

# Encryptics

# .SAFE Solution Specs



**O**ur patented data protection platform, powered by FIPS-compliant algorithms and our FIPS-listed encryption engine (140-2), delivers data privacy and protection solutions unlike any other in the cybersecurity marketplace. We combine proven encryption methodologies and proprietary technologies to eliminate common security gaps and ensure true end-to-end protection for your data.

## .SAFE Security Components

- ✦ Device-level encryption
- ✦ Trusted server authentication
- ✦ Peer-to-peer delivery of data
- ✦ Data Rights Management (DRM)
- ✦ Policy Based Protection (PBP)

## Encryption Algorithms

- ✦ AES 256 (CBC) (local device)
- ✦ RSA 2048 (communication with server)
- ✦ TLS 2048 (1.0-1.2) to SSL 2048 (3.0)
- ✦ SHA-2 (256)
- ✦ PBKDF2 (Password Hashing & Salting)

## Encryptics Data Protection API™

All of our products are built using the Encryptics Data Protection API, which is available for licensing and can be leveraged to enhance security in existing products and systems. API libraries:

- ✦ Objective-C (iOS 8+, Mac OS X 10.10+)
- ✦ C# (Vista+)
- ✦ C++
- ✦ Java\*

\*Core works on any OS but requires a thin layer specific to each OS. It is compiled for JVM 1.6+.

## Encryptics for Email®

Encryptics for Email, our off-the-shelf email security product, is compatible with any SMTP or Exchange service, including Microsoft Office 365™. Supported platforms:

- ✦ Windows 10, 8, 7, or Vista Microsoft Outlook 2007, 2010, 2013, or 2016 is required to utilize the included Encryptics® Add-In.
- ✦ Mac OS X 10.10+
- ✦ Apple iOS 8+
- ✦ Android 4+

## Data Rights Management

The following file types are supported when DRM is activated.

- ✦ Images: BMP, DIB, JPG, JPEG, JPE, JFIF, GIF, TIFF, TIF, PNG, ICO, WMF, EMF, PPM, PGM, TGA
- ✦ Documents: PDF, DOC, DOCX, RTF, XLS, XLSX, CSV, PPT, PPTX, TXT, HTM, HTML
- ✦ Audio: M4A, MP3, WAV, WMA
- ✦ Video: MPG, MPEG, RM, SCM, WMV, MP4, AVI
- ✦ Zip files

## Policy Based Protection

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visit us on the web  
[ENCRYPTICS.COM](http://ENCRYPTICS.COM)

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