

Minutes WCPT/PSNC meeting  
9.10.2013, PSNC, Poznan, Poland

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## Revisions

Version	Status	Author	Date	Changes
0.1	Draft	Tomasz Parkoła	14.10.2013	Initial content.
1.0				

**Time:** 09.10.2013, 09:00-12:00 CEST

**Venue:** PSNC, Poznan, Poland

**Participants:** PawełKominek (PK)  
PiotrJędrzejczak (PJ)  
MichałKosiedowski (MKos)  
MichałKozak (MKoz)  
Tomasz Parkoła (TP)  
AleksanderStroiński (AS)

**Apologies:**

**Chair:** Tomasz Parkoła

**Minutes by:** Tomasz Parkoła

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## Minutes

PK discussed all important software components in WCPT and their relation, including interoperability aspects. There are multiple systems at WCPT, but most important from SCAPE point of view are:

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- Hospital Information System as a central module at WCPT for managing all the information about hospital patients. It provides HL7 gateway for all other systems at WCPT.
  - Laboratory Information System for managing examinations and their results done at laboratory side.
  - Radiology Information System for managing radiology related activities (e.g. examination and analysis).
  - PACS servers for managing DICOM files which are outcomes of radiology examination (Roentgen and Computer tomography).
  - Storage servers for a/v content (surgery recordings from bronchoscopy)
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All the information about patient's visits, examinations, etc. is stored in HIS system, therefore both LIS and RIS communicate with HIS and store their data in it. Communication between the systems is

possible via HL7 gateway provided by HIS system. Therefore all the data is transferred using this gateway.

TP starts discussion about WCPT scenarios, which are related to potential usage of the data stored during patient's treatment. The following scenarios has been identified:

- **Treatment scenario:** Retrieval of information in the context of patient's treatment. It is common that when patient comes into the doctor's office, the doctor needs history of patient's treatment. Therefore an easy and efficient way of data retrieval in the context of particular patient is necessary.
- **Educational scenario:** Retrieval of information for educational purposes. It is highly important, in the context of education, to have the possibility to retrieve the data based on different criteria, such us type of disease, type of examination. The results can be then provided to students or practitioners to analyse and discuss specific aspects.
- **Research scenario:** Analysis of information stored in the SCAPE platform for research/statistical purposes. The main aim of this kind of analysis is to prepare general conclusions based on specific criteria related to stored data. E.g. appearance of particular disease in specific time-period or age of patient.

In order to store necessary information in SCAPE platform, we need to obtains specific data from specific systems. We also need to specify the main criteria of retrieval and analysis related to particular scenarios that has been identified. The most important issues are as follows:

- We would aim to store in SCPAE platform information from HIS and PACS servers.
- WCPT needs to identify which information (from HIS) can be stored externally at PSNC premises and under what conditions (according to WCPT policy).
- We need to identify the retrieval/analysis criteria for particular scenarios

In the context of a/v content we need to consider adding them into PACS servers, using DICOM standard. WCPT needs to consider this approach.

## Tasks

Nr.	Person	Task	Due Date
1	PK	Identify which information from WCPT HIS can be stored externally at PSNC premises and under what conditions.	16.10.2013
2	PK	Identify retrieval/analysis criteria for WCPT scenarios.	16.10.2013

3	PK	Consider using DICOM files for a/v content available at WCPT.	16.10.2013
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