from https://www.clamav.net/downloads
- Mac: with Homebrew, `brew install clamav`

Then click “Update malware definitions”; ClamAV's definitions are updated at the same time (no admin rights or config editing needed). Tools → “Check scan engines” shows which engines are available. On Windows, Microsoft Defender is used automatically.

8. Language and where data is stored

Menu “Language / 言語”: Automatic (match OS language), 日本語 or English. The change applies after restarting.

	Settings, definitions, quarantine	Scan results
Windows	`%APPDATA%\Shield3D`	`Documents\Shield3D\Results`
Mac	`~/Library/Application Support/Shield3D`	`Documents/Shield3D/Results`

Each results folder contains the results (HTML, CSV), `report.json`, clean copies and reports. When contacting support, send `report.json` — we can reproduce the verdicts without your files.

9. Troubleshooting

Problem	Solution
“Create clean copies” is unavailable	Not included in the Free plan. Click the plan button (top right) to switch to a paid plan or start a free trial.
A zip is “Unreadable”	If it is password-protected, enter the password in “Zip password” and scan again.
ClamAV shows “Not installed”	Install ClamAV, then click “Update malware definitions”.
The report is not created as PDF	Microsoft Edge or Google Chrome is required. You can also open the HTML version in a browser and use Print → Save as PDF.
Your OS shows a warning when opening the app	See the Installation and Activation Guide.
Subscription, invoices or releasing a PC	Use the customer portal (`/portal`, available in English). For anything else, use “Contact” on the product website.

No scanner can guarantee that a file is free of every threat. Keep your original data even when you use clean copies.

Shield3D is not affiliated with or endorsed by Autodesk, Inc. Autodesk and Maya are registered trademarks of Autodesk, Inc. in the USA and other countries.
© Cave Studio Inc.