



IT security system of Latvia – “security through cooperation”

MINISTRY OF TRANSPORT AND COMMUNICATIONS OF THE REPUBLIC OF
LATVIA



Legal acts of IT security

- ❖ **National Security Concept (adopted on March 10, 2011)**
 - ❖ **Section “Prevention and elimination of threats against IT”**

- ❖ **IT Security Law (in force as of February 1, 2011)**
 - ❖ **Regulations of the Cabinet of Ministers on IT Critical Infrastructure (in force as of February 1, 2011)**
 - ❖ **Regulations of the Cabinet of Ministers on Security of Public Networks and Disconnection of End-users from Public Networks (in force as of May 1, 2011)**

- ❖ **State Information Systems Law (in force as of June 5, 2002)**
 - ❖ **Regulations of the Cabinet of Ministers on General Security Provisions for State Information Systems (in force as of October 10, 2005)**



IT Security Law = IT security system

- ❖ Adopted on October 28, 2010
- ❖ In force as of February 1, 2011
- ❖ Implications on other legal acts:
 - ❖ 1 other law amended
 - ❖ 2 provisions of the Cabinets of Ministers abolished
 - ❖ 2 provisions of the Cabinet of Ministers promulgated
- ❖ 87 991 LVL (178 119 USD) granted for establishment and operation of IT Security Incidents Response Institution (CERT.LV) in 11 months of 2011
- ❖ Scope – state institutions, local government institutions, owners of critical infrastructure, electronic communications undertakings
- ❖ Aim – availability of vital IT services



IT Security Law = IT security system

- ❖ Framework of IT critical infrastructure protection
 - ❖ List of specific IT infrastructure (not confined to state owned) designated by the Cabinet of Ministers
 - ❖ Responsibility of the owner – to protect the infrastructure in cooperation with a state security agency and CERT.LV
- ❖ IT Security Incident Response Institution (CERT.LV) has to:
 - ❖ monitor electronic space (not content)
 - ❖ assist in IT security incidents
 - ❖ release public recommendations
 - ❖ raise awareness, organize exercises, educate, engage in scientific activities
 - ❖ support law enforcement
 - ❖ supervise electronic communications undertakings in security matters
 - ❖ cooperate internationally and etc.



IT Security Law = IT security system

❖ IT Security Incident Response Institution (CERT.LV) is powered to:

- ❖ request technical information on any IT security incident, request disconnection of end-users (up to 24 hours)**
- ❖ inspect the critical infrastructure**
- ❖ adopt binding decisions, request security audits of public networks**

❖ Action in case of IT security incident

- ❖ Mandatory report by state and local government institutions to CERT.LV, CERT.LV supports in its capabilities**
- ❖ Optional report by private sector to CERT.LV, CERT.LV supports in its capabilities**
- ❖ If an IT security incident threatens the national security, CERT.LV reports to the Minister of Transport and Communications**



IT Security Law = IT security system

- ❖ IT security of state institutions and local government institutions:
 - ❖ every executive is responsible over IT security of the institution
 - ❖ responsible person for IT has to be designated and CERT.LV has to be informed – organizes IT security, annually assesses IT risks, annually is being trained by CERT.LV, annually trains every employee of the institution
 - ❖ mandatory provisions on IT security of the institutions
- ❖ Electronic communications undertakings have to:
 - ❖ issue mandatory contingency plan
 - ❖ report CERT.LV on major disruptions and IT security incidents



IT Security Law = IT security system

❖ National IT Security Council

- ❖ Coordination of tasks and measures set by the IT Security Law**
- ❖ Chaired by a representative of the Ministry of Transport and Communications, vice-chair – representative of the National Armed Forces**
- ❖ Members representing Ministry of Environmental Protection and Regional Development, Ministry of Defence, Ministry of Foreign Affairs, Ministry of Interior, Bank of Latvia, CERT.LV and state security agencies**
- ❖ Meets every three months or upon necessity**

