

# 3 Tenets

Focus on  
What's  
Critical

Move it  
Out-of-  
Band

Detect, React  
Adapt

# Encryption Wizard

## Strong Cross-Platform File Encryption



- Free!
- Protects *all* file types
- 128-bit AES encryption
- FIPS 140-2 cryptography
- Drag-and-drop files or folders
- Uses PKI/CAC or passphrase keys
- Cross-platform Java application
- On Air Force Enterprise Products List

### Fast, Easy-to-Use Protection

Quickly and easily protect your important data inside and outside your organization. Encryption Wizard (EW) provides a user-friendly, drag-and-drop, single-window interface to encrypt any type of file on nearly any computer or media.

To encrypt files or directories, simply drag them into the EW window, press Encrypt, and enter a passphrase and/or use a PKI certificate.

EW can also create encrypted (and optionally compressed) archives of files and directories.

### Free Public Version

Download now from [spi.dod.mil](http://spi.dod.mil).

### Free FIPS Version

This restricted version uses a FIPS 140-2 validated encryption module from RSA® for use by the federal government and its contractors. Encrypted files are compatible with the public version. Escrow keys can be embedded for use in your enterprise. To obtain the FIPS version or customize for your enterprise, contact the Software Protection Initiative.

### Cryptographically Strong

Encryption Wizard protects data on your network, while stored on media, and during transmission across the Internet using a FIPS 140-2 validated module. 128-bit AES encryption, SHA-256 hashes, and RSA digital signatures meet DoD requirements for transmitting and storing critical unclassified information.

### Enterprise Ready

Encryption Wizard aims to protect data wherever stored and however transmitted between dissimilar networks, platforms, and operating systems for a broad range of users. Listed on the Air Force Enterprise Products List, EW complements Data-at-Rest products for defense-in-depth and granular control. Optional command line interface permits scripting of data protection. Installation packages available for common enterprise software distribution systems.

### System Requirements

- Java Runtime Environment SE, v1.5 (or newer)
- Administrator access not required for installation



## Software Protection Initiative

The Software Protection Initiative (SPI) protects critical DoD intellectual property against nation-state class threats by taking an alternative approach to security based on 3 Tenets - 1) Focus on What's Critical, 2) Move it Out-of-Band, and 3) Detect, React, Adapt. SPI researches, designs, develops, tests, and deploys protections to prevent piracy, tampering, and reverse engineering of critical software code and data. SPI builds cost effective, adoptable, strong defenses from today's commercial components. The Air Force Research Laboratory's ATSPI Technology Office manages SPI for the DDR&E via the High Performance Computing and Modernization Program.

### Software Protection Initiative

AFRL/RYT, Wright-Patterson AFB  
 ATSPI\_outreach@wpafb.af.mil  
 (937) 320-9095 x150

# spi.dod.mil