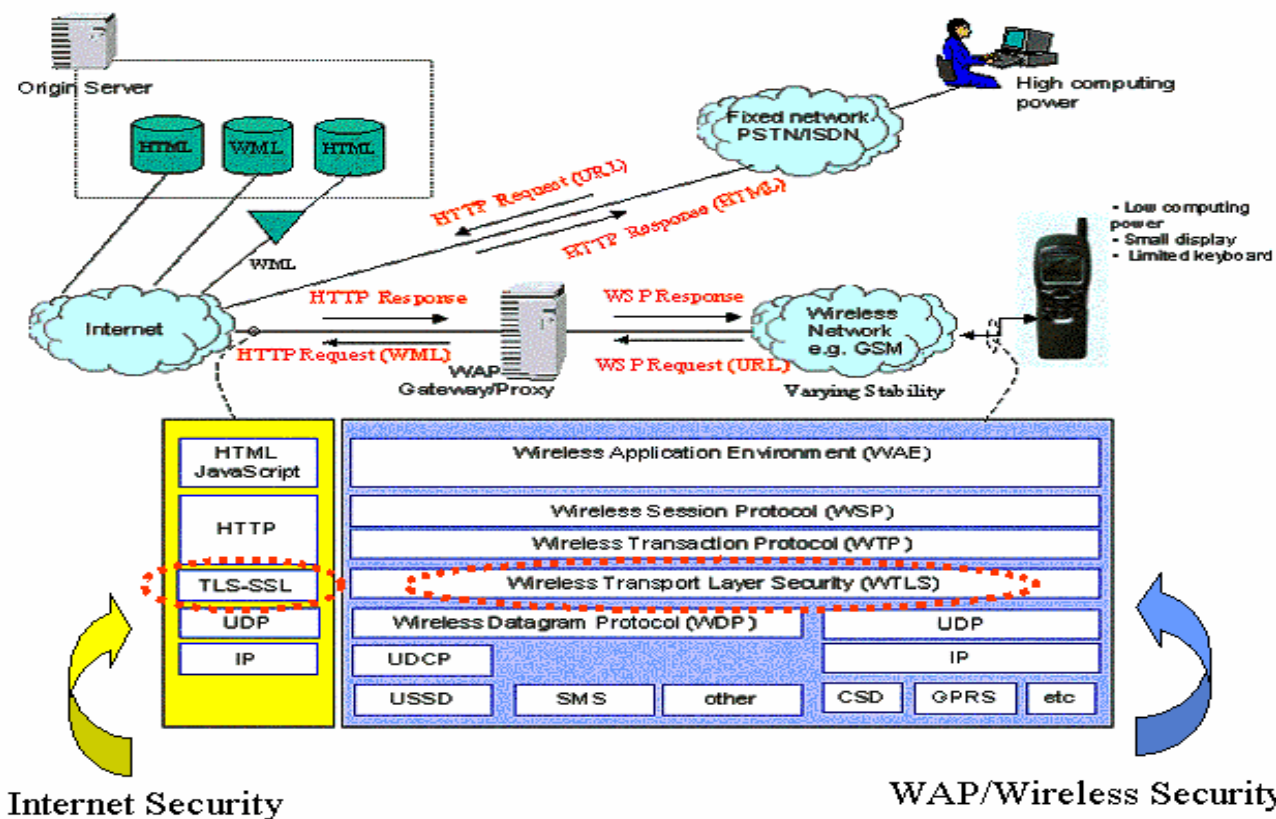


The Overall Architecture of the ISLANDS System: towards a modular non-conventional Telepsychiatry System

*Dr. Angelos Amditis, Ms. Zoitsa Lentziou,
Dr. Evangelos Bekiaris, Dr. Maria
Fernanda Cabrera, Dr. Alex Bullinger*

