

eCipher™ Data Sheet

Overview

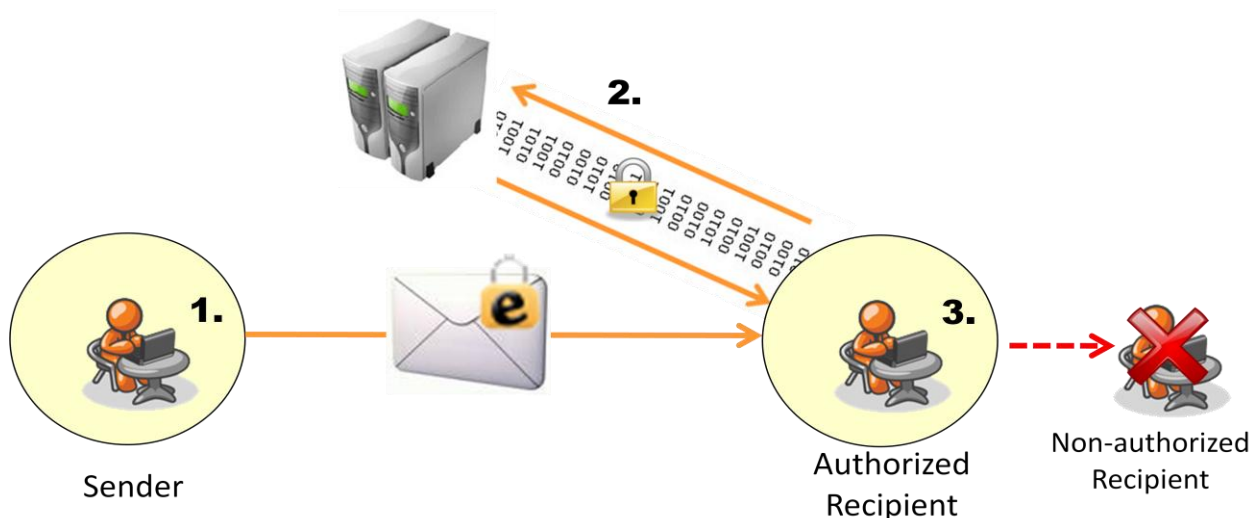
eCipher is the easiest-to-use email encryption software in the market today. eCipher sets the benchmark for combining security and usability into a useful software tool. eCipher enables companies of all sizes to easily secure their communications with employees, partners and customers both inside and *beyond* the corporate perimeter.

eCipher offers a unique array of beneficial security and productivity features that are not found in other products. These include the ability to control how email recipients use your emails after they receive them. Additional security options can be set to preventing the printing, copying, saving, and forwarding of email content. Access is denied to anyone beyond the intended recipients. With eCipher *Anywhere*¹ delivery recipients do not need to download any software to read encrypted messages.

eCipher can send encrypted email through a wide array of popular email clients and services. These include MS Outlook™, Thunderbird™, Gmail™, Yahoo! Mail Plus™, AOL™ and many more. eCipher also features a Microsoft Outlook add-in, enabling businesses to securely exchange email and attachments without disrupting workflow.

Installation of eCipher is quick and simple. A free, one-time [download](#) is all that is required to enable secure communications. All key exchange is handled transparently by eCipher. For those who can't download software, authors may use the 'Anywhere' delivery option which allows recipients to view encrypted email over a secure web connection. Larger companies wanting to widely deploy the eCipher client from a centralized location can do so via the [eCipher Corporate](#) control panel.

How eCipher works



1. Sender encrypts an email with eCipher, and sends it just as they would any other email.
2. eCipher verifies the recipient's identity and their ability to read the email.
 - NOTE: Email content doesn't touch or pass through ESS servers.
3. Once verified, eCipher decrypts the email so that the recipient can read the email and any attachments.
 - If enabled, rights management protections are enforced.

¹ Currently in Beta release

Why eCipher?

Easiest-to-use email encryption

- Adds only one-click to the normal email sending process
- Transparent key exchange
- “Anywhere” feature allows zero-download delivery
- Drag and drop functionality
- MS Outlook™ add-in enables seamless secure communications.
- Works with all email including: Gmail, Yahoo!, AOL and more.



Additional Security Options

- Prevent unwanted distribution of email content with rights management controls.
 - Prevent Forward, Copy, Print & Save as...
- Preserve the integrity of email reply threads (no cut, copy, paste).
- Options to enable local password protection of email and files

Email Delivery Options

- Anywhere - zero download delivery.
- “Delivery receipts” - track when emails were opened and by whom.
- Delivery as .safe file. Best option for sending secure document attachments.

Powerful Security

- 2048bit RSA encryption
- 256 AES encryption



Compliance

eCipher can help businesses meet legislative requirements for data integrity and privacy:

- **Meet HIPAA requirements** for Secure Transmission (rule 164.312(e)(1)) and Access Control (rule 164.312(c)(1)) of Electronic Protected Health Information (PHI).
- **Sarbanes Oxley (SOX) Section 404:** Financial spreadsheets and reports must be safeguarded from being falsified, accidentally or deliberately redistributed.
- **Gramm-Leach-Bliley (GLBA) USC (United States Code) 6801:** Customer or client confidentiality and security must be guaranteed. Records and information must be protected against any anticipated threats, hazards and unauthorized access.
- **Meet NRS 597.970 requirements** “A business in this State shall not transfer any personal information of a customer through an electronic transmission other than a facsimile to a person outside of the secure system of the business unless the business uses encryption to ensure the security of electronic transmission.”



System Requirements

- Windows® Vista™, XP Service Pack 1 or 2, or Windows 2000 Service Pack 4
- Microsoft .NET 2.0 Framework installed (if you don't have this, eCipher will install it for you)
- Internet access (Broadband recommended)
- A valid email account
- Outlook integration requires Microsoft Outlook versions 2007 or 2003

Evaluate eCipher for Free

Your company can download evaluate eCipher for free. To get a free evaluation copy, please visit <http://www.essentialsecurity.com/products.html> and click the "Download Now" button.

Our Commitment: "The Customer Comes First"

Essential Security Software is committed to providing our customers with the highest level of support. As an eCipher customer, you can expect to be treated with the utmost professionalism, honesty and respect. We will put forth the extra effort to best answer all of your inquires in a knowledgeable, courteous, and speedy fashion.

Our support team is available to assist customers Monday through Friday from 9:00 AM through 5:00 PM PST, excluding holidays.

Support desk contact information:

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