

ADVANCED SECURITY



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

Framesoft Advanced Security (FAS) is a comprehensive security framework designed to safeguard access to Framesoft solutions through multiple layers of user verification. As a cornerstone of modern cybersecurity strategy, FAS strengthens organizational defenses against unauthorized access and evolving cyber threats. By enforcing two or more independent authentication factors, FAS establishes a robust, multi-layered protection model that significantly enhances the security posture of institutions, reduces the risk of breaches, and ensures trusted access to critical digital resources.

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.

FAS implements OAuth2-based authorization and authentication as one of its core goals, leveraging Microsoft Entra ID (formerly Azure Active Directory) to enable secure, standardized, and scalable identity management.

This integration supports modern Single-Sign-On (SSO) capabilities and ensures compatibility with enterprise-grade access control frameworks across all Framesoft solutions.

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 offered as an extension to any Framesoft solution 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)

For more information or to engage with Framesoft Advanced Security (FAS) contact us at contact@framesoft.com or visit www.framesoft.com.

COMPANY PROFILE

Framesoft AG Software Applications



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 Artificial Intelligence (FAI)**
- **Framesoft Structured Products (FSP)**
- **Framesoft Fee Management (FFM)**
- **Framesoft Document Management (FDM)**
- **Framesoft Secure Online Data Room (FDM Platform)**
- **Framesoft OTC Platform (FOP)**
- **Framesoft Confirmation Generator (FCG)**
- **Framesoft Matter Management (FLM)**
- **Framesoft Repo & Securities Lending (FRS)**
- **Framesoft Document Generator (FDG)**

About Framesoft

Founded in 1996, Framesoft is a trusted provider of technology solutions for the financial services industry. Combining deep expertise with innovation, we deliver software that enhances efficiency, transparency, and compliance.

Our portfolio covers the entire software lifecycle — from design and development to integration, implementation, and operation. Deployed on-premises, in the client's cloud, or as Software as a Service (SaaS), our solutions provide maximum flexibility, scalability, and security.

By continuously advancing our offerings, Framesoft enables leading financial institutions worldwide to streamline operations, minimize risks, and drive sustainable growth.

Our Mission

To maximize the benefits of technology for our clients through the Framesoft Framework strategy — a unique approach enabling rapid application development via configurable modules. This ensures our solutions keep pace with the dynamic requirements of the financial services industry.

Our Offer

Framesoft delivers a comprehensive suite of solutions supporting the complete value chain across front-, middle-, and back-office functions:

- **Contract Management**
Digitize & automate end-to-end processes from trade documentation requests to recording netting flags & feeding collateral data to Trading & Risk Management systems.
- **Structured Product Engineering & Issuance Management**
Automated Document Generation & Distribution.
- **Fee Management**
Administration of distribution agreements and automated fee payments.
- **Global Content & Collaboration Management**
Secure & efficient collaboration and information sharing.
- **Data Mining & Business Intelligence**
Actionable insights from structured and unstructured data.
- **OTC Derivatives Sales & Trading**
Streamlined management of the complete trading process.

Key Benefits

Clients implementing Framesoft solutions benefit from:

- High degrees of Straight-Through Processing (STP)
- Reduced operational risk & enhanced control and compliance across complex processes
- Increased efficiency and transparency of business operations
- Accelerated time-to-market for products and services
- Lowered legal and credit risks

Global Presence

Framesoft is headquartered in Zug, Switzerland, with subsidiaries in Europe (Switzerland, Germany, United Kingdom), North America and Asia Pacific.

Contact Us

For more information, please contact us at contact@framesoft.com or visit our website at www.framesoft.com.