



Nordic Financial CERT

By members, for members

Nordic Financial CERT





Nordic Financial CERT

Cybertrusselen – hvordan forsvarer næringen seg?

Forsikringsforeningen, 27. November 2019

Morten Tandle

Our vision

Strengthen the Nordic Financial Industry's resilience to cyber-attacks, to ensure safe and trustworthy financial services in the Nordic society

Nordic Financial CERT is a non-profit association, owned, governed and paid for by its members.



Our mission

NFCERT enables Nordic financial institutions to respond to cyber security threats and online crime rapidly and efficiently. This will be achieved by:

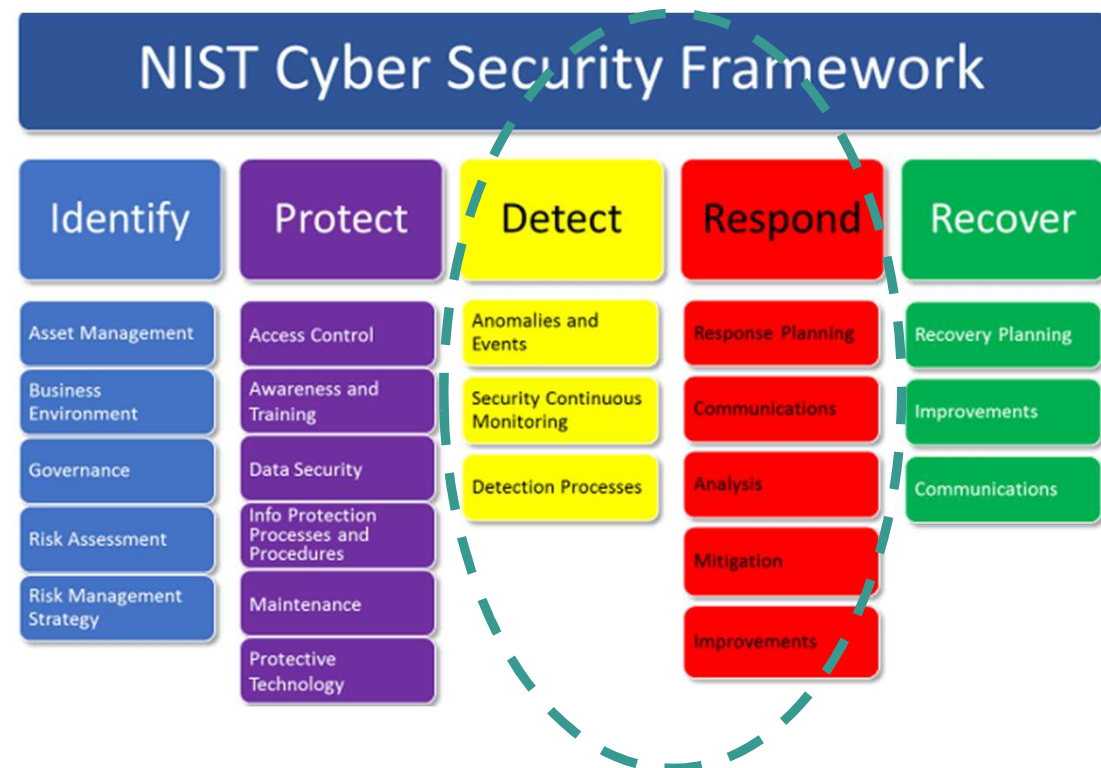
- facilitating information sharing between members, partners and governmental institutions
- publishing threat information and offering Threat Intelligence services
- coordinate and assist in cyber threat and online crime mitigation activities



Focus in the NIST Cyber Security Framework:

We focus on
Detect and Respond

- *intelligence-led
active cyber defense*



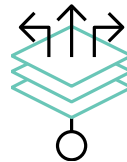
Products & services

– Helicopter view



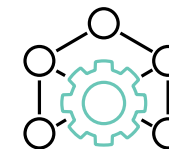
Nordic Threat Intelligence

Providing relevant threat intelligence that can help stop current and future attacks



Trusted community for sharing and learning

Through platforms that supports human and automated communication, our members connect, share and learn from each other and our external network of trusted partners.



Coordination and incident handling

NFCERT provide specialist support and coordination in cases that is not yet routine and in cases where it is crucial that the financial industry stands together





A trusted community for sharing and learning

Through platforms that supports human and automated communication, our members connect, share and learn from each other and our external network of trusted partners.

A trusted community for sharing and learning

– Our members

Sydbank

sampension
mere værd

helgelands Sparebank

Tryg

Nordea

Lillesands Sparebank

easybank

Arion banki

sparekillingsbanken
HOS OSS ER DU ET NAVN

if...

