

Interactive Database of Kosovo Police Service

This information system enables managing the database of Kosovo Police Service (KPS). One of the WEB applications is used for database access from the local corporation WEB in the central department of KPS (KPS HQ). The other is used for access to the database through Internet, WEB server and WEB application server.

The WEB server and the other part of the corporation WEB including Database server are protected with a Firewall which checks every communication package in order to stop unauthorized access to corporation WEB.

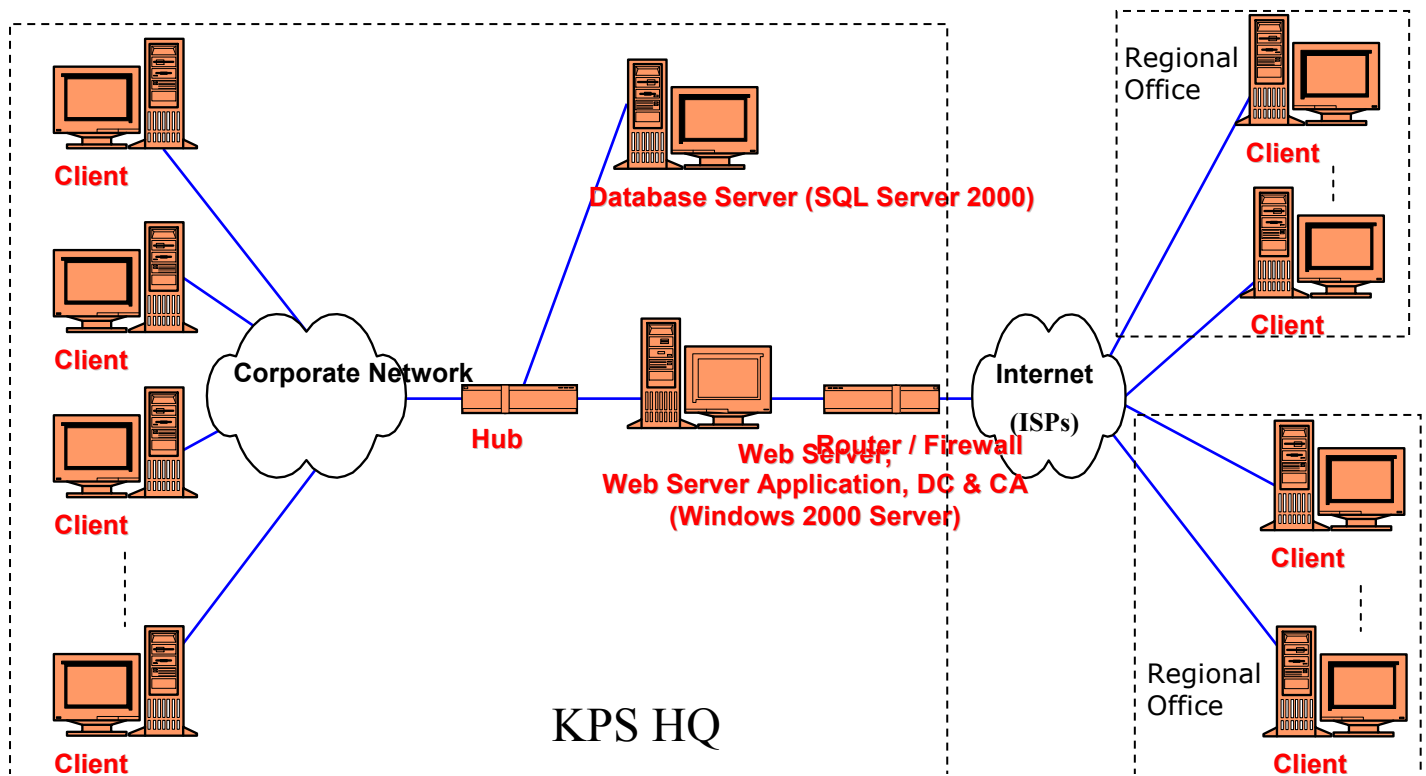
Because of the impossibility to implement an appropriate WAN infrastructure, part of the system works through Internet. That imposes the need for appropriate protection by implementation of Public Key Infrastructure (PKI) with organizing appropriate Certificate authority (CA), responsible for granting certificates to system authorized users.

Every user gets a Certificate that will be installed on his/her WEB browser and certain privilege for defining his/her rights for access to appropriate data. The system enables access to certain sites for which the user is authorized.

The database server and WEB server are implemented on separate computers for better system security, for easier maintenance and for further superstructure.

The clients are connecting on WEB application server using HTTPS protocol from any computer that has TCP/IP address, which enables access to servers protected with a Firewall.

Global graphic scheme follows:



Developing SW platform

- Database Server- SQL Server 2000
- WEB Server – MS Windows 2000 Server , IIS , Domain Controller (DC), Active Directory services & Certificate Authority (CA) services
- Client's browser & OS – MS Internet Explorer , MS Windows 2000 Pro.
- Client-server application - Borland DELPHI
- WEB server application – Delphi Web-Snap over MS ASP

End-users

- Kosovo Police Service Main HQ - Prishtina
- Kosovo Police Service Regional HQ's
- Police Stations in Kosovo