



ORGANIZATION OF THE BLACK SEA ECONOMIC COOPERATION



Infocommunication technologies providing epidemic safety of the Organization of the Black Sea Economic Cooperation member states

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City: Istanbul

Date: Feb 3 – 4, 2009

Event:

Meeting of the BSEC
Working Group
on Health Care and Pharmaceuticals

Topic of discussion:

Project of the proposal of the Greek Republic
on creation of the network of epidemiological surveillance
and public health threat prevention
in the BSEC Region



Conditions necessary for efficient monitoring

- ☐ Continuous monitoring and information exchange
- ☐ Information availability to project participants
- ☐ Information integrity
- ☐ Information security
- ☐ Ensuring trust in the information using the TTP technology (Trusted Third Party)

INFORMATION PORTAL

Purpose: epidemiological surveillance and public health emergency prevention in the BSEC member states



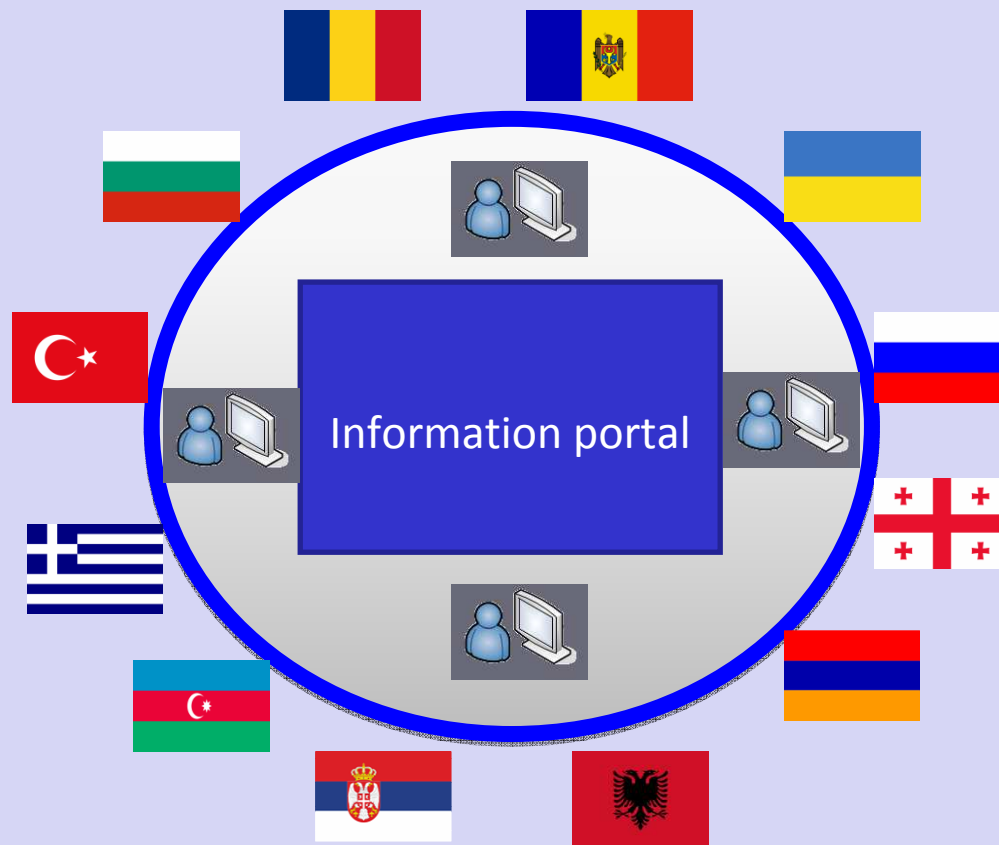
Generally accessible information circuit

Purpose: to ensure data integrity using protection tools included in the technical features of the portal



