

# **Introduction of the Hungarian financial information sharing and analysis model**

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# Overview

**Introduction:** Financial sector is a critical infrastructure according to the Hungarian Green Book. CERT-Hungary is coordinating WGs of the critical sectors.

## **The financial information sharing model**

- cooperation with the banking sector
- Incident Handling WG
- description of the parties involved,
- tools implemented,
- exercises
- future ideas

# Cooperation with banks - present

- Cooperation between banks and CERT-Hungary since 2005
- Based on trust and common interest
- Main partners: Hungarian Banking Association, Hungarian Financial Regulatory Authority, National Bureau of Investigation, banks
- Main impetus: a wave of phishing attacks in late 2006
- Incident handling WG from early 2007 (HBA, HFRA, NBI, CHK)
- Exercises (communication and simulated DDos),
- Tools implemented: incident handling directory, Traffic Light Protocol, CIIP portal for all sectors

# Cooperation with banks - present

Mechanism of cooperation – agreements and MoUs: policymakers, law enforcement, stakeholders involved

1. CERT-Hungary and banks: service agreements > tailored services for annual fee. (2 signed, 4 pending agreements)  
contents: daily reports, incident handling, vulnerability management, training, etc. and optional services
2. CERT-Hungary and financial regulator: joint framework for awareness raising and education programme, work on recommendation on safe internet banking
3. CERT-Hungary and Banking Association: conveying and handling IT security issues between banks and CERT-Hungary
4. Incident Handling WG: sharing information on a regular basis, planning exercises, discussion forum for all parties, portal to facilitate information sharing

# Exercises

## Communication exercises, 2005-2006

- name PoCs at appropriate levels in banks, CERT-Hungary, Bankers' Association, police
- practice efficient flow of information
- result: implementation of Incident Handling Directory

## Simulated real-time incident handling exercise, 2007

- simulated DdoS attack
- individual banks involved in the exercise
- banks allowed to test their decision making process
- observation status from all parties

## Future exercises

- scenario driven complex exercises, involving multiple-sector incident

# Cooperation with banks - future

## Hungarian plans

- formalized process for N&TD procedure,
- raise the number and complexity of exercises,
- raise the number of participating banks in the WG,
- raise efficiency in financial information sharing and analysis
- awareness raising campaigns,
- support the recommendation of safe internet banking

## International plans

- cooperation with other financial ISACs (Dutch, USA, Australian model)
- collaborate on EU information sharing guidelines with partner ISACs

Thank you for your attention!

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