

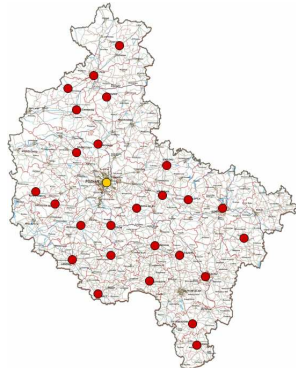
# 'IT Security for e-Health' Workshop: 4<sup>th</sup> Sept 2009

Wielkopolska Center of Telemedicine

Poznan Supercomputing and Networking Center

## The Challenge or problem

The Wielkopolska Center of Telemedicine project aims to deliver telemedical infrastructure to the hospitals of the region in order to increase accessibility to the specialistic medical services provided by the clinical departments of the Poznan University of Medical Sciences. The WCT infrastructure will link at least 26 hospitals in the region with 7 clinical departments located in Poznan.



## Primary interests

Poznan Supercomputing and Networking Center (PSNC) is the leading ICT research centre in Poland. PSNC is also the operator of the national optical network PIONIER and of the Poznan academic network POZMAN. For many years the centre has been developing various information society services in cooperation with the private and public sectors.

One of the areas PSNC has recently engaged into is supporting the healthcare system with advanced ICT solutions. The centre established a partnership with the Poznan University of Medical Sciences and Poznan University of Technology in order to provide the regional healthcare with the state-of-the-art ICT tools for sharing medical data.



## The Approach to address the Challenges

The Wielkopolska Center of Telemedicine project will build an ICT infrastructure to enable several telemedical services. These services will allow the specialists of the clinical departments of Poznan University of Medical Sciences to share their know-how with other healthcare professionals in the region. The project aims to enable the following telemedical services for use by the Wielkopolska healthcare:

- medical teleconsultations
- medical teleeducation
- clinical decision support
- medical statistics

The pilot medical domain for which the infrastructure described above will be enabled is trauma / surgery. Launching of the WCT infrastructure is planned for April 2011.

The project is supported by Iceland, Liechtenstein and Norway from the funds of the EEA Financial Mechanism.



## Goals in attending workshop

- learn from experiences of similar telemedicine and e-Health initiatives across Europe
- establish links with similar telemedicine and e-Health initiatives across Europe
- collect knowledge about strategies and approaches towards securing ICT infrastructure processing sensitive patient data
- advertise an opportunity to deliver solutions for the Wielkopolska Center of Telemedicine by interested companies (i.e. solutions supporting the organisation of a regional system of medical teleconsultations)



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