

## Corporate Overview

Digilox a division of Globarena provides eSecurity infrastructure that leverages Globarena's patent-pending Digital Rights Management technology to protect the confidential digital information of organizations and individuals.

We have elegantly combined encryption, biometric authentication and Digital Rights Management technologies for protection of standalone and web based digital data.

Whether you are selling ebooks or flash components, digital audio or video, software or articles, we all face the same prospect: the potential theft and unauthorized re-distribution or resale of your digital content.

Digilox protection can be used on a wide range of digital products such as PDF files, Animations, software applications and CD's. An outstanding feature of Digilox protection technology is the ease and speed with which it can be implemented.

As technology continues to evolve, Digilox continues to help you secure your IT infrastructure.

## Product Overview

Whatever your eSecurity needs might be, Digilox has a proven solution—one that's built to secure and protect your digital content.

Digilox offers a proven, feature-rich family of products that provides:

- **PDFLox**  
Digilox User Club Powered by PDFLox, is our web-based service for protection of eBooks based on Adobe PDF format.
- **JavaLox**  
Protects Java applications by encrypting and wrapping the source code and resource files into a single Win32 executable file or an installable application.
- **CDLox**  
Allows encryption and wrapping private documents, software upgrades and sensitive messages that can be distributed/sold securely to customers and associates via email, Internet and CD medium.
- **Secure Messaging**  
Secure Instant Messaging (SIM) a secure messaging system for communication between people, departments and organizations.

## Updates

- ❖ **With Digilox you can now protect and distribute your eNewsletter and eJournals...**  
Digilox offers technology that allows eAuthors and ePublishers to protect electronic versions of their newsletters and journals against unauthorized distribution and increase their paying subscriber base. The technology ensure only authorized users have access to Digilox protected eNewsletters and eJournals. It also restricts unauthorized copying, printing or forwarding and ties the protected document to the subscriber's computer.
- ❖ **Digilox implements IFMS – Secured Messaging solution for Agrani Bank, Bangladesh...**  
May 2004 – Amplitude Solutions Limited, a system integrator based in Bangladesh, has successfully implemented a secured financial messaging solution Digilox IFRMS.BD for Agrani Bank, Bangladesh. Digilox, a division of Globarena, developed the system for Agrani Bank. Digilox is a technology solutions company based in Hyderabad, India, that provides eSecurity solutions to its global customers.

## PDFLox

PDFLox a product of Digilox is our web-based service for protection of eBooks based on Adobe PDF format. The protected eBooks, a self-extracting executable (.exe file) can be distributed and sold to customers via email, internet, and CD medium. Digilox ensures that your eBooks are safe from piracy.

As PDFLox is a web-based service, you can protect your PDF documents without acquiring any additional software or upgrading your server. [Click here](#) if you want to know how to protect eBooks?

PDFLox gives you so much flexibility that it is actually like having a security expert working with you on every PDF document that you create. You can choose from a wide variety of options on how to protect your content. The use of 128-448 bit encryption and decryption on the fly ensures the strongest encryption that even the most powerful computer would take more than the life of the universe to break it.



With PDFLox, your eBooks are permanently protected and secured using our wrapper application. It allows you to set permissions on your eBook:

- Edit and Copy – Cannot "edit or copy" contents from your protected eBook unless you have enabled the Option; it cannot even be "screen grabbed" using the "Print Screen" function on the keyboard.
- Print - you can even decide whether or not to enable your customers to print the document.
- Authentication – when opening your protected eBook for the first time, your customers must go online and obtain your pre-set authorization.
- Lock-To-PC – your protected eBook can only be viewed on your customer's PC.

If you are a Content Publisher, imagine publishing a book that can't be opened, copied, printed or ported without the your permission.

## CDLox

CDLox a product of Digilox is used to protect and distribute private documents, software upgrades and sensitive messages securely to your customers or associates via CD medium.

With CDLox your digital content, including entire folder of files, are encrypted and wrapped into an easy-to-deliver and user-executable (.exe) file, which is secured with an alphanumeric unlock key.

CDLox can be customized to provide various options like on-line authentication, file shredding, lock-to-pc, time-limited access, collection of usage statistics, and much more...

