



ASSECO

Inter-hospital Data Exchange Framework
Codename: ELIZA

ITAPA 2010

Péter Tóth

9.11.2010



AGENDA

- Data Exchange in Hungary
- The Needs
- The Solution
- Architecture
- Rights Management
- Searching abilities
- Anonym Statistics
- Other possibilities



DATA EXCHANGE IN HUNGARY

- Early birds in Data Exchange
 - IHIS – the BT/HP solution
- The One Database model
- MedWorkS features



THE NEEDS

- The care providing facilities are distributed
- Have to have all the care records
- Digital data, less paper work
- Less human mistakes
- Making the right decisions based on facts
- Working together

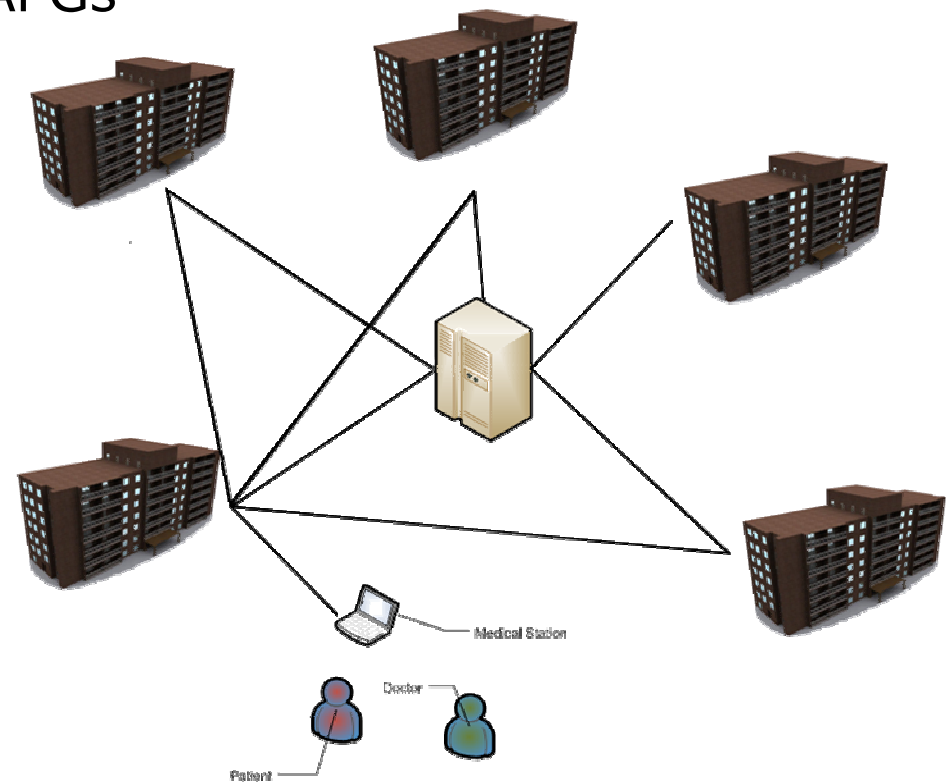


THE SOLUTION

- Central routing of the queries
- Query routing is based on basic data
- Data is stored in the existing HIS
- Communication based on standards (HL7, EHR)
- Advanced Patient Right Management
- Queries based on standards

ARCHITECTURE

- Central repository
- Direct contact between care professionals
- Open interface to hospitals/APGs
- Communication modules



RIGHTS MANAGEMENT

- Generic authorization
 - Specific care-professional
 - Specific region
 - Specific institute
 - In case of emergency
- Case-by-case authorization
- Open Authorization framework
 - Normal or chip card based



SEARCHING ABILITIES

- Finding the right data
 - by standard codes, like
 - WHO's International Statistical Classification of Diseases and Related Health Problems,
 - International Classification of Procedures in Medicine
 - Systemized Nomenclature of Medicine
 - by the care professional or by the care provider institute
 - by the description of the care
 - by META information



ANONYM STATISTICS

- The need for statistics
- Abilities of creating statistics
 - by standardized medical codes
 - by patients generic properties (age, gender, region)



OTHER POSSIBILITIES

- Opening the interface to patients
 - Handling the care-records
 - Handling the authorizations

THANK YOU FOR YOUR ATTENTION

Asseco Central Europe, a.s.

Trenčianska 56/A, 821 09 Bratislava
Tel.: +421 2 20 838 400
Fax: +421 2 20 838 444
Email: sales@asseco-ce.com
www.asseco-ce.com

GlobeNet Zrt.

Istenhegyi út 97/A
Tel.: 06/1 269 2324
Email: info@globenet.hu
www.globenet.hu

This presentation is the property of Asseco Central Europe (ACE) business group. Information presented serves for marketing purposes only and constitutes neither an offer to sell nor a solicitation to buy. ACE members accept no liability whatsoever for any loss arising directly or indirectly from the use of, reliance of any information contained in this presentation or for any omission of the information. The processing, copying, recording on information carriers, as well as making this presentation or any part thereof available in any way to third parties requires the prior consent of ACE member.