FŐKIR SHORT SYSTEM INFORMATION

The aims of the system, contents

FŐKIR (Educational Information System of The Capital) is an integrated information system developed by the Municipality of Budapest. The aim of the development and functioning of the system is that in the institutions managed by the Municipality of Budapest:

- the system provides uniformly the local registry according to the laws and regulations available at all times (mainly in the fields of public education, child protection, vocational training and financing),
- the system backs up uniformly data supply towards the Municipality and the State (database management, electronic data production and supply, ensuring the possibility of on-line revision of data (e-government, paperless office)),
- the system provides further possibility to process data in order to prepare and make decisions.

The system was introduced in 2003. It works in 150 educational institutions.

The technical structure of the system

Institutional subsystem

The data is stored on independent servers in the institutions, to which the users can access by their own workstations. The WEB-based institutional subsystem uses Java with Apache Tomcat web server. The system can be used together with Windows and Linux operation system as well.

Communication subsystem

All institutions access directly through a Virtual Private Network to the server of the Municipality of Budapest.

This electronic channel enables
§ The communication between the schools and the Municipality
§ Updating the program
§ On-line data supply
§ Protected and safe communication channel.

Central subsystem

The Central subsystem is composed of SQL cluster servers of the Municipality, its file – and communication servers, the internal network architecture and the linked workstations. The data is stored in MS SQL environment.

State accreditation of FŐKIR

The Ministry of Education and Culture invited applications for the development and state recognition of school administration systems. The FOK Kht as developer of FŐKIR gained the qualification.