Initial Approach for the ISLANDS system architecture

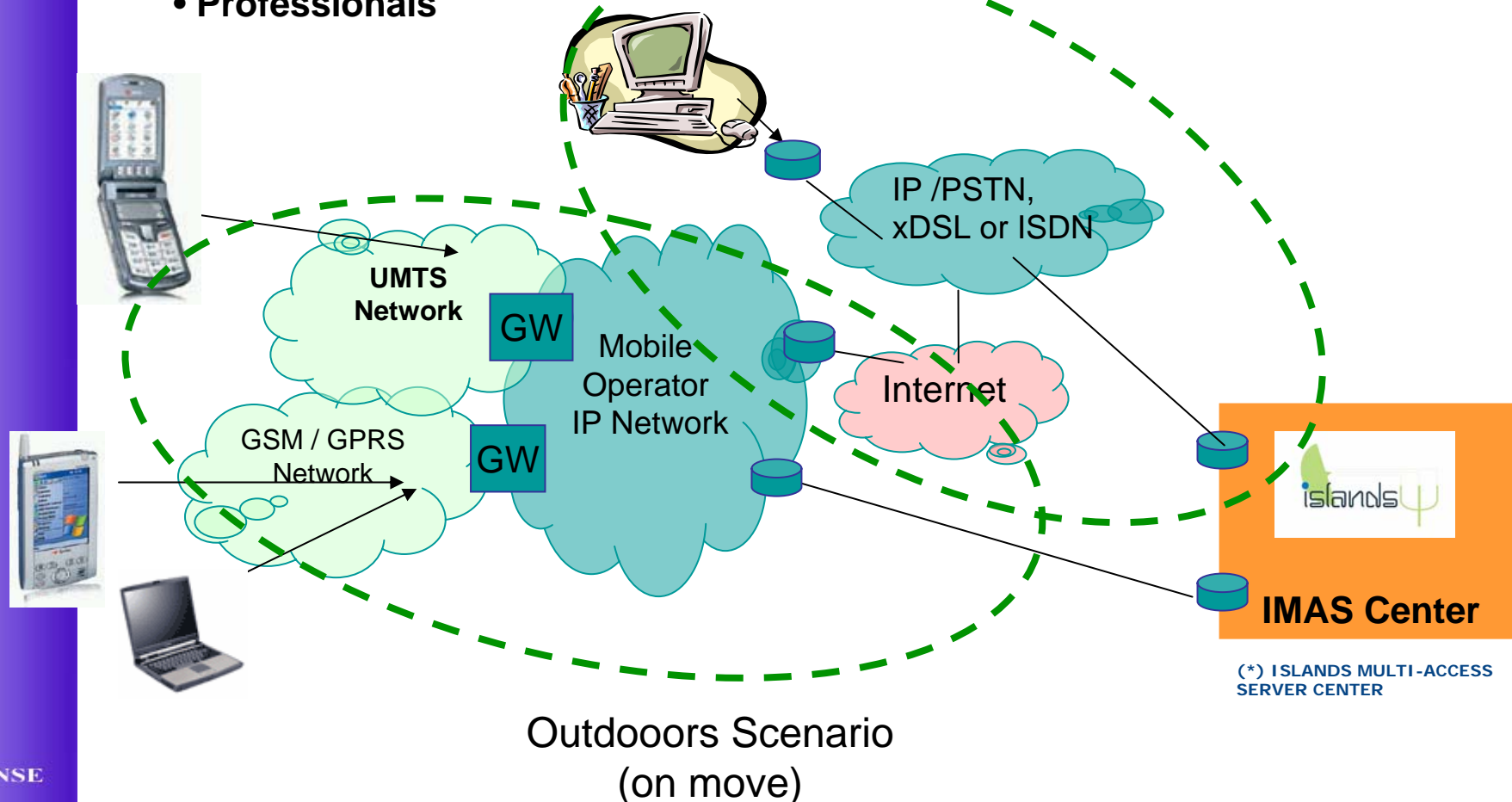


