BIOWRAP™ Certified by GlobalSign.

GlobalSign.

Data encryption, protection, & accountability

Solution for the encryption, protection, and accountability of electronic information, at rest and in motion

Encryption, protection, and accountability
Protecting intellectual property and sensitive information is a top security concern. The BIOWRAP® file encryption solution certified by GlobalSign offers a solution to help protect your company's most valued asset, information. File encryption helps to secure any electronic information to minimize the risk of access or misuse by the unauthorized recipients.

The BIOWRAP® solution goes much further by providing a turn-key solution to effectively certify, secure, manage, and track (in real-time) your information both inside and outside your organization. BIOWRAP® users can now easily create truly secure, authenticated, and accountable electronic files by using their GlobalSign Digital Certificate.

Authorized recipients of your BIOWRAP® files will have absolute confidence that only you could create the file and that the file has not been altered. All BIOWRAP® users will also have access to real-time forensic auditing reports (known as Accountability Reports), a comprehensive tracking service for all activity associated with your encrypted BIOWRAP® file.

Features

- **File Encryption**
  256 bit encryption to ensure sensitive information is private and secure and remain protected wherever they reside or however they are delivered.

- **File Retention Management**
  Real time functionality to change the lifespan of an active file, expire an active file (prevent future access), and also reactive expired files.

- **Access Right Management**
  Set levels of access controls to define a range of confidentiality access rights (security code, username/password, alliance company, personal file)

- **Forensic Auditing**
  Customizable reports provide detailed information for all the activity associated with your sensitive electronic information.

- **Real-time Notifications-** Email notifications can be set per file to track in real time all access including unsuccessful attempts.

- **File Protection**
  Each BIOWRAP® file is considered as its own independent date and time stamped vault that can never be broken. A reader, or the person in receipt of the BIOWRAP® file, may access the secured vault only using the proper access rights define, however at no time can the reader alter the contents of a BIOWRAP® file.

Benefits

- Legally binding, trusted documents
- Enhanced security for your documents as they travel around the world
- Certify any document, any size
- Improve controls of your documents
- Protect sensitive information that only you can open
- Reduce your cost for paper and expensive records storage
- Prevent data loss incidents that expose confidential personal, operational, employee, or customer data
- Recognized File Extension, .bms is recognized by the Microsoft file extension registry.
- Accountability to track documents from creation to viewing
- Simple to Use- BIOWRAP requires minimal user training and no costly IT implementation.
- Unlimited Licensing- Licenses are for unlimited creation of BIOWRAP encrypted files.
- File Confirmation: Validate the authenticity of files removed from encryption.

How it works

Creating a BIOWRAP® encrypted file

1. Using a GlobalSign Digital Certificate + username and password the user authenticates him/herself to the "BIOWRAP® Writer Application".

2. User selects the electronic file to encrypt and defines access rights and retention rights . The document is then encrypted and created as a .bms file which can be delivered by any electronic method that does not alter its content.

Opening a BIOWRAP® encrypted file

1. Recipient of BIOWRAP® file uses the free BIOWRAP® reader (available as a web-based reader and free download application) to open the file. If authorized, the recipient can verify the file information and authenticity of the file

2. Author of file receive an email notification each time the file has been opened, even unsuccessful attempts.