

# Research and Education on Financial Security



## Research on Policies/Technologies of Financial Security

We conduct studies on trends of policies and new technologies related to financial security at home and abroad to provide support for establishing policies and to develop standards so that the financial sector can respond to changes in the financial security environment in a timely manner.




## Education on Financial Security for Executives and Employees of Financial Firms

We provide on/offline training customized to trainees including the Chief Information Security Officer(CISO), heads of information security departments and working-level employees in accordance with the most recent issues and requirements of the financial, IT and security sector.

## Operation of the Certified Financial Security Expert(CFSE) Certification System

We operate a qualifying system to nurture professionals with working knowledge of laws and regulations on financial cyber security and knowledge necessary for providing financial services and expertise in the area encompassing finance, IT and security.

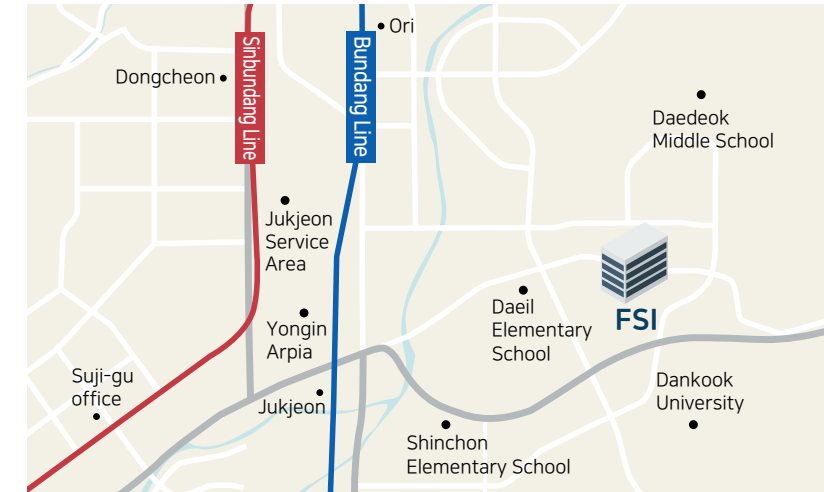
## About Financial Security Institute(FSI)

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**Date of Establishment**  
 April 10, 2015
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**Purpose of Establishment**  
 To enhance the convenience for financial consumers and contribute to the development of the financial industry by creating a safe and reliable financial environment through comprehensive financial security services
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**Vision of Establishment**  
 The world best institution specializing in financial services that ushers in the future of safe and convenient financial services



## How to Visit Us(Map)

Headquarters 132, Daeji-ro, Suji-gu, Yongin-si, Gyeonggi-do (Jukjeon-dong)  
 Contact Number 82-(0)2-3495-9000



Yeouido 143, 7F-9F, KOFIA, Uisadang-daero, Yeongdeungpo-gu, Seoul  
 ※ Location of the Security Research Department, the Data Innovation Center, and the Financial Security Education Center



## For more information, visit us at


**Website**  
[www.fsec.or.kr/fseceng/index.do](http://www.fsec.or.kr/fseceng/index.do)


**Social Media**  
[www.facebook.com/fseckorea](https://www.facebook.com/fseckorea)





## Responding to Cyber Threats in Financial Sector

### Information Sharing and Security Monitoring in the Financial Sector

We detect and analyze cyber threats over the attempts in the entire financial sector 24/7, 365, enhancing the capability of responding to cyber threats in financial sector by sharing and disseminating information on them in a swift manner.

### Prevention and Response to Intrusions into the Financial System

In case of a cyber attack on the financial system, we dispatch relevant officials to the scene to gather evidence and conduct analysis on causes, providing support for coming up with countermeasures to prevent further damage and recurrence thereof.

### Vulnerability Analysis and Assessment

We identify latent vulnerabilities and provide support for devising measures to protect information through vulnerability analyses on information assets of financial firms, preventing financial incidents and creating a safe electronic financial environment.

### Prevention and Response to Voice Phishing

We prevent further damage by thwarting new types of voice phishing frauds becoming more clever and advanced, and by swiftly detecting and blocking phishing sites and malicious apps through cooperation among the entire financial sector against voice phishing.

## Self-Security Support for the Financial Industry

### Personal Information & Information Security Management System (ISMS-P) Certification

As an institution that grants an integrated certification on information security and personal information security tailored to the financial sector, we review and certify the system so that a financial company can build an information security management system across the board to protect personal data.

### Assessment of Digital Signature Certification

Following the revocation of the accredited certificate system, we conduct assessments on many different certificates issued by financial firms and FinTechs to guarantee the reliability of digital signature certifications.



### Security Validation on Contactless Identity Verification

We examine identity validation system (or Know Your Customer (KYC)) to identify any existing security flaws or vulnerabilities, which aims to secure non-face-to-face services for financial customers.

### Security Review

We review whether security measures for emerging technologies in financial services and online transactions are properly put in place, and provide support for improvements or supplements.

## Providing Support for Digital Transformation in the Financial Sector

### Joint Inspection on Security Vulnerabilities of Subsidiary Electronic Financial Business Entities

We conduct joint inspections with financial firms on security vulnerabilities of subsidiary electronic financial business entities associated with financial firms to respond to third-party risks and enhance the level of security of financial firms and subsidiary electronic financial business entities.

### Joint Inspection on Outsourcers Entrusted with Personal (Credit) Information

We protect personal (credit) information by inspecting business operators that financial firms entrust with treating personal (credit) information to see whether their managerial and technical protection measures to protect such personal (credit) information are appropriate.

### Providing Support to Inspections on FinTech Security

We conduct security inspections on FinTechs including institutions using open banking, innovative financial services and online investment-linked financial business operators so that FinTech services can appear in the market with safety.

### Safety Assessment on Cloud computing Service Providers (CSP)

We create a secure cloud environment by conducting safety evaluations for cloud computing service providers used by the financial sector.



## Boosting Data Economy

### Operating the Financial Data Exchange (FinDX)

We operate a data platform that connects consumers and suppliers of financial data so that they can exchange data effectively, creating more opportunities for data-based new business.

### Providing Services as a Data-Specialized agency

We combine data from financial sector with data from another company or industry, then pseudonymize/anonymize the combined data set according to user's needs. We also conduct risk assessments for anonymised data to mitigate data protection risks and safeguard the privacy of individuals.

### Providing Supports to Facilitate MyData

We draw up standard criteria and guidelines for MyData services, and carry out functional suitability review and vulnerability inspections so that MyData business operators can advance into the market in a safe manner.

### Information Security Regular Assessment for the Financial Sector

We strengthen self-inspection of financial companies by constantly checking the status of management and protection of personal credit information treated in the financial system and accordingly scoring/grading them.