ISLANDS System Architecture

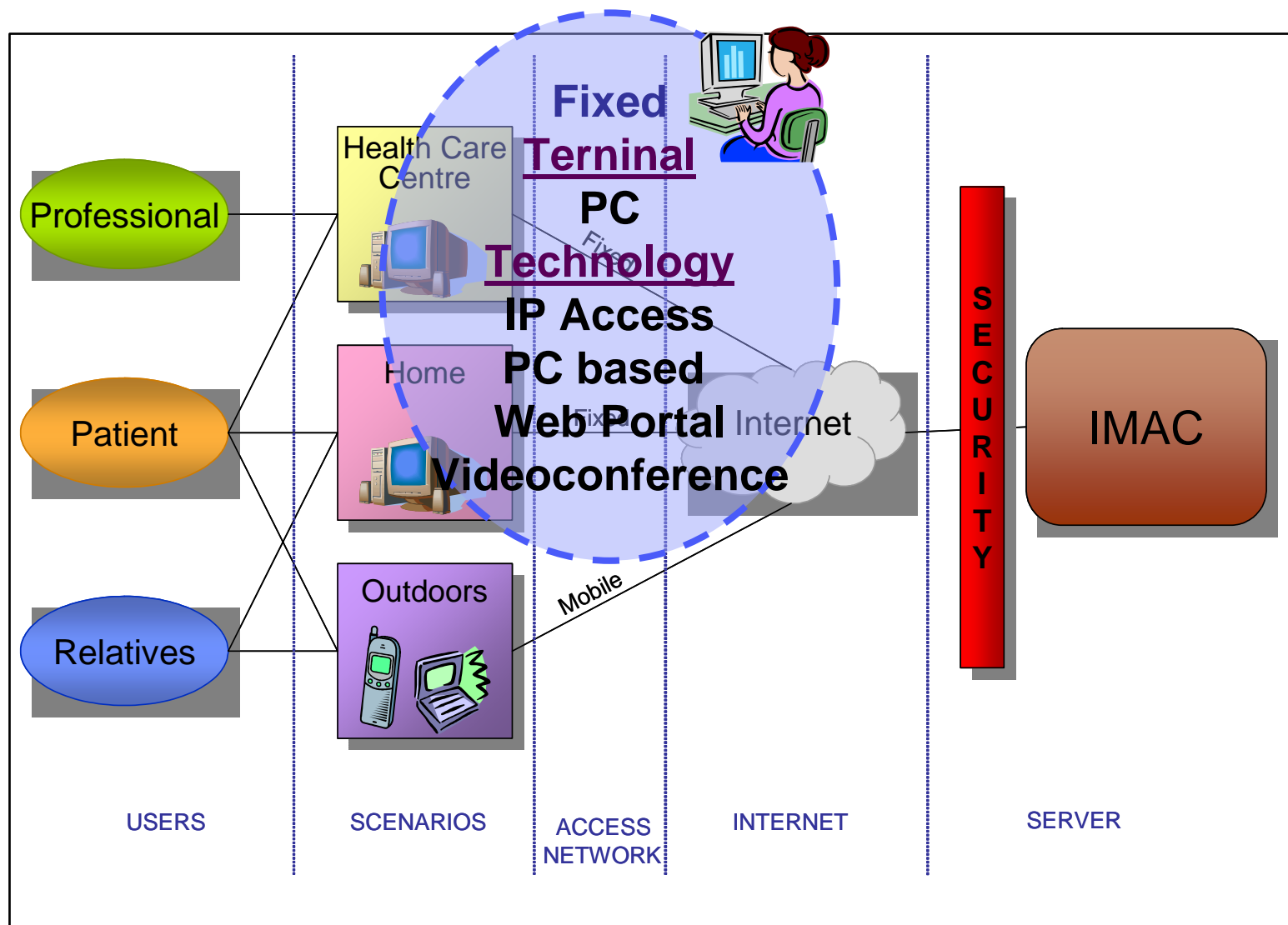
Users:

