REPUBLIC OF ARMENIA

Ministry of High Tech Industry

Confidence building measures and partnerships in the field of cybersecurity

Summary

- Increased digitization

- The dark side of digitalization

- Budapest Convention on Cybercrime

- RA Cybersecurity

- International partnerships

Increased digitization

The Ministry of High-Tech Industry of the Republic of Armenia, guided by the priorities adopted by the Government of the Republic of Armenia,

Increased digitization of all aspects of citizens life

Responsiveness

Efficient

Engagement

Provide secure service to all citizens across all regions.
Including at the time of crisis

Increased digitization

- Digitalization standards (UI)
  - Unified user interface across all services
  - Building trust, fighting phishing attempts

- Nation ID system
  - Signe Signe On for all services
  - Multiple authentication mechanisms (accessibility)

- Interoperability
  - standard and secure data sharing interface (services, regions)
  - Equal access to the systems for / from all municipalities, regions

The dark side of digitalization

- Government critical services
    - Protect RA critical infrastructures

- Trust
    - Build and preserve trust between gov and citizens
    - Secure and transparent data handling
    - <u>Citizen is the owner of the data</u>

- Financial VS citizens private information

Budapest Convention on Cybercrime

- Facilitating international cooperation
  - Information sharing and mutual assistance

- Domestic legislation

- Capacity building

- RA committed to meet the objectives of the convention
  - Council of Europe
  - Organization for Security and Co-operation in Europe

RA Cybersecurity

- Building depoliticized security and confidence in ICTs
  - OSCE PC DEC 1202

- RA committed to implement OSCE CBMs
- RA cybersecurity actors
  - Ministry of High-Tech Industry of the Republic of Armenia
  - National Security Service of the Republic of Armenia
  - Office of the Security Council

RA Cybersecurity

- Protect people and information in the new and connected world
  - ~~User~~ all citizens awareness
  - Security VS Usability, find the balance
  - CIA (Confidentiality Integrity Availability)

- Cybersecurity standards (NIST) and best practices
  - Security during the digitalization not after

- RA CERT construction
  - Centralised incident handling
  - Thread intelligence sharing
  - Thread forecast
  - Capacity building

International partnerships

- EU, Cybersecurity East
  - CERT / SOC experts, knowledge share, trainings etc...

- GIZ
  - Incident handling, communication

- Cooperation with
  - CIS, CSTO, Interpol, Europol

- Japanese government technical cooperation

- And more to come ...