



Main Topics

Buki

School Graduation Exams

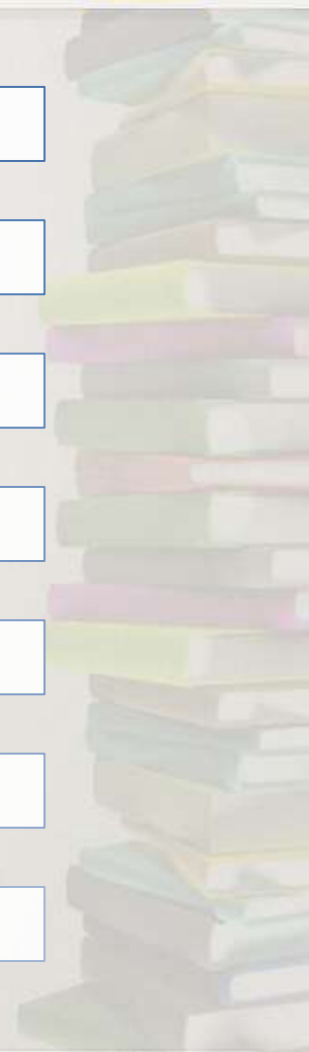
Central Data Center

Schools IT Infrastructure

Unified Call-Center and Internet Portal

Intranet

Management System, Database





Buki (Netbook for 1st graders)

Buki

- In 2011 about 60,000 netbooks have been presented to all 1st graders in public schools.
- Netbooks were assembled in Georgia in the computer factory of the company Algorithm.
- The project will continue annually.

Portal

- Special portal for electronic learning materials – [www. Buki.ge](http://www.Buki.ge).
- New portal „skool.emis.ge“ was created in cooperation with the company Intel.
- The portal is being updated periodically with new electronic learning materials and educational games.

Completed

Completed



2010-2011 Academic Year

- Were carried out online at 1520 schools simultaneously.
- Existing infrastructure has been improved and rapid response has been made to the incidents through 300 regional IT specialists

Completed

2011-2012 Academic Year

- Will be carried out in about 1600 schools simultaneously.
- Current infrastructure will be renovated.
- About 300 IT specialists will provide technical support

In May, 2012



EMIS Data Center

- Was created in 2011 (*Latest update was made in November, 2011*);
- Is made according to the international standards;
- Serves any entities in the educational system;
- Covers all public and private schools;
- Covers all LEPL that are under the governance of Ministry of Education and Science (with main as well as backup channels).

Plans in 2012

- All educational institutions (universities, vocational institution, etc.) are planned to be covered;
- Creating backup data center is planned.

Completed

By the end of 2012



School Box

- School box consists of special selected and tested equipment (Server+Router+Switch) that will support the schools to have stable and safe internet access.
- Will promote implementation of school management systems and other services.
- Initially will be introduced in 1500 examination schools.

Will begin in 2012

Computer labs

- 22,000 new computers will be distributed
- Standards of computer labs will be defined according to the number of students
- All schools will be provided with standardized equipment and software
- Computer safety system (viruses, external intrusion, etc.) will be reinforced.

Will begin in 2012



Unified Call Center and Internet Portal

Unified call center

- Unified call center of the Ministry of Education and Science (220 0 220) was created, through which each citizen can obtain information about any innovation, projects, etc. in education sector by making a single call.
- Unified phone network and call center management software is planned to be created in the Ministry and LEPLs that are under the governance of the Ministry.

