

ABSTRACT

National Research and Education Network(NREN) could be not only a simple ISP or service provider for Researcher and Academia but it can be used as well as a bridge between Universities and public Authorities to promote the quality Assurance in Education and Research. In this poster is described the case study of Albanian NREN (RASH) and how is orientating its strategy using this paradigm.

SOFTWARE SERVICES

RASH dedicates a department to developing and maintaining web applications for education and research purpose, providing several solutions to universities and education institutions.



U-ALBANIA developed in RASH is already a well known platform for student admission process. Students use a unique point of access to apply for all public and not-public universities. They are able to check in real time the classification and they are alerted when there is a vacancy for their preferred University Course. This high performance platform manages the admission of 50 thousand students in real time.



M-ALBANIA developed in RASH is a platform that manages the career process of Teachers. Ministry of Education uses this platform to monitor the quality of teaching and take responsible decision for the future engagement of teachers.

MËSUES PËR SHQIPËRINË



National Research catalog is a Platform used periodically from Ministry of Education to public the census of Research in Albania. The platform generates statistics in real time and offers analysis methods for data.

Partitoli i Kërkimit Shkencor

ESSE3, UGOV and **IRIS** is the set of software provided by our partner **CINECA** which we offer to our universities.

ESSE3

ESSE3 is the main platform used for the career of the students. Manages exams registration, exams votes, professor access, administrative process for students career. It is synchronized with U-ALBANIA Platform.

U-GOV

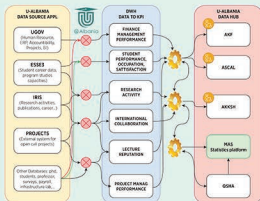
UGOV is the financial and management platform used by the universities.

IRIS

IRIS is the research catalog of the university where researchers declare their publications. It is synchronized with international Research Magazines and with Albanian National Research Platform.

DATA HUB in a NREN

RASH with its Software department is projecting to develop a platform based on Open Data concept that would be a natural Bridge between Academy, Government and Private Industry.



This platform will be based on ODS (operational data store) layer which will gather data from several sources (Universities databases, Government Agencies) in a unique high performance database. Integration services will transform data to be ready for data mining approaches and then to be used for analyzing information in data marts and reporting solutions.

NETWORK

Albanian Research & Education Network, RASH (in Albanian: Rrjeti Akademik Shqiptar) is offering Network and DataCenter services to public universities and research institutes managing the educational and research Network in Albania.

RASH owns a high capacity network supported by a backbone with a bandwidth of 10 Gbps situated in the MAN of Tirana. The capacity of connection for campus sites outside Tirana have a total of 1,5Gbps for 6 sites and to 1 Gbps for point-to-point connection inside of Campus. The connection to GEANT BPoP in Milan supports a capa-city of 2Gbps.



eduroam

RASH has implemented eduroam service in the GN4-2 project and is planning to implement other services.

OUTSOURCING SERVICES

RASH offers expertise for several services, both software and hardware:

- **Software developing:** young talents specializes in web developing and software engineering : python, c#, JAVA, front end, etc,
- **Web Hosting:** software installation, system administration, etc.
- **Colocation:** RASH offers dedicated space in datacenter for strategic collaborations and organizations related to research and education.