OBOS Banken

Íslandsbanki

DNB

SPAREBANKEN
SØR

FanaSparebank

VOSS
SPAREBANK

BNP PARIBAS

storebrand

Skudenes & Aakra
Sparebank

S-banken

Luster Sparebank

Landsbanki

Pareto

OSLO PENSJONSFORSIKRING

BN Bank

eika.

nets

YA
BANK

LOKALE
PENGEINSTITUTTER

dlr kredit
er realkredit

Gjensidige

Santander
Consumer Bank

VPS
THE NORWEGIAN CSD

spar nord

BRABANK

MARITIME & MERCHANT
BANK ASA

Sandnes Sparebank

Danske Bank

Flekkefjord Sparebank

PensionDanmark

Cultura
Bank

banknorwegian

sparebanken
sogn og fjordane

SPAREBANKEN MØRE

Frende
Forsikring

SparebankenVest

Nykredit

klp

SØGNE OG GREIPSTAD
SPAREBANK

SpareBank 1

Haugesund
Sparebank

JYSKE BANK

ETNE SPAREBANK

Landkreditt Bank

Arbejdernes
Landsbank

NORGES BANK
INVESTMENT MANAGEMENT

DANMARKS
NATIONALBANK

VP SECURITIES

Handelsbanken

Swedbank

SEB

* NO branches

A trusted network for sharing and learning

– Value for members

Access to external network

Collaboration with the Nordic stakeholders and international organizations in the areas of threat intelligence, incident response, anti-fraud, law enforcement and governmental bodies.

Building and fostering such collaboration allows our members to rely on the necessary expertise and pull in the resources to achieve more efficient incident and fraud detection and response.

Members
And their vendors



Law enforcement

Banking Associations

CERTs

National and
sector specific CERTs

ISPs

Security communities

FS-ISAC

FI-ISAC

FIRST

Trusted Introducer

FSAs and DPAs



Trusted network

Authorities



Other

norsk **helsenett**

Kraft **GERT**

Telecom and
ISPs

Members' vendors



Security communities



Financial associations



Common products



A trusted community for sharing and learning

– What we offer

Live information sharing

– within the NFCERT community

Anti-fraud weekly member calls

IRT weekly member calls

Anti-fraud face-to-face fora

IRT face-to-face fora

Collaboration across members

Access to external network

National law enforcement agencies

National CERTs and other sector CERTs

Collaborating CERTs

FIRST and Trusted Introducer

FS-ISAC

Internet Service Providers

Other security communities

Electronic Information Sharing

– within the NFCERT community

Case system

Wiki

Chat

API Hub

IOC Feed streams

Source code repository





Nordic Threat Intelligence

Providing relevant threat intelligence that can help stop current and future attacks

Nordic threat intelligence

– Value for members

Intelligence and reports

Quarterly and situational reports relevant for the financial industry in the Nordics.

This gives a common view on the threat situation and provides input to the member's own risk and threat assessments.

Sharing of IOC and threat information

Relevant indicators shared both among members, security community and from vendor paid services.

To be used for detection and mitigation in members' security infrastructure and anti-fraud solutions.

Threat tracking and alerting

Early warning and notification of incidents relevant to the specific member.

This is used by both cyber defense/incident response and anti-fraud/cyber crime roles

Automatic systems to track certain threats, flag changes and alert on critical changes or targeting of members.

Libraries, tools and knowledge

Common terminology, methodology and tools.

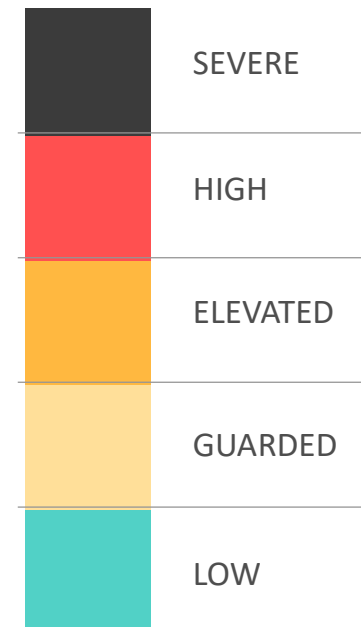
Enables NFCERT community to efficiently communicate and assess cyber threats and incidents.

