

Report of
The ITU Regional Workshop for CIS and Georgia
on Conformance and Interoperability
Moscow, Russian Federation, 7-9 July 2015



The ITU Regional Workshop for CIS and Georgia on Conformance and Interoperability, organized by the Telecommunication Development Bureau in cooperation with Federal State Unitary Enterprise Central Scientific and Research Institute of Communications (ZNIIS), was held in Moscow, Russian Federation from 7 to 9 July 2015.

The workshop was aimed at exchange of practical experience in the field of conformance and interoperability. The workshop covered the application of procedures relating to conformance and interoperability (C&I): in particular the workshop presented the ITU approach and the process of the ITU C&I programme implementation in the CIS. Among others, the workshop discussed the issues of the certification procedure and conformance declaration. Also, some presentations covered the issues of use of the infrastructure of the ITU/ZNIIS virtual laboratory for remote testing of equipment, new technologies and services, which was created on the bases of the ZNIIS under the CIS regional initiative approved by the 2010 World Telecommunication Development Conference (WTDC-10). A number of speakers noted the necessity of works aimed standardization of the telecommunications and highlighted some aspects of remote interoperability testing, including the IT infrastructure high load testing. The ZNIIS representatives shared their experience in the implementation of the Mobile Number Portability (MNP) Project in the Russian Federation and cooperation with the ITU in the field of the MNP system testing under a pilot project which is currently under progress.

The workshop was attended by representatives of communication administrations, telecommunication regulators and telecommunication service providers, telecommunication universities, telecommunication equipment manufacturers, and software developers from **6 CIS countries** (Republic of Belarus, Republic of Kazakhstan, Kyrgyz Republic, Republic of Moldova, Russian Federation, and Republic of Uzbekistan) and the ITU. **Total number of participants made 39.**



Participants of the workshop

The participants represented the organizations, such as: LLC LNT, OJSC MTS, LLC Techcompany Huawei, CJSC NATEX Group of Companies, LLC IT Centre, LLC N A Rus, J'Son&Partners Consulting, Research and Development Centre Seven Test, LLC Treatface, State Communication Agency under the Government of Kyrgyz Republic, Ministry of Transport and

Communications of Kyrgyz Republic, OJSC Kyrgytelecom, National Communication Association of the Republic of Kazakhstan, State Inspection for Supervision in the field of Communications, Information, and Telecommunication Technologies of the Republic of Uzbekistan, OJSC Giprosvyaz (Republic of Belarus), Ministry of Information Technology and Communications of the Republic of Moldova, Ministry of Telecom and Mass Communications of the Russian Federation. The International Telecommunication Union was represented by Mr. Orozobek Kaiykov, Head, ITU Area Office for CIS and Mr. Andrei Untila, Programme Officer, ITU Area Office for CIS.



Within the framework of the opening ceremony, greetings were delivered by Ms. Natalia Timofeyeva, Head, Division of International Organizations, International Cooperation Department, Ministry of Telecom and Mass Communications of the Russian Federation; Ms. Marina Kuznetsova, Head, Conformance Assessment Service Division, Federal Communication Agency of the Russian Federation; Mr. Sergei Mesyatsev, Executive Director, FSUE ZNIIS; Mr. Andrei Untila, Programme Officer, ITU Area Office for CIS.

Within 3 days of the workshop, **15 presentations** were delivered.

Within the framework of the first day of the workshop consisting of one session, which was dedicated to the C&I procedures, 4 presentations were delivered, including the report of the ITU Area Office activities in 2011-2014 (made by Orozobek Kaiykov). Also, the ZNIIS representatives organized an excursion over the virtual laboratory for remote testing of equipment, new technologies and services, which allowed to the workshop participants to get acquainted with the laboratory infrastructure and measurement equipment used for the testing, as well as with the infocommunication platform of the ZNIIS technological park.



During the two sessions of the second day of the workshop, 9 presentations were delivered, including 5 covering the work of the ITU/ZNIIS C&I laboratory and 4 covering the ZNIIS MNP Project, which is currently under progress in Russia.

During the third day of the workshop consisting of one session, the participants had an opportunity to get acquainted with the C&I situation in the CIS countries.

The workshop was concluded by a roundtable, which discussed the C&I situation in the CIS countries, considered possibilities of using the ITU/ZNIIS virtual laboratory equipment and prospects of cooperation with the ZNIIS.

Some closing remarks were made by Orozobek Kaiykov, Mr. Yevgeny Milashevsky, Director, Scientific and Consultancy Centre, National Telecommunication Association of the Republic of Kazakhstan, and Mr. Igor Bukharev, Director, Operation and Maintenance Centre of Portable Number Database, ZNIIS.

The workshop participants, when drawing conclusions, noted:

- Topicality of the workshop, large amounts of interesting and various information presented at the workshop;
- practical relevance of the presentations delivered and usefulness of the information for professional activities of the participants;
- The importance of exchange of experiences and opinions, which took place during the workshop;
- The necessity to organize further C&I workshops with active engagement of experts and all possible stakeholders;

- The advisability to indicate the area of competence of the workshop potential participants when circulating the invitations, which would further a more fruitful work.

Results of the workshop

Based on the feedback and conclusions made by the participants, the workshop has achieved its objectives: as a result of the workshop, the participants received great amounts of practical information and significantly increased their competence in the field of C&I.

The workshop participants, appreciating the opportunity to ask questions, express their opinions and suggestions on the use of the results of the ITU activities in the CIS, approved the ITU approach to the C&I issues (conformance assessment; interoperability testing; capacity building; testing centres/labs/MRAs etc.).

The workshop participants expressed interest in forming of harmonized requirements to terminating equipment and IMS platforms for their permission to national markets of the countries of the Regional Commonwealth in the field of Communications (RCC), as well as in launch of ITU-T SIP-IMS conformance pilot projects.



The workshop participants highly appreciated the ITU activities on the Internet access speed measurement.

The ZNIIS representatives confirmed their willingness to maintain the virtual laboratory work and provide remote testing services. The access to the remote testing system can be proved to all stakeholders.

The ZNIIS representatives declared the soon successful completion of the MNP system testing pilot project and their readiness to elaborate final version of test specifications for MNP systems (Q.suppl.4) and provide expert support and technical assistance for MNP project implementation in other countries (in particular, in the CIS countries).

The PJSC MTS representative expressed a wish to form in the Republic of Belarus a working group, consisting of communication providers, scientific and research organizations and public institutions, to discuss and settle the issues of monitoring and control of communication service quality characteristics in the Republic of Belarus.

The ZNISS representatives expressed their interest in the translation of the ITU recommendations into Russian.

The workshop participants expressed the wish to raise the profile of the ITU workshops, in particular through publishing the reports made by the workshop participants in academic periodicals, and requested the ZNIIS to prepare a publication for a communication magazine.

The workshop participants expressed gratitude to the chairs of the sessions and the workshop speakers, the ITU, Ministry of Telecom and Mass Communications of the Russian Federation, the Federal Communication Agency, and the ZNIIS for the work done and the excellent organization and conducting of the workshop.

The ITU, in its turn, expresses its gratitude to the ZNIIS for the excellent job done and to all participants for the active participation in the event.