

<b>Speaker:</b>	Mr. Denis Andreev Director of Technopark ZNIIS Russian Federation
<b>Session</b>	3 ( <i>under Existing testing labs and their areas of activities in the ICTs field</i> )
<b>Title of Presentation:</b>	Testing experience of ITTC for CIS Region

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Testing on the Model networks, emulating functionalities and technical capabilities of operating and new-built networks, becomes as a global approach of NGN testing.

Thus, from 2003 in ZNIIS the Model network was built and opened under the project for NGN equipment testing for JSC «Svyazinvest» (Largest Russian telecommunication operator).

Based on the ZNIIS experience ITU and ZNIIS in 2008 launched joint project with aim to create a special testing center for CIS Region. It's called International Telecommunication Testing Center (ITTC).

During the ITTC operation period were realized a large number of activities aimed at finding and removing errors and differences in the implementation of NGN equipment from different vendors before implementing it into real telecom market. Under the project a lot of training courses and workshop were conducted and more than 200 specialists from developing countries were trained.

As a result of joint activities of the ITU and ZNIIS was received and distributed to developing countries experience in testing of the following:

- Softswitch;
- IMS;
- Fixed Broadband access;
- IP/MPLS;
- SIP protocol;
- MEGACO/H.248 protocol.

It is also important to note that the ITTC events regularly attended by European telecom experts and the specialists from telecommunications organizations of developing countries got European experience on testing and implementation NGN technologies.

This report will be include background and experience on creating ITTC, the common ITTC statistic, experience of European operators in the area of services testing, experience in testing NGN system-network solutions under ITTC project, including Softswitch, IMS, Fixed Broadband access and IP/MPLS.

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