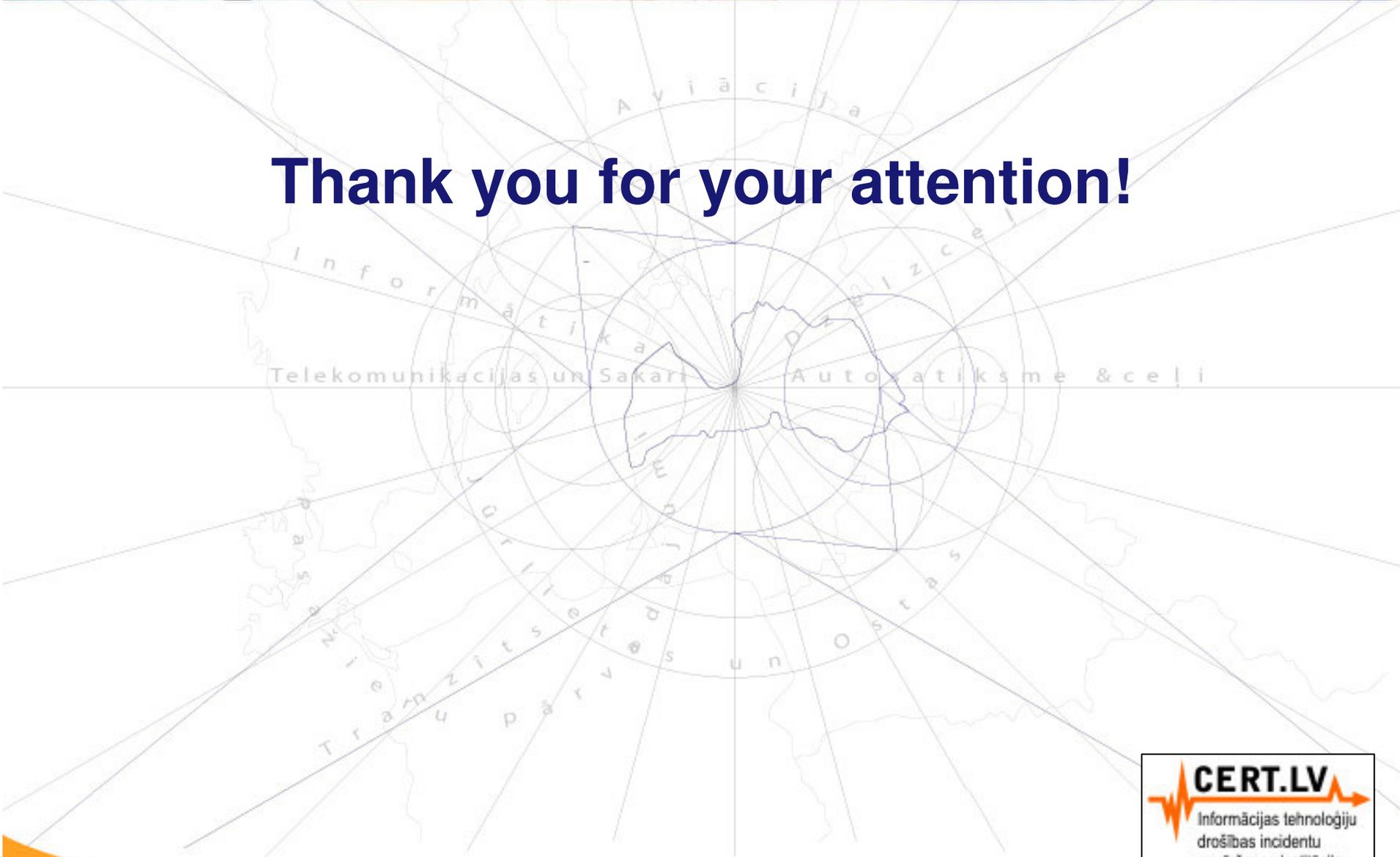


Currently on the agenda

- ❖ Full implementation of the IT Security Law
- ❖ Further development of CERT.LV – authority, capabilities, public visibility
- ❖ Awareness raising activities
- ❖ Proposals for amendment of the Penal Code
- ❖ Intensification of cooperation with Lithuania, Estonia, NATO, ENISA and other nations and organizations



Thank you for your attention!



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