ENCRYPTICS® {Use Case Scenario}

Devising a Multi-Pronged Data Protection Strategy

For a Government Service Organization (GSO)

Goals

To improve security around customer data; to reduce mail expenses by increasing e-communication.

Requirements

Customizable solutions that secure various types of data and streamline business processes

Solutions

Encryptics for Email™
Encryptics Data Protection API™
Encryptics Command Line Interface

Why Choose Encryptics?

Highly Secure

- End-to-end data protection
- Encryption at the device level
- Data Rights Management

Cost Effective

- Software-based solution
- No additional hardware needed

Easy to Use

- Seamless integration
- No workflow interruption
- Supported on mobile devices

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A GSO specializing in revenue cycle management has recruited Encryptics® to design and implement data protection solutions across the organization.

Technical Situation

The GSO manages revenues on behalf of hundreds of government agencies across 40 states. It handles hundreds of millions of records and receives 600-800 data submissions per day. Currently, customers communicate with the GSO via email, fax, phone, mail, and web portal. The GSO needs a way to safely store customer data and share it with financial, regulatory, insurance, and government agencies as needed.

Security Issues

With the exception of a select set of customers and communication methods, customer data and other sensitive information is vulnerable in the following instances:

- Outbound email messages* stored unencrypted email servers outside the firewall
- Digital copies of mail and fax documents stored unencrypted on a shared network
- Personal data uploaded by customers and stored unencrypted on a shared network
- Recorded customer phone calls stored unencrypted on a shared network

*Because of privacy requirements, communication with customers via email is limited. Instead, the GSO must use regular mail delivery. As a result, printing and shipping costs account for a significant portion of the GSO's operating expenses.

Opportunities

Implementing Encryptics solutions on all fronts will help the GSO address current security issues. With greater security in place, the GSO will reduce mailing expenses, enhance productivity, and improve business processes overall. As a good steward of customer data, the GSO will proactively protect against hacks and leaks by utilizing:

- Encryptics for Email to reduce liability around e-communication
- Encryptics Data Protection API to build a secure FTP application
- Encryptics Command Line Interface (CLI) to automate secure transfers between web portals, servers, and archival systems

About Encryptics Technology

Encryptics solutions utilize our Trusted Peer-to-Peer™ platform and .SAFE technology to eliminate common security gaps and ensure true end-to-end data protection. This means private data is secured at the device level—before a transfer takes place—so there is never a vulnerable point where a breach could occur. Plus, our powerful Data Rights Management (DRM) tools allow authors to control the usage and availability of their data even after it leaves their possession.