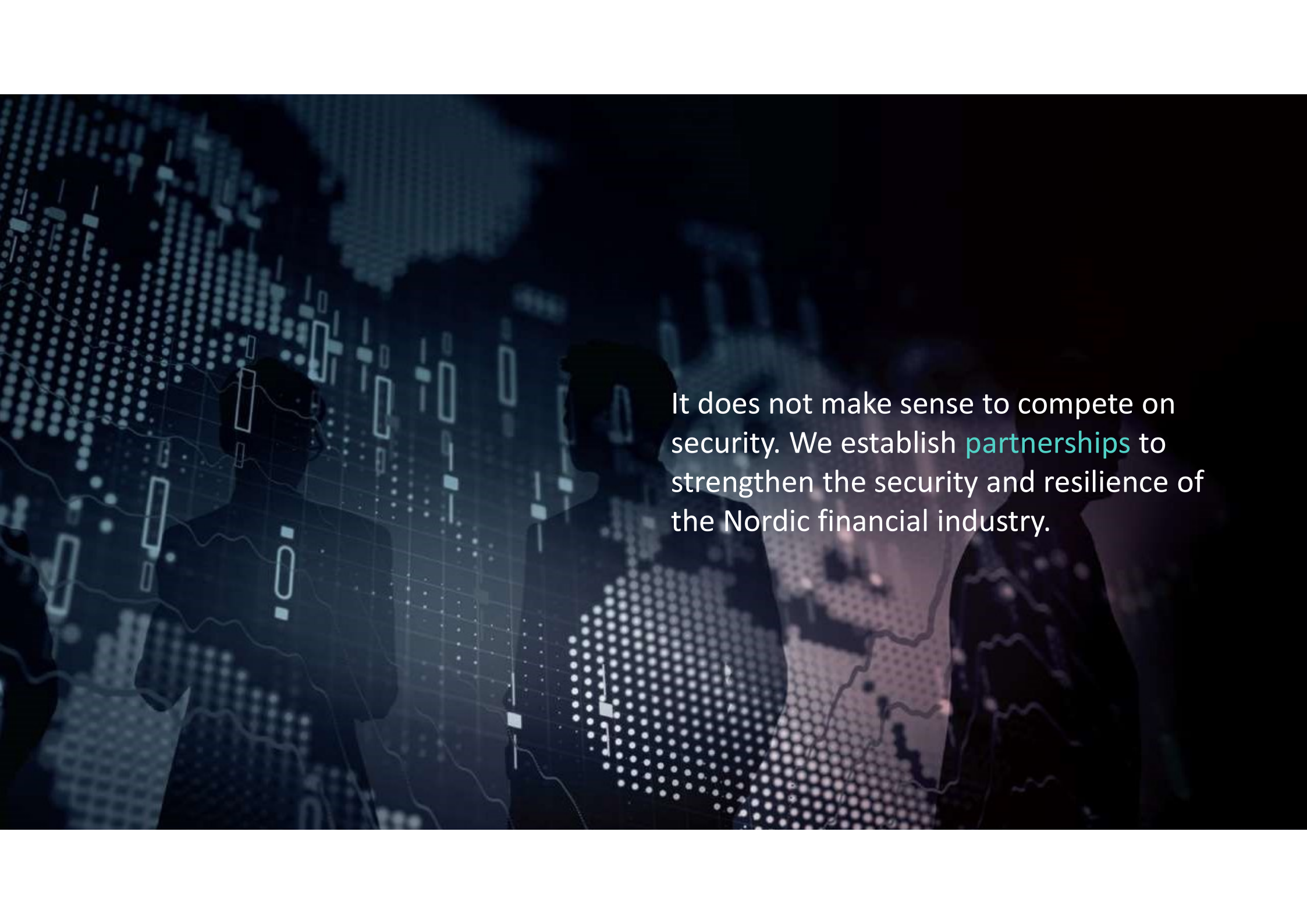
This is relevant for anti-fraud, incident response teams and risk management in addition to IT and business management.

Threat picture

– What does our members see now

- › Our forums share the situation picture continuously, summing up weekly
- › The Threat intelligence committee is working on creating a quarterly threat assessment report.
- › They look at what is most important to them, being:
 - Online/mobile banking theft
 - Denial of Service attacks
 - Targeted attacks
 - Email based fraud
 - Ransomware
 - Phishing



The background of the slide features a dark, moody aesthetic. It includes silhouettes of three individuals in business attire, positioned as if they are looking at a large digital display. The display itself is filled with a complex pattern of glowing white dots and lines, overlaid on a faint world map. The overall tone is technological and professional.

It does not make sense to compete on security. We establish **partnerships** to strengthen the security and resilience of the Nordic financial industry.

Takk for oppmerksomheten – spørsmål?

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The background of the slide is a dark, abstract image representing a financial market. It features multiple overlapping candlestick charts in shades of blue and purple. Interspersed among the charts are glowing binary digits (0s and 1s) in a light blue or cyan color. The overall aesthetic is high-tech and digital, suggesting a focus on finance and technology.

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