Specialized information circuit

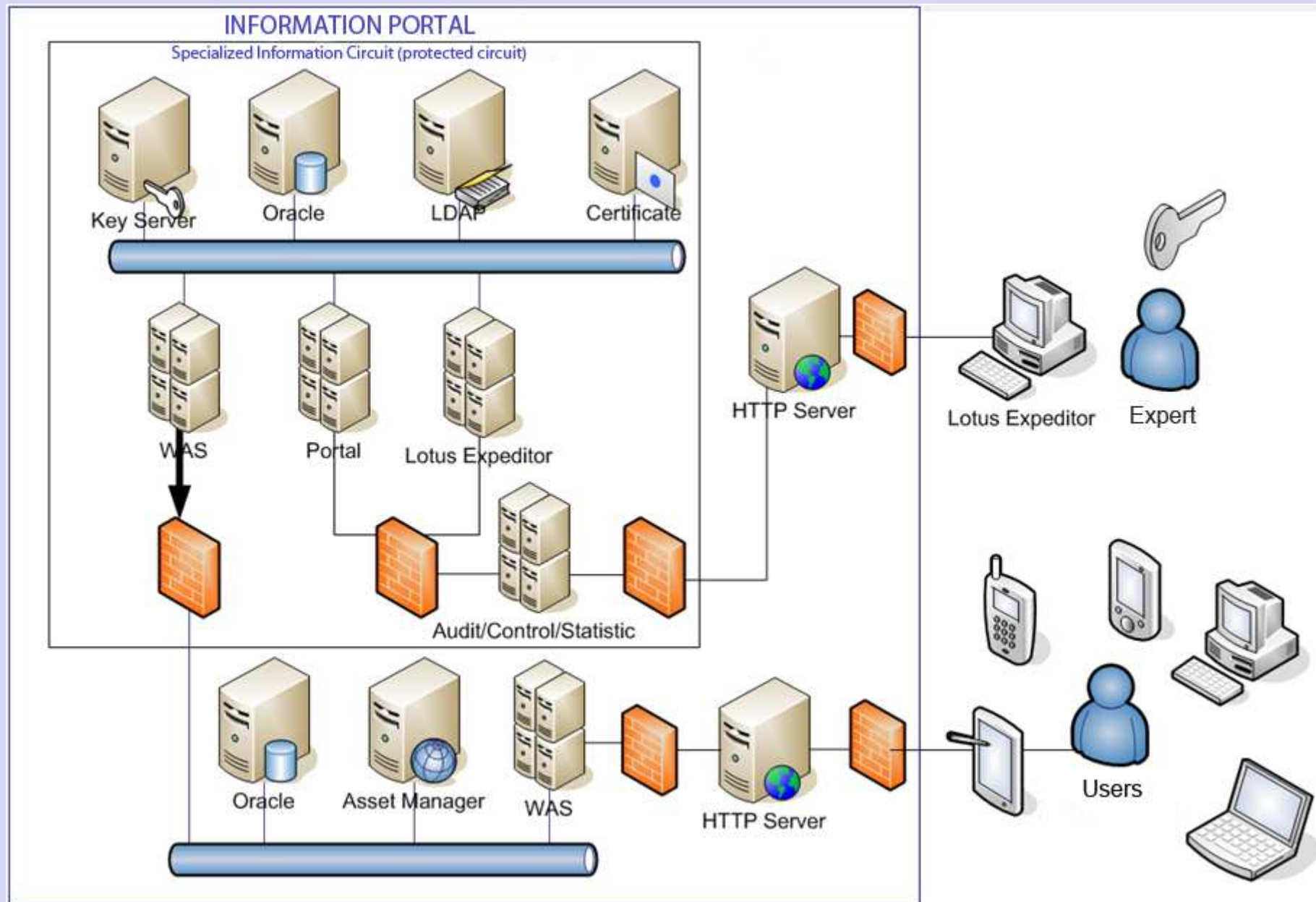
Purpose: identification and authentication of experts;
differentiation of access to portal resources;
epidemiological information exchange system.



The implementation of the project will allow:

- to enhance the disease and public health emergency monitoring system in the BSEC Region;
- to evaluate the epidemiological situation in the BSEC Region in the real-time mode;
- to transfer the received information to the sanitary-epidemiological services of the project participant states in order to develop a joint action plan;
- to considerably reduce the costs of anti-epidemiological measures and liquidation of consequences of public health emergencies;
- to considerably raise public awareness of the epidemiological situation and emergency threats in the BSEC Region .

Server scheme and circuit organization



Software

- Oracle Database Server
- IBM WebSphere Application Server
- IBM WebSphere Portal Server
- IBM Lotus Expeditor
- IBM Rational Asset Manager
- IBM HTTP Server
- Microsoft Active Directory

Thank you for your attention!

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