

# MerlinCryption™

Protect Your Privates

## Security Brief

## Zero Day is History... A New Encryption Derails Espionage

In today's precarious environment, data must be invulnerable to criminal forensic examination. Advanced threats require an advanced encryption algorithm, reinforced by a key strategy that cannot be reverse-engineered or exposed by Brute Force.

Offering a game-changing solution, MerlinCryption overwhelms investigative-style hacking with a simple, yet astoundingly effective, embedded Key-in-a-File technique, called a CryptoFile™

The CryptoFile™ establishes a versatile powerhouse for security:

- Keys scale from 2000 bits to 2 Gigabytes in length.
- Keys are created from discrete sources rather than software-initiated keys, which are vulnerable to penetration.
- Hack-resistant Key-in-a-File insulation trumps the standard simple key strand.
- Flexible program modes accommodate contrasting levels of access rights and user-sophistication.
- Encrypted data is shape-shifting. No two encryptions are alike, even when using the same key and data input.

### Data Security

- MerlinEZ** Securely store and transfer airtight files anywhere, even on unsecured WiFi and media.
- MerlinFusion** Master business complexity and client nuances with flexible options and access rights management.
- Merlin4Chat** Say it all and reveal nothing! Share and chat on IM, Skype®, P2P, email, and in the cloud... It's *all* safe, now.
- MerlinEye** Access password lists and perform on-screen activities, while blocking key-loggers and onlookers.



TM

512-348-SAFE

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# Protect Different End-User Scenarios & Special Needs

Until now, user-to-user nuances and intra-company compliance made managing data privacy a costly maze of confusing processes.

- Business to Public
- Public to Business
- Business to Vendor
- Department to Department
- Headquarters to Branch

MerlinCryption supports enterprise particulars with customized programs that are guaranteed to be unique and inoperable with all other versions.



Take Control of  
Enterprise Security

Because businesses are as different as the data they protect, MerlinCryption delivers a portfolio of indestructible security for specific business requirements and corporate structures.

MerlinCryption incorporates variable key and password tactics to preclude unknown vulnerabilities in the enterprise system. User-chosen keys and passwords constantly allow variations and increase arbitrary parameters to insulate any business complexity while providing controlled, yet simple, access rights for authorized users.

Strategic use of CryptoFile™ and password options streamline role-based security architecture, as well as leverage the achievement of enterprise goals.

- Users initiate the key from a discrete source.
- Options are selected, based on desire for simplicity or control.
  - Key options include selecting variables of embedded key within the CryptoFile™.
  - Password options include scalable length up to 255 bytes or Password-in-a-File with sizes up to 2 gigabytes.

# Ease and Flexibility Options Streamline Effective Security Architecture

Utilize MerlinCryption program options for best practice enterprise security.

- EZ Option is lightning fast protection for ultra busy people and general users with little need to know access. A built-in mutable key and universal secret password enables immediate encryption action.
- FLEX Option puts users in total control with granular parameters to dial in specific user communication. User-chosen key and password variables implement fine-tuned role-based security.

All users merge their unique CryptoFile™ with Merlin's stealthy algorithm to co-create invincible protection. EZ or FLEX...it's the same indestructible security.

## **EZ OPTION - Fast Broad Use**

You Want Fail-Safe Security in a Hurry

You Want to Send Secure Files to Non-Merlin Users

## **FLEX OPTION - Access Specific Use**

You Want to Tightly Control Keys and Passwords

You Want to Control User Access Rights

You Want to Interface Internal and External Users

Leverage business-client synthesis. MerlinCryption converts ironclad data security into specific business requirement and corporate structure solutions. Programs work in tandem to ensure secure and smooth operation. Applications are cost effective and scalable for varied organizational needs.

## **Data-In-Use • Data-In-Motion • Data-At-Rest**

MERLINEZ: Protection for data file storage and transfer... simply

MERLINFUSION: Protection for business versatility and client needs

MERLINEYE: Protection for passwords and data-in-use activity

MERLIN4CHAT: Protection for instant messaging, email, and broadcast

*Customization and unique solutions for individual specification*

Experience how MerlinCryption's innovative encryption architecture is changing the way the world protects and manages data communications.

Contact us, today...512-348-SAFE