- Patients
- Relatives
- Professionals

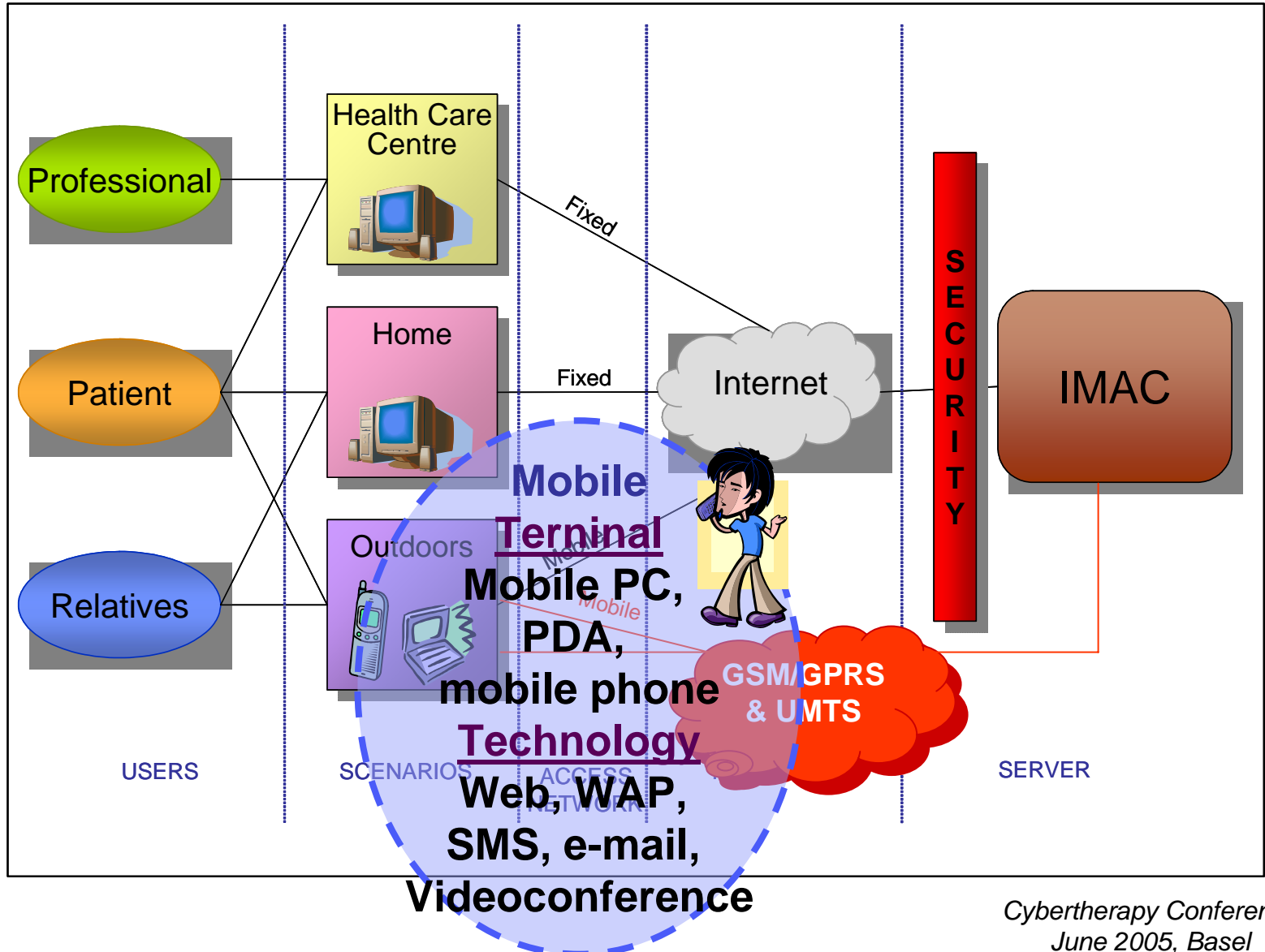
Fixed Scenario
(Home/ Health Care)



