

Implementation of the CIS Regional Initiatives

THE FUTURE: The WTDC-14 Dubai Action Plan and the Regional Initiatives (2015-2018)

CIS1: Creating a child online protection centre for the CIS region

STATUS: What is the situation today?

<u>Country</u>	<u>Status</u>
All CIS countries	<p>The CIS region began to deal with the child online protection in the late 90-ies of the last century. Thus, this problem was perceived differently in various countries of the region, given the fact that in different countries there are different views on the regulation of the situations in questions of morality, pornographic resources, privacy, and data.</p> <p>All countries of the region, without exception have acceded to the Convention on the Rights of the Child without any declarations and reservations to articles 16, 17 and 34 (c). Also all countries in the region have acceded, signed and/or ratified the Optional Protocol to the Convention on the Rights of the Child on the Sale of Children, Child Prostitution and Child Pornography without any declarations and reservations to articles 2 and 3 of this document.</p> <p>Thus, based on international regulation documents, the legislation in the field of child online protection in individual countries has some difference. In most countries in the region the Criminal Code (CC), the penalty for crimes related to the exploitation of children in the online environment is envisaged. For example, article 263 of the Criminal Code of the Republic of Armenia provides for penalties up to imprisonment for up to 3 years for forcing underage to participate in creating media products with pornographic content. Similar articles exist in the Criminal Code of other states: Azerbaijan (article 242), Belarus (article 343 and 343.1), Georgia (articles 255 and 255.1), Kazakhstan (article 273.1), Moldova (article 208 (1)), Russian Federation (articles 242 and 242.1), Uzbekistan (article 130).</p> <p>In its turn, some countries have additional laws, or the other way related to child online protection. For example, in the Republic of Azerbaijan, there is the law "On mass media" article 10 of which does not allow the use of mass media for publication of pornographic materials.</p> <p>It should be noted that the organization CERT of some countries of the region (for example, Georgia and the Russian Federation), as well as some non-governmental organizations have established mechanisms for notifications about related to child protection on the Internet.</p> <p>From the point of view of content-filtering among the countries of the region the most important steps were made by the Republic of Belarus and the Russian Federation, where lists of resources forbidden to view were introduced at the government level. However, it should be noted that in contrast to purely technological projects, measures that are taken today in Belarus and Russia, are in nature are more administrative and do not have specific technical implementation.</p> <p>In many countries of the region software developers, telecommunication</p>

	<p>operators and educational institutions are actively developing their own programs dedicated to the child protection on the Internet. Striking examples of such programs can be two Ukrainian project "Child safety on the Internet", which implemented by the Coalition for child safety on the Internet, as well as "System of restricting access to untargeted Internet resources", which the A.S. Popov Odessa National Academy of Telecommunications implements. In May 2012, the project «Building safer Internet for educational institutions» in which to present the concept of "Systems of restricting access to untargeted Internet resources" was recognized as the best project in the category «C5. Building confidence and security in the use of ICTs» in the competition organized by the World Summit on the Information Society in 2012 (Geneva, 14-18 May 2012) and is recognized by ITU Secretary-General one of the greatest achievements in establishing connections in the world.</p> <p>Having a common political, economic, environmental, humanitarian and cultural history, the countries of the region of the Commonwealth of Independent States (CIS) have a number of peculiarities which unites them on the principle of the used Internet space, which affects the interests of users and viewed resources. Among the key prerequisites for the emergence of such characteristics it is possible to designate close the language environment (most of the population of CIS countries fluent in Russian), approximately the same level of ICT development and penetration of broadband Internet access, common problems in the field of ICT application (in sharp contrast, in the training of teachers in the cities and rural areas, common "post-Soviet" model of education, lack of qualified system administrators in rural schools, and so on), approximately the same level of legal regulation of issues related to the use of the Internet space.</p>
--	---

Objective: To provide ITU Member States in the CIS region with centralized advisory and technical assistance on various aspects of child online protection.

