Republic of North Macedonia

Ministry of Information
Society and Administration

Cybersecurity

Information sharing

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Digital transformation

- rapid development of ICT technologies

- increased need of fast digital transformation

- digitalization of the services towards citizens and businesses

- benefits & challenges

Cyber Threats Information Sharing

- Importance of CTI sharing in:
  - detecting and preventing
  - help in overcoming cyber incidents

- Law on Electronic Communications, Article 26a:

  MKD-CIRT is central point for contact and coordinating response to security incidents at networks and computer systems.

- CTI includes:
  - warning and advisories on newly found vulnerabilities
  - Information collected through Threat Intelligence Feeds
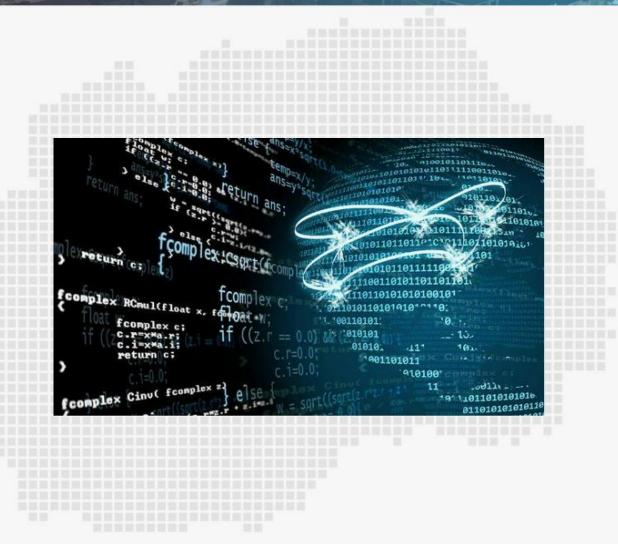 - Information shared post-incident

Cyber Threats Information Sharing

- ## MISP platform:
  - Internal CTI sharing
  - Available for all 130+ MKD-CIRT constituents
  - help in overcoming cyber incidents

- ## Constituents:
  - the government and public sector institutions
  - critical infrastructure operators
  - large organizations in the strategic sectors like banking, transport, communication, health, energy, …

Cyber Threats Information Sharing

- **Baseline security measures:**
    - Initiative taken by Government
    - developed and proposed by MKD-CIRT

- **initiative on improving information sharing**
    1) each public administration institution to designate a role and appoint an employee as an security officer:
        - govern information security at that entity
        - points of contact with MKD-CIRT for CTI sharing
        - Improved identification & early detection
        - Empower MKD-CIRT in CTI sharing with its constituents

    2) all public servants to take online training courses that are developed by MKD-CIRT

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Legal environment

Laws on digitalization and services:

- General Administrative Procedure Act

- Law on Electronic Documents, Electronic Identification and Trust Services (eIDAS)

- Law on Electronic Management and Electronic Services

- Other relevant sectorial laws

New Law on Agency for digitalization:

- regulate all 4 pillars in Agency for digitalization: ICT infrastructure, ICT systems, Cybersecurity and Academia

- NIS2 directive will be transposed as part of this law

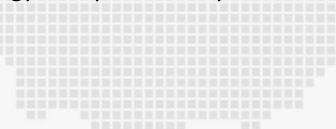# National Strategy for Cybersecurity 2023-2027

- Contents:
  - National capacities for cybersecurity: establishing and improving
  - Security and resilience: critical infrastructure and national ICT systems
  - Cybersecurity resilient society
  - Minimizing the affect of cyber threats
  - Improving cooperation

- Plans:
  - Review and finalize draft text of National Strategy for Cybersecurity
  - Prepare Action plan
  - Adopt by Government
  - Implement

NATIONAL CYBERSECURITY STRATEGY

What's next

- Continue with digitalization to the process within public institutions and digitalization of electronic services for citizens and businisses

- Increase overall digital literacy of the citizens

- Raise awareness of the public servants and the citizens for cybersecurity risks and prevention

- Improve information sharing within the country, on regional and on international level

- Establishing a digitally safe and resilient eco- system society

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Questions?

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THANK YOU !

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