ICCS Islands System Architecture: Fixed



Islands System Architecture: On move

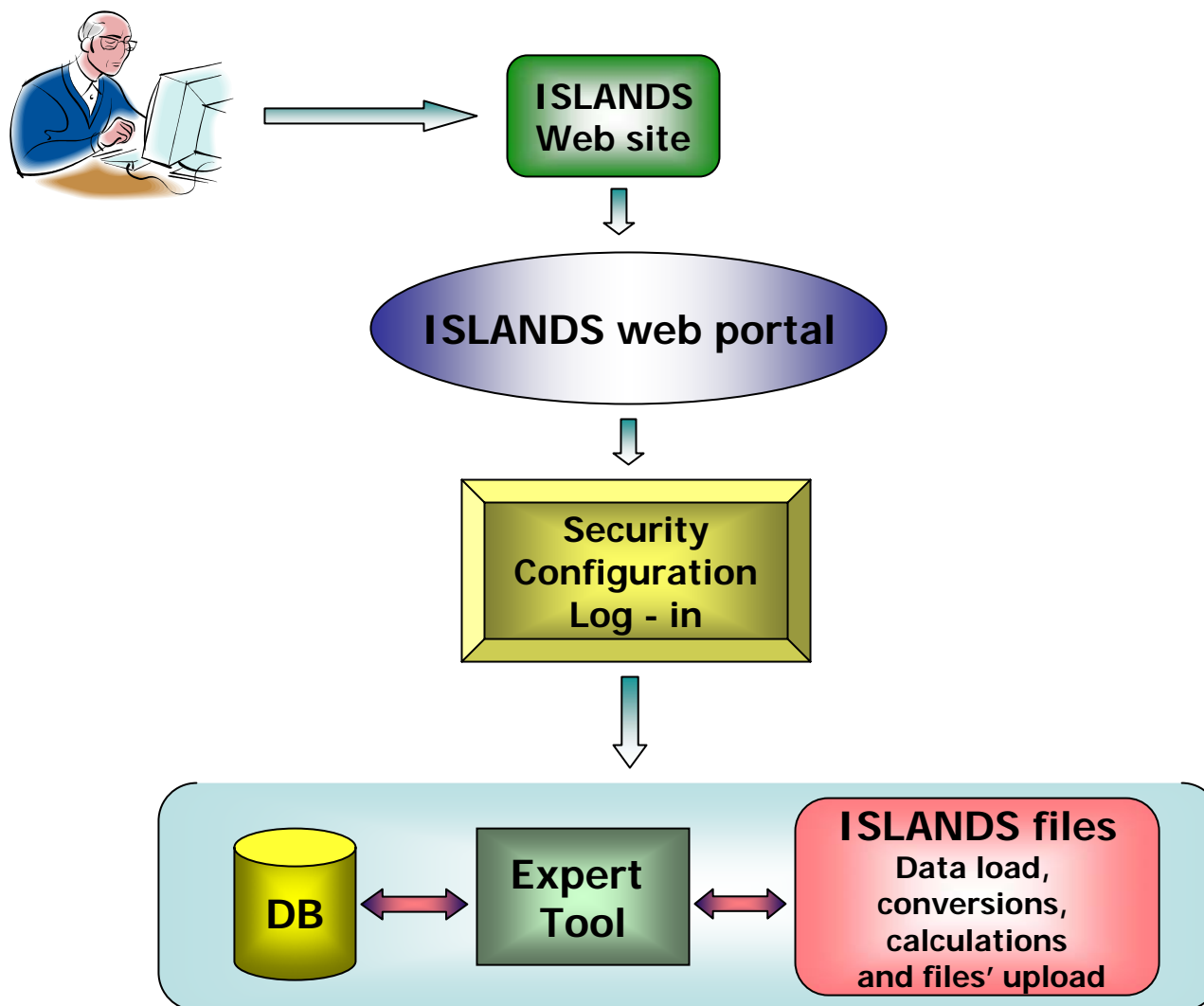


Software Architecture

The web tools that are developed include:

- The ISLANDS web portal with publicly accessible areas for service delivery request, service statistics for information delivery, live chats between various service users, etc. and also privacy protected areas, where the interactive service will be delivered (including personal and medical data transfer), where only authorised medical personnel of particular project will have access.
- The ISLANDS Database with a user-friendly and modular interface and a multi-criteria search engine, to be useful to the whole range of potential users.
- Presentation, network and adaptation module for adjusting the features of the available device.