Expected Results:

- 1) Distance training courses on safe use of Internet resources, with provision for testing children, parents, teachers, etc.
- 2) National systems for updating and disseminating lists of useful Internet resources for children, as well as lists of other Internet resources flagged as unsuitable
- 3) Provision of more complete information for representatives of administrations, law-enforcement agencies, educational establishments and the private sector regarding the current legal/regulatory and organizational/technical frameworks in the area of child online protection
- 4) A database with data on existing technical solutions for child online protection
- 5) Provision of recommendations for any interested party on selecting the best solution for child online protection for a given organization
- 6) Training courses on solutions for child online protection as part of school and university programmes
- 7) Trial areas for systems restricting access to inappropriate resources for educational establishments in the region.

Project № 1: Development of training e-course of safe use of Internet resources and educational courses on solutions for child online protection as part of school and university programmes

Ideologically this course is divided into three parts: Basic (for children of preschool and younger school age); Middle (for children of 5-9 classes); Advanced (for seniors, students, parents and teachers). Structurally each course is divided into thematic modules with test after each 1-2 modules. Every course should be colourful, contain text, pictures, photos, video, animation and be professionally voiced. Informative courses should vary and be presented in the framework of the terminology of the same age category, for which the course is designed. As progress from Basic to Advanced concepts can be updated, disaggregated, be accompanied by an additional explanations. Oriented structure of course detailed in the Document RGQ/22-1/1/33-E (Rapporteur Group Meeting for Question 22-1/1, Geneva, 19 April 2013, <http://www.itu.int/md/D10-RGQ22.1.1-C-0033/en>)

Project objective:

Assessment of preparedness of teachers and parents (development and support of the teaching distance courses of safe use of Internet resources for the CIS countries (by analogy with the course "Basic (Advanced) Security in the Field"); organization of the testing process, children, parents, teachers, law enforcement officials, network administrators, and so on; distribution of certificates that can be considered by the heads of enterprises (school principals, rectors of Universities and so on) for the employment of teachers, the network administrator, and so on, as well as parents in decisions about the mode the child's access to Internet and so on).

Expected Results: 1, 3, 6

Estimated Budget:

Description	Total	ITU	Partners
Developing online-courses, testing, support, development of educational courses within the school and University programs etc.	62 000	42 000	20 000
Missions (presentation of online-course, to the schools and Universities in CIS Region for implementation of the training course and providing support for e-course of safe use of Internet resources)	8 000	3 000	5 000
Equipment (equipment for organization server, which will ensure the functioning of project)	20 000	–	20 000
Communication (Access to the Internet 24/7 for equipment during 2015-2018)	15 000	–	15 000
Miscellaneous (a place for the equipment, power supply, support of network equipment, presentational workshop etc.)	10 000	–	10 000
Total	115 000	45 000	70 000
Grand Total		115 000	

Potential Partners:

1. Ministries of Education of CIS countries
2. A.S. Popov Odessa national academy of telecommunications (ONAT), Ukraine
3. MKM Service Ltd., Ukraine

Country or countries involved: All CIS countries

2015 Activities

Developing detailed scenario and content of each modules. Developing test questions. Proofreading of prepared texts and questions. Postscoring of prepared text blocks. Developing of videos, cartoons (animation) for each modules. Preparing photos and images (drawings) for each modules. Developing of software platform for online-courses. Markup, layout and compilation of all prepared materials to the Software Platform. Installation to the Internet and testing of online-courses
Presentational Workshop

2016 Activities

Development of educational courses within the school and University programs
Training and testing not less 500 children's from different CIS countries
Training and testing not less 100 parents and teachers from different CIS countries

2017 Activities

Development of information resource dedicated to the COP in the CIS region
Training and testing not less 1000 children's from different CIS countries
Training and testing not less 250 parents and teachers from different CIS countries

Project № 2: Creation of automated system (AS) for updating and disseminating lists of useful Internet resources for children, as well as lists of other Internet resources flagged as unsuitable

Into the basis of the automated systems it is proposed to put the principle of the free circulation of copies of a Central database containing the «black» and «white» lists of Internet resources, typical for CIS countries. The lists are planned to be formed on the basis of regular analysis of the logs carried out visits automatically collected from all systems, content filtering, using the provided images of the «black» list. Proposed principles of the system presented in the framework of the third meeting of the 1st SG of the ITU-D (document 1/157-R), and also in the framework of the 1st meeting of the COP Working group of the ITU Council (document WG-CP/1/2).

