

XD Air™

FiST



Assured Information Sharing (AIS) Solution

Tresys XD Air delivers high security and performance in an appliance-based device for inspection, cleansing and filtering of USB devices, CDs, and DVDs.

XD Air [USG program name FiST] is a kiosk that enforces the only operating policy that can protect an environment from Zero-Day malware exploits: permitting only known good content to enter a facility, network, or system. USB "thumb drives" are widely used to share vital information in operating locations, move data between partners, deliver command instructions and situation briefs and a wide variety of other applications. Unfortunately, USB drives are a primary attack vector for advanced viruses and malware, particularly for attacks targeted at physically isolated networks and critical systems. As a result their use has been restricted or even banned in some environments. Tresys XD Air is a unique solution that cleanses USB devices, CDs, DVDs and files to enable secure use of the devices in mission critical environments.

Isolated Environments Uses SELinux and Tresys VM Fortress to positively isolate the "dirty" side of the application from the "clean" side where sanitized files are stored.

Adaptable Filters Provide state of the art identification of advanced malware and viruses and integrates new filters as other attacks are identified in the future. Filtering features include the following:

- Detect virus or malware infected files
- Clean and verify files are cleansed
- Remove unknown file types
- Remove steganography
- Analyze, remove, and cleanse embedded objects
- Remove or cleanse color or size obfuscated text
- Remove macros from documents
- Remove or cleanse metadata
- Remove unrecognized data
- Validate file formats
- Hidden content identification and cleansing

Forensic Capability Stores "dirty" data in controlled and isolated environment for forensic analysis; critical in threat detection to adapt XD Air to evolving attacks.

Supported File Types

XD Air supports many file types, including the following:

Microsoft® Office (97-2007)

- Word (.doc, .docx, .docm)
- Excel (.xls, .xlsx, .xlsm)
- PowerPoint® (.ppt, pptx, .pptm)

Text and Presentation Files

- ASCII text files (.txt)
- Portable Document Format (.pdf)

Compressed Files

- BWT zip (.bz2)
- UNIX tar (.tar)
- Pkzip (.zip)
- GNU zip (.gz)

Image Files

- Joint Photographic Experts Group (.jpg, .jpeg)
- Windows® Bitmap (.bmp)
- Tagged Image Format (.tif, .tiff)
- Windows® Metafile (.wmf)
- Windows® Enhanced Metafile (.emf)
- Graphics Interchange Format (.gif)
- Portable Network Graphics (.png).

About Tresys

Tresys innovates and applies advanced technologies to quickly solve the needs of customers requiring agile responsiveness to security requirements. By leveraging secure open source software, our products and services support the most sensitive security missions around the world. As a result Tresys enjoys a distinct reputation for shifting the way governments and businesses approach security. For more information, visit: www.tresys.com.