ISLANDS Web portal




ISLANDS Database

Untitled Document - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Mail W Yellow folder

Address <http://localhost/islands/search.asp> Go Links >>

 **Tools** **Treatments** **Centres of Excellence** **Case studies** **Search**

Specify a parameter to search for:

Disorder:

Tool acronym:

User group:

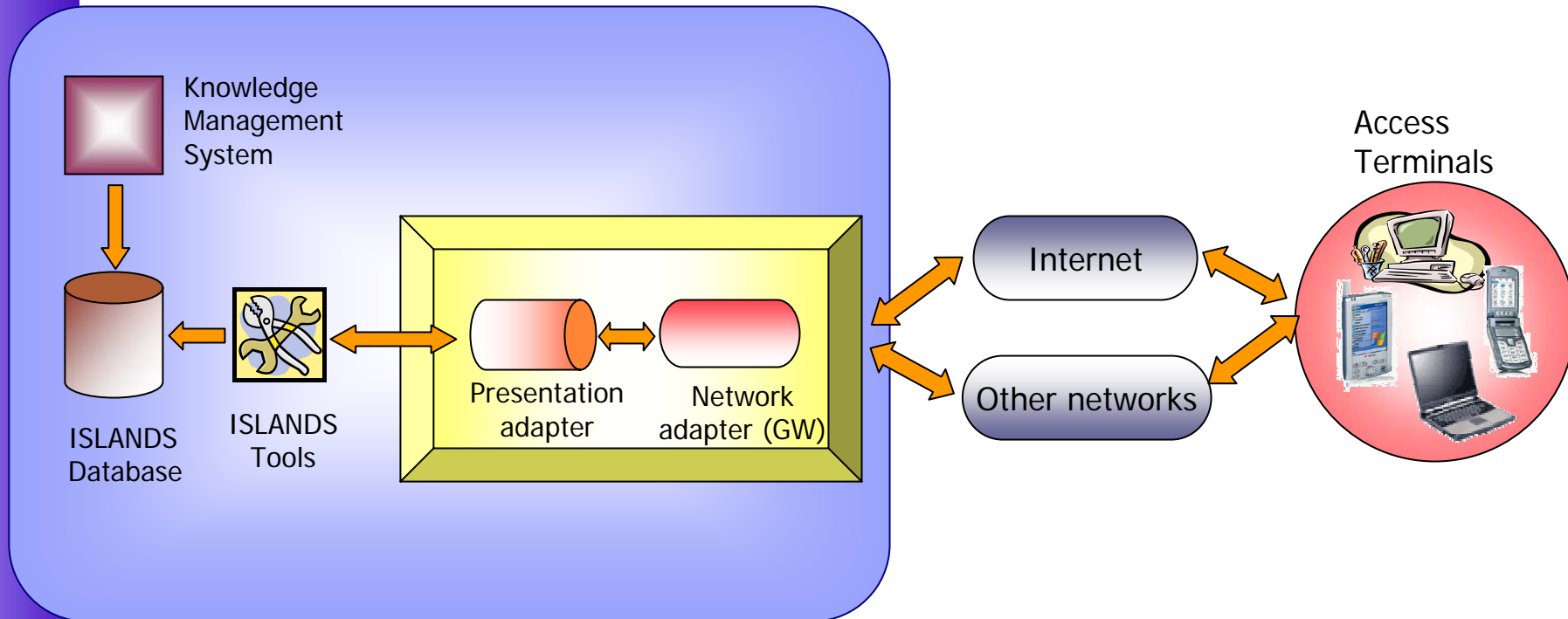
Method of service provision:

Service:

Country:

Local intranet

Presentation and adaptation module – Functionality of the IMAC



Conclusions

- The establishment of psychiatry sessions through the use of electronic means raises many questions regarding its feasibility and faces many problems that have mainly to do with the users' needs and acceptance and several technological constraints and barriers.
- Future work involves the evaluation and verification of the communication and technological platform that was developed within the ISLANDS project