### **Off-line authentication with Key Diskette:**

CDLox Key Diskettes provide you with a secure distribution mechanism to deliver physical authorizations to your customers or associates without requiring Internet access. CDLox Key Diskette technology turns ordinary floppy diskette into uncopyable security tokens that authorize your customers to access your protected digital content.

## JavaLox

As a Java applications solution developer, you know that your Java class files and other resources are vulnerable to hacking.

- If you are an application developer, anybody working against your business interest can lay hands on your entire code and resources, and become your competitor in minutes.
- If you are a solution provider, you are giving away a large piece of source code through every demo you send to your clients. Though you want them just to test only the features, they may just be building their own applications using your logic, resources, and source code!

JavaLox protects your Java application by encrypting and wrapping your source code and resource files (including images, movies, and animations) to produce a single Win32 executable file or an installable application. Resource files — images, movies, animations, and documents — that you use in your applications are as valuable as source code. JavaLox is the only solution available in the market that protects resource files as efficiently as it does source code. It makes the resource files part of the executable files and wraps them safely.

You can then deliver this wrapped executable file that cannot be reverse engineered. Your clients can use it as easily as any Windows application, with the click of a mouse. And, no one can "unlock" your code.

## Secure Instant Messaging

Digilox – Secure Instant Messaging (SIM) is a secure messaging system for communication between people, departments and organizations. The system allows any type of digital content (e-mails, financial transactions, documents, voice mails) to be exchanged.

Enterprises using public Instant Messaging system as a channel for communicating sensitive information mimics the problems related to e-mail: How can you prove the identity of the sender and recipient? How do you secure the channel and data itself, to maintain privacy and confidentiality? How do you audit and archive the conversations, and secure and preserve the archives themselves?

SIM provides organizations with critical security functionality including uniquely identifiable tamper-proof client machines, end-to-end message encryption, biometric identification for end users, ensures non-repudiation and message integrity.

**Government** – allow secure communication between government departments, intelligence agencies and law enforcement agencies.

**Corporate (Manufacturing, Services, IT, etc)** – provides secure communication between colleagues, partners and customers. Ensure proper authorization to share sensitive information without losing control of valuable intellectual property.

**Financial Institutions** – provides SWIFT based communication of financial transactions between Banks and their Branches.

## Instant Financial Messaging System (IFMS)

In the last decade, technology has changed the very face of banking, making Anytime, Anywhere Banking a reality. While IT enables innovation and high efficiency, it exposes businesses to several e-vulnerabilities. They need to secure their processes in order to unleash IT power for sustained growth and productivity.

There has been a radical movement to deploy financial messaging system in the banking sector. Globarena responds to this call with its novel solution – Digilox IFMS.

Digilox IFMS has been developed using Globarena's patent-pending security technology. It facilitates creation of digital message that, after authorization, may be communicated between entities; say the branches of a bank. With IFMS the process of coding a message according to SWIFT Standard is automated. All types of messages including telegraphic transfers, short credit transfers, scanned documents, irrespective of the format, may be exchanged between branches at the highest security levels.

### E-Vulnerabilities:

- Unauthorized parties accessing current/archived financial information
- Authorized person denying communicating with unauthorized parties
- Unauthorized person/machine impersonating authorized person/machine
- Intruders observing communication of confidential information

### Features:

While addressing e-vulnerabilities, Digilox Secure Instant Messaging System meets all the requirements of an ideal messaging system and more.

The eSecurity components that have been incorporated in this product include:

- **Administration:** The feature-rich Messaging Administration tool provides a straightforward way to monitor, control and manage users, activities and archiving transactions. Centralized data storage eases capacity planning, reduces network traffic caused by data replication and facilitates automated backup procedures.
- **Reliability:** Designed to run 24X7, with built-in fail-over systems gracefully handling exceptional situations and provide continuous, error-free operation. Automatic foolproof framework of acknowledgements. Complete auditing, logging; time stamping and warehousing of messages. Tamperproof archiving.
- **Scalability:** Designed as an Enterprise Class Messaging System to be stackable to allow for expansion – from a few clients to several thousand clients.
- **Security:** Tying digital content and/or a communication channel to specific computer using patent-pending system signature extraction, 448-bit symmetric key encryption incorporating the Blowfish Algorithm or 256-bit Rijndael Encryption, Biometric authentic and authorization to ensure security, privacy and integrity, ensure non-repudiation, piracy-proof and tamper-proof archiving, and auditing.