The National eHealth Strategy of the Czech Republic

Priorities in 2018

Martin Zeman

Director of the Department of Informatics & National eHealth Centre

26th Annual Congress of the Czech Society of Cardiology

Brno, May 7, 2018

Priority areas defined by MoH in National eHealth Strategy

- **Creation / amendment of reference registers** which will be the equivalent of the eGovernment Basic Registers and which will be an authoritative source of data for identification of entities, setting of their rights and responsibilities in eHealth.

- **Resolution of e-identity of healthcare workers**, which ensures and strengthens legal and organisational certainty and continuity of work with electronic documents and medical documentation. Procedure will be followed in line with resolution of electronic identity under eGovernment.

- Ensuring **uniform access to eHealth services** in line with the principles of eGovernment.

NÁRODNÍ STRATEGIE
ELEKTRONICKÉHO
ZDRAVOTNICTVÍ

Priority areas defined by MoH in National eHealth Strategy

- **ePrescription** – prepare gradual roll-out of fully-fledged electronic prescriptions. This task will require amendment of the legal regulations.
- **Establish / create a National eHealth Centre** the task of which will be, in a programme based and economical manner, to coordinate and support development of digitisation, to maintain and develop the concept of the national system of eHealth.

NÁRODNÍ STRATEGIE ELEKTRONICKÉHO ZDRAVOTNICTVÍ

Context of the Action Plan with National eHealth Strategy

- **The Action Plan is an implementing document of National eHealth Strategy of the Czech Republic for the period 2016 – 2020.**

- **National eHealth Strategy of the Czech Republic** (hereinafter referred to only as NSeH) **approved by Government Decree No. 1054 of 28.11.2016.**

- **By completion and approval of NSeH, the MoH created a medium-term strategic document, which formulates strategic objectives and a programme for support of these for a period of at least five years on the basis of knowledge of the Czech health service, social conditions and development trends on the level of the EU and the Czech Republic.**

NÁRODNÍ STRATEGIE
ELEKTRONICKÉHO
ZDRAVOTNICTVÍ

Logic of the Action Plan

- **The activities of the Action Plan for National eHealth Strategy are based on the system of strategic and specific objectives of NSeH shown**

- **The basis of this system is constituted by the four following strategic objectives:**
  - Increase in **involvement by citizens** in care for their own health;
  - Increase in the **efficiency of the healthcare system**;
  - Increase in the **quality and availability of healthcare services**;
  - Creation and development of the **Information infrastructure** and of **eHealth governance**.

NÁRODNÍ STRATEGIE ELEKTRONICKÉHO ZDRAVOTNICTVÍ

- **Establish / create a National eHealth Centre to coordinate and support development of digitisation, to maintain and develop the concept of the national system of eHealth.**

- **The National eHealth Centre equipped with professional competences, responsibility, powers to promote the basic principles of computerisation in line with the adopted national strategy.**

- **It will be necessary to create a professionally independent team which is sustainable over the long term within the organisational structure.**

NÁRODNÍ STRATEGIE ELEKTRONICKÉHO ZDRAVOTNICTVÍ

Prepare gradual roll-out of fully-fledged electronic prescriptions including planned functionalities of the the 2nd stage of ePrescription.

- **change to the Act on Pharmaceuticals and the Act on Addictive Substances and the respective decrees,**

- **launch of the patient pharmaceutical record,**

- **check on duplicity,**

- **interaction,**

- **extension of the number of prescription items on ePrescription – amendment of the legislation,**

- **ePrescriptions for NPS (prescription for narcotic and psychotropic substances).**

NÁRODNÍ STRATEGIE
ELEKTRONICKÉHO
ZDRAVOTNICTVÍ

Activity no. 2 – ePrescription

The currently prepared solution is:

- ensuring implementation of the maximum scope of required functionalities within the framework of the effective legal regulations,

- fully respect the already existing eGovernment systems and use of their services to the maximum extent possible,

- modular open system which will be prepared in the appropriate manner to react to any possible changes in the legislation and setting new systems into operation within the framework of state administration and in particular in the field of eHealth

NÁRODNÍ STRATEGIE ELEKTRONICKÉHO ZDRAVOTNICTVÍ

Activity no. 3 - Establishment of a basic eHealth information infrastructure

- **Creation / amendment of reference registers equivalent of the eGovernment basic registers, authoritative source of data for identification of entities, setting of their rights and responsibilities in eHealth.**

- **Resolution of e-Identity of healthcare workers, ensures and strengthens legal and organisational certainty and continuity of work with electronic documents and medical documentation. Procedure will be followed in line with resolution of eID under eGovernment.**

- **Ensuring uniform access to eHealth services in line with the principles of eGovernment.**

NÁRODNÍ STRATEGIE ELEKTRONICKÉHO ZDRAVOTNICTVÍ

4. Activity: Exchange of healthcare records

- **Increase in the efficiency of the healthcare system**

- **Sharing data and communication between providers**

- **Facilitate secure sharing of information about healthcare**

NÁRODNÍ STRATEGIE ELEKTRONICKÉHO ZDRAVOTNICTVÍ

5. Activity: Cyber security

- **Specific objective - Administration of eHealth**

- **Creation of (secure) infrastructure for exchange of healthcare information on a regional and national level**

- **Protection of privacy, quality policy and security**

NÁRODNÍ STRATEGIE
ELEKTRONICKÉHO
ZDRAVOTNICTVÍ

6. Activity: eHealth portal

- **Ensuring easy and equal access to information about providers of healthcare services, ensuring the availability of services using simple electronic communication tools**

- **Provision of precise information about state of health and treatment plans**

- **Development of information support during care for one's own health and increasing health literacy**

NÁRODNÍ STRATEGIE ELEKTRONICKÉHO ZDRAVOTNICTVÍ

7. Activity: Telemedicine and mHealth

- **Definition of a technical and organisational framework for telemedicine and mHealth**

- **Safe and effective applications in telemedicine and mHealth**

- **Creation of a framework for data security and transferability in telemedicine**

- **Electronic support for treatment in the patient's home environment**

NÁRODNÍ STRATEGIE
ELEKTRONICKÉHO
ZDRAVOTNICTVÍ

Thanks for Attention

martin.zeman@mzcr.cz

National eHealth Centre of the Czech Republic

www.nsez.cz