Will be completed in 2011

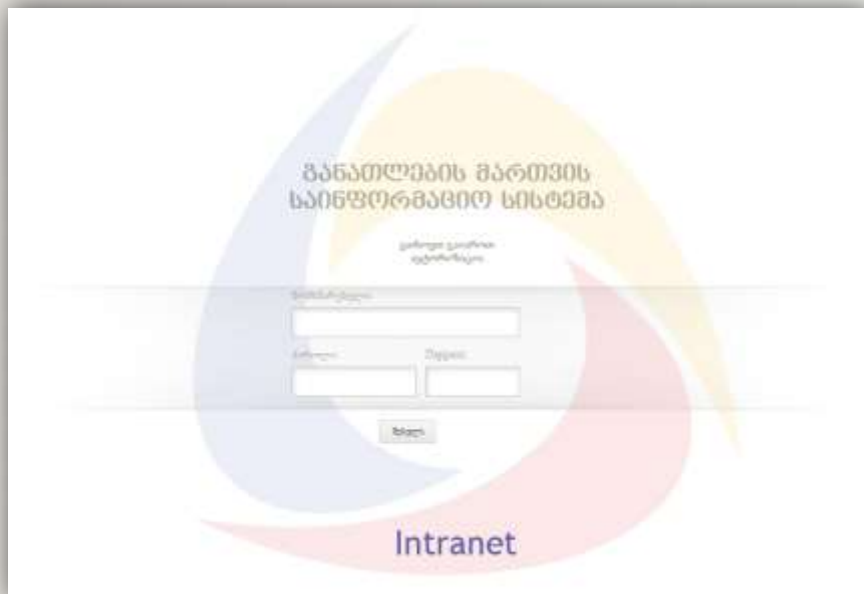
Internet Portal

- Any information in education sector is accumulated in the single portal www.emis.ge. On-line help will also be introduced.
- Unified registration system (admission to school, university entrants, registration on trainings and certification exams, etc.)

Will be completed in 2011



Intranet



Intranet

- Intranet will allow administrative staff of educational sector to access different data bases and management systems (in accordance with the authorization determined in advance)

Will be completed in 2011



Management Systems, Data Bases

ePeople (human resource management system)

- Includes complete database about employees in the educational system. The system will contain information about employees of the Ministry of Education and Science, LEPLs, schools, resource centers, school board of trustees and teachers.

eSchools (School Information System)

- Introduction of school information system has been started in the schools of Tbilisi, Batumi and Kutaisi. System will include detailed information about Students (school attendance, assessments, achievements, etc.), history (mobility of students, externs, etc.), electronic journals and time-table of lessons. The system will allow the schools to fully maintain educational process online. In the following year new service will be added to the system that will provide daily information to parents about their children's attendance and academic achievements.

eStudents (Students Management Information System)

- New students management information system was introduced that enables schools to control online information about their students, manage mobility process, select text books and identify school children from socially vulnerable families.

Will be completed in 2012

began in 2011

Completed



Management systems, Databases

eROfficers (Resource Officers Information System)

- Resource officers information system was introduced that allows school resource officers to make their office work electronically.

completed

eFinance (School Finance Monitoring System)

- School finance and monitoring system was introduced in a testing mode, that allows the Ministry to control effectively public school expenses. The improvement of the system will be completed by the end of 2011. System will start full functioning from 2012.

Will be completed in 2012

eCatalog (Educational Institution Catalogue)

- Creating of educational institution catalogue is planned, where complete information about schools (address, condition of infrastructure, photos, level of education/sectors, achievements, etc.) will be accumulated at the starting stage. In future, information about vocational and higher education institutions will be added to the catalogue. The Catalogue will help the citizens to obtain complete information about educational institutions.

Will be completed in 2012



Management Systems, Databases.

eAssets (School Infrastructure Management System)

- Making of unified system of infrastructure for public schools is planned that will accumulate information about school infrastructure (buildings, school yard, etc) as well as inventory.

eGIS (Geographic Information System)

- Ministry of Education and Science of Georgia is creating concept of geographic information system, that includes processing of electronic maps and creating special electronic platform. The platform enables the Ministry to join any type of information according to the geographic location. Geographical informational system also includes creating unified data analysis system, that enables the Ministry to plan any type of new projects and make forecast in a better way.

Will be completed in 2012

Will begin in 2011



eThanks

