

Hunna System USB Sanitiser

The Hunna System is portable, air-gapped USB sanitiser. Integrated with Glasswall's Rebuild SDK, it leverages the industry's leading CDR technology to ensure files and data imported or exported on USB are clean and safe. Built to meet the highest standards of security in the field, the Hunna System delivers military-grade file safety with a simple and intuitive user interface.

Problem

Importing and sharing of data in the field is often done via USB and is inherently risky. Not only does military field work make it difficult to scan files and update anti-virus engines in real time, but the sophisticated nature of threats aimed at defence organisations can often evade these detection-based technologies.



Solution

Developed and deployed with the Swedish Armed Forces, the Hunna System solves this problem. Integrated with Glasswall's Rebuild SDK, the Hunna System is a portable, air-gapped USB sanitiser that allows users to:

- Import and export of information on USB media, CD/DVD, SD cards without the risk of infecting receiving information systems
- Removes forensic traces of secret information during the import process
- Allows for the safe import and sharing of data in any physical environment

Support for a Wide Range of Disk File Formats

Disk File Formats

FAT32, ExFAT, NTFS, EXT4, UDF (DVD), ISO 9660 (CD)

Support for the Most Widely Used File Types

Productivity Files

Microsoft Office OXML ('03 onwards)

Word	DOCX, DOTX, DOCM, DOTM
Excel	XLSX, XLTX, XLSM, XLTM
PowerPoint	PPTX, POTX, PPSX, PPTM, POTM, PPSM

Microsoft Office Binary ('97 to '03)

Word	DOC, DOT
Excel	XLS, XLT, XLM
PowerPoint	PPT, POT, PPS

Adobe Acrobat

PDF

Image Files

JPEG, JPG, JPE, PNG, GIF

Video Files

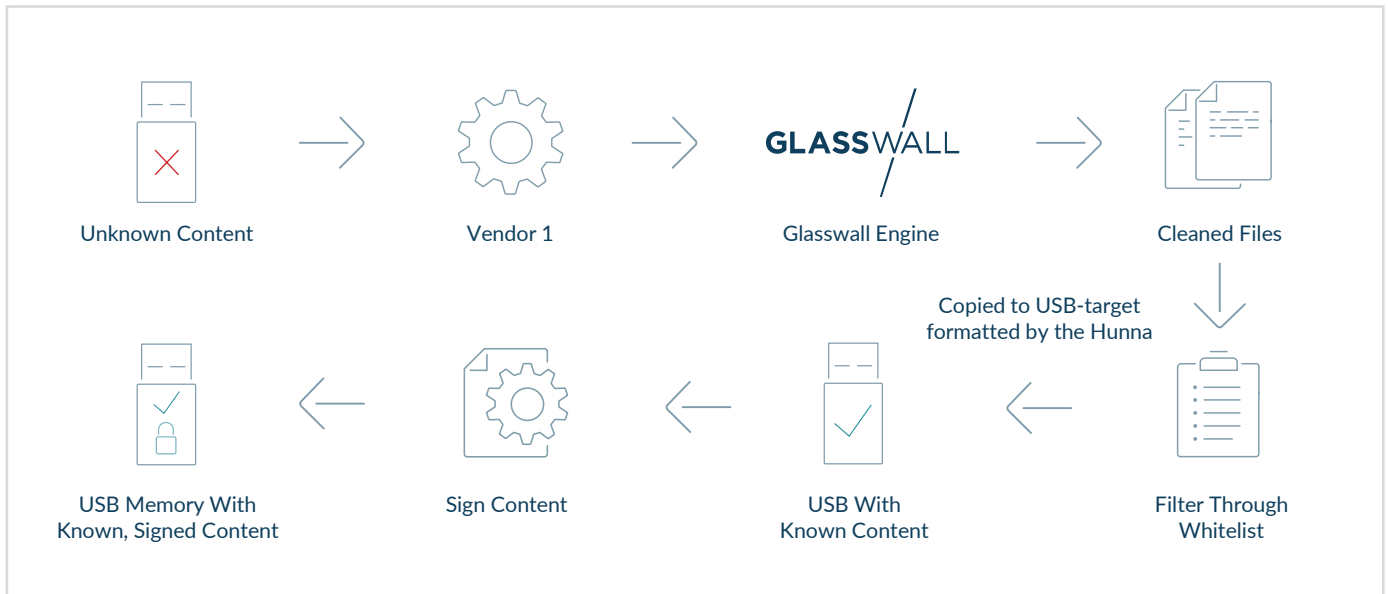
MP3, MP4, MPG, WAV



How Does it Work?

Hunna uses a scan/copy process that moves data from one USB through the system and saves the trusted data on another.

- Files and documents are scanned through up to five AV engines to search for known malware.
- They then undergo complete file regeneration by Glasswall Rebuild, ensuring that all files conform to a standard of 'known good'.
- The safe files are filtered through a whitelist before being copied to a target USB and are signed. The target memory is also signed.



Measurements	The device	Device incl packaging
Height	104 mm	188 mm
Width	180 mm	502 mm
Depth	328 mm	400 mm
Weight	3,5 kg	7,5 kg

Energy requirements

The Hunna device is powered by an electrical adapter with the output of 19 V 4.74 A.



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