ADVANCED SECURITY

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Triple Lock Security: Know It, Have It, Be It

Framesoft Advanced Security (FAS) represents a sophisticated security protocol that necessitates multiple forms of verification from users to grant access to a digital resources (Framesoft solution). This protocol is a cornerstone in cybersecurity strategies, designed to fortify defenses against unauthorized access and cyber threats. By requiring two or more independent credentials for authentication, Framesoft Advanced Security (FAS) significantly enhances the security posture of organizations by adding depth to defense mechanisms and minimizing the risk of security breaches.

The methodology behind FAS is grounded in the principle of layered security. It extends beyond traditional single-factor authentication methods, such as passwords, by integrating additional verification

factors. These factors are categorized into three primary types:

1. Knowledge Factors

Information that the user knows, such as passwords, personal identification numbers (PINs), or answers to security questions. This category relies on the uniqueness of the information known only to the user.

2. Possession Factors

Items that the user physically possesses, which could include security tokens, authentication apps on smartphones, or smart cards. These devices can generate or receive unique codes at the time of login, providing a physical layer of security that must be present during the authentication process.

3. Inherence Factors

Biometric characteristics of the user, like fingerprint scans, facial recognition, voice recognition, or retinal scans. This factor exploits the user's unique physical or behavioural traits, offering a high level of security due to the difficulty of replication.

Implementing FAS involves a strategic balance between security and usability. Organizations must consider the

sensitivity of the data being protected, the potential impact of unauthorized access, and the user experience. The goal is to achieve maximum security without imposing undue inconvenience on legitimate users.

From a compliance and regulatory standpoint, FAS is increasingly becoming a requirement, particularly in sectors managing sensitive information, such as finance, healthcare, and government services. Regulations such as the Payment Card Industry Data Security Standard (PCI DSS), Health Insurance Portability and Accountability Act (HIPAA), and the General Data Protection Regulation (GDPR) highlight the importance of robust authentication mechanisms like FAS in protecting data and privacy.

The benefits of FAS are manifold. It dramatically reduces the risk of phishing attacks, password theft, and other forms of cybercrime. By adding multiple layers of defense, FAS makes it significantly more challenging for attackers to gain access to a target's protected resources. Furthermore, it instills a greater sense of trust among users and clients, knowing that their data is safeguarded with stringent security measures.

In conclusion, Multi-Factor Authentication is an indispensable security solution in the digital age, providing a comprehensive and multi-layered approach to safeguarding digital assets, sensitive data, and user identities. Its implementation is a testament to an organization's commitment to cybersecurity excellence and regulatory compliance, ultimately fostering a secure, trustworthy, and resilient digital environment.

Framesoft Advanced Security (FAS) is provided as an Add-On to any Framesoft solutions such as:

- Framesoft Contract Repository (FCR)
- Framesoft Structured Products (FSP)
- Framesoft Fee Management (FFM)
- Framesoft Document Management (FDM)
- Framesoft Confirmation Generator (FCG)
- Framesoft Online Negotiation (FON)
- and more

For more information or to engage with Framesoft Advanced Security, contact us at **contact@framesoft.com** or visit **www.framesoft.com**.

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Framesoft offers the following fully integrated solution portfolio

- **Framesoft Contract Management (FCM)**

- **Framesoft Contract Repository (FCR)**

- **Framesoft Online Negotiation (FON)**

- **Framesoft Data Insight (FDI)**

- **Framesoft Document Intelligence (FAI)**

- **Framesoft Document Management (FDM)**

- **Framesoft Structured Products (FSP)**

- **Framesoft Fee Management (FFM)**

- **Framesoft PRIIPS KID Generator (FPG)**

- **Framesoft OTC Platform (FOP)**

- **Framesoft Confirmation Generator (FCG)**

- **Framesoft Matter Management (FLM)**

- **Framesoft Repo & Securities Lending (FRS)**

- **Framesoft Document Generator (FDG)**

- **Framesoft Resource Management (FRM)**

- **Framesoft Secure Online Data Room (FDM Platform)**

Framesoft's product & services portfolio is strongly focusing on the financial services industry and covers the complete life cycle of a software solution, ranging from supporting the early conceptual application design stages, to the delivery and integration of our applications into the client's infrastructure.

Framesoft is also offering application support including

- 1st / 2nd / 3rd level production support
- business and
- user support.

Additionally, Framesoft offers to run its applications as Software as a Service (SaaS).

Framesoft was founded in 1996 with the goal to create technology solutions for innovative, fast-growing areas within the financial services industry. Framesoft solutions are built on a foundation of core modules (Frameworks) enabling rapid application development based on configuration to meet the ever-evolving needs in these markets.

Framesoft's mission is to maximize the benefits of external technology provision for our clients, by applying the Framesoft Framework strategy.

Framesoft's unique selling proposition is the support of complete value chains including areas typically conducted by means of unstructured tools such as paper, e-Mail, facsimile, or telephone.

Customers using Framesoft solutions

- achieve a high degree of **Straight through Processing** (STP),
- avoid typical **operational risks** associated with manual interventions,
- gain **control** over complex business processes,
- increase Business **Process Efficiency** & **Transparency**,
- cut **Time-to-Market,**
- reduce **Legal** & **Credit Risk**

Framesoft's headquarter is located in Zug, Switzerland and Framesoft runs subsidiaries with offices in

- Europe
  - ✓ Switzerland
  - ✓ Germany
  - ✓ United Kingdom
- North America
- Asia

Get in contact with us at **contact@framesoft.com** or visit our website at **www.framesoft.com**.