Project objective:

Actualization and distribution of lists of blocking access to inappropriate Internet resources, as well as lists of recommended resources (creation and support of the automated system of distribution is characteristic for the countries of the CIS images of "black" and "white" lists for individual organizations (Universities, schools, public institutions and private companies), and to providers of solutions for content filtering (anti-virus vendors, firewall, etc); creation and support of system of expert evaluation and cataloguing Internet resources, characteristic of the CIS countries; the creation of criteria expert evaluation and the involvement (on a competitive basis) experts for processing information about the most visited by users from the CIS resources)

Expected Results: 2, 7

Estimated Budget:

Description	Total	ITU	Partners
Developing software, testing, support etc.	28 000	18 000	20 000
Missions (providing support for developed software)	7 000	2 000	5 000
Equipment (equipment for organization server, which will ensure the functioning of project)	10 000	–	10 000
Communication (Access to the Internet 24/7 during 2015-2018)	5 000	–	5 000
Miscellaneous (a place for the equipment, power supply, support of network equipment, presentational workshop etc.)	10 000	–	10 000
Total	60 000	20 000	50 000
Grand Total	70 000		

Potential Partners:

1. A.S. Popov Odessa national academy of telecommunications (ONAT), Ukraine
2. Telecommunication operators, CIS Countries

Country or countries involved: All CIS countries

2015 Activities

Creation of automated system (AS) for updating and disseminating lists of useful Internet resources for children, as well as lists of other Internet resources flagged as unsuitable

2016 Activities

Filling «black» and «white» lists (typical for CIS countries). First Stage (up to 500 000 resources)
Connecting up to 200 subscribers (schools, operators, organizations etc.) to AS
Presentational Workshop

2017 Activities

Filling «black» and «white» lists (typical for CIS countries). First Stage (up to 1 000 000 resources)
Connecting up to 300 subscribers to AS

Project № 3: Creating a unified database with data on existing technical solutions for child online protection and automated system for selecting the best solution for child online protection for a given organization

Database with information about existing technical solutions in the sphere of filtering of content must contain characteristics that are sufficient for complex estimation of the cost of implementation and operation of the system in certain conditions. System of choice of the optimal system content filtering should be based on a model that will allow to develop technical requirements for the system content filtering without reference to the principles of its work. This approach will be applied in the educational institutions that do not contain a staff of specialists in the field of network technologies. The choice of the

optimal filtering system should be based on the maximum economic efficiency of the proposed solution under condition of observance of all technical requirements.

Project objective:

Database support about available technical solutions restricting access to inappropriate content and providing recommendations on the application of any other solution for each specific case (gathering information on available technical solutions to restrict access to inappropriate Internet resources, testing existing solutions and preparation of reports, creation and support of a unified database with information about the current (recommended) the technical solutions; creation and support of the automated system of choosing the optimal (for a particular organization) system content filtering; providing help with installation of concrete technical decisions (especially solutions with open source on the networks of organizations and enterprises of CIS countries and so on)

Expected Results: 3, 4, 5

Estimated Budget:

Description	Total	ITU	Partners
Developing software, filling database, testing, support etc.	30 000	20 000	10 000
Equipment (equipment for organization server, which will ensure the functioning of project)	10 000	–	10 000
Communication (Access to the Internet 24/7 during 2015-2018)	5 000	–	5 000
Miscellaneous (a place for the equipment, power supply, support of network equipment, presentational workshop etc.)	10 000	–	10 000
Total	55 000	20 000	35 000
Grand Total	55 000		

Potential Partners:

1. A.S. Popov Odessa national academy of telecommunications (ONAT), Ukraine
2. Software and hardware developers of content filtering solutions

Country or countries involved: All CIS countries

2015 Activities

Creating a unified database with data on existing technical solutions for child online protection and automated system for selecting the best solution for child online protection for a given organization

2016 Activities

Installing copy of database at the ITU CIS Area Office in Moscow
 Updating database with data on existing technical solutions for child online protection
 Presentational Workshop

2017 Activities

Updating database with data on existing technical solutions for child online protection