

Pursuant to Article 43, Paragraph 3 of the Law on Government (“Official Gazette of RS”, issues No. 55/05, 71/05 correction, 101/07, 65/08, 16/11, 68/12 US, 72/12, 7/14 US, 44/14 and 30/18 other law), upon a proposal of the Ministry of Trade, Tourism and Telecommunications,

The Government hereby adopts the following

C O N C L U S I O N

0. 2018 and 2019 Action Plan for Implementation of the Information Security Development Strategy in the Republic of Serbia, for the period from 2017 to 2020, which is an integral part of this Conclusion, is hereby adopted.

1. This Conclusion shall be published in the “Official Gazette of the Republic of Serbia”.

5 No.: 345-7654/2018-1
In Belgrade, August 28, 2018

G O V E R N M E N T

PRIME MINISTER

Ana Brnabić

**ACTION PLAN FOR 2018 AND 2019
FOR IMPLEMENTATION OF THE INFORMATION SECURITY DEVELOPMENT STRATEGY IN THE REPUBLIC OF SERBIA FOR 2017-2020**

General objective	Development and improvement of information security in the Republic of Serbia and its maintenance at an adequate level through raising the level of security of information and communication systems, fight against high-tech crime and improvement of information security of national importance				
Indicator of effect	System established for exchanging data on incidents	Number of trained employees who had gone through the training in the area of information security	Increased security of children on the internet	Improved mechanisms for combating high-tech crime through harmonized legislation of the RS with European regulations and through trainings of judges and other employees on tasks relating to combating high-tech crime	CERTs established with independent operators of ICT systems
Baseline value	/	35	10,000 children annually attend seminars, workshops and similar events devoted to the topic of raising awareness on security on the Internet	/	1
Target value	System established	50	12,000 children	50	5
Verification source	Report on Operations of the MTTT	Report on Operations of the MTTT and other relevant ministries	Report on Operations of the MTTT	Report on Operations of the MP, VBA and the Judicial academy	Reports on Operations of the MSP, MO, Security services

1. SECURITY OF INFORMATION AND COMMUNICATION SYSTEMS

Indicator for achievement of the individual objective	System established for data exchange Employed and trained staff in the area of information security
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	Campaign realized for raising awareness on risks and acting in case of incidents Annual analysis developed on threats in cyber space of the Republic of Serbia
Verification source	Reports on Operations of MTTT, RATEL

Description of activities	Deadline for realization	Indicator	Institution responsible	Partners	Source of financing (budget / other sources)	Assets	
						2018	2019
1.1. Exchange of information, monitoring of current risks and raising awareness							
1.1.1. Improvement of human resources, professional, technical and organizational capacities of competent institutions for exchanging data on incidents and reacting to incidents	4 th quarter of 2018	Recruiting professional human resources and raising organizational capacities of competent institutions in the area of information security (5 employees).	MTTT	VBA	Regular assets from the budget		
			RATEL				
			NBS				
			ITE				
			MUP			222.000,00	22.650.000,00
1.1.2. Accession of the National CERT of the Republic of Serbia to international organizations of CERTs, establishing cooperation with foreign CERTs and inclusion into lists of international CERTs	3 rd quarter of 2018	National CERT has become a member of international organizations of CERTs, actively participates in cooperation with foreign CERTs and is included into lists of international CERTs	RATEL	MTTT	Own assets	1.000.000,00	

Description of activities	Deadline for realization	Indicator	Responsible Institution	Partners	Assets		
					Source of financing (budget / other sources)	2018	2019
1.1.3. Establishing application for information exchange, as well as cooperation in case of incidents that pose a significant threat upon information security between the Competent Authority, the National CERT, CERT of Republic Authorities, Special CERTs in the Republic of Serbia and other state and private stakeholders	3 rd quarter of 2018	Application and mechanism established for exchanging information on incidents	MTTT	RATEL NBS ITE MUP	Budget	3.240.000,00	
						7.215.068,00	
1.1.4. Organizing a media campaign on information security with the objective of raising awareness of risks as well as with the objective of educating the population on acting in case of incidents	4 th quarter of 2018	Campaign realized for the purpose of raising awareness on risks and acting in case of incidents through public media	MTTT	ITE	Regular assets from the budget		
			RATEL	MUP	Own assets + Donation	100.000,00	
			MUP		Budget	528.000,00	528.000,00
1.1.5. Defining criteria for classification of incidents in ICT systems of special significance	2 nd quarter of 2018	Criteria defined on the basis of which the severity of incidents in ICT systems of special significance shall be determined	MTTT	RATEL, MUP, VBA, ITE, NBS	No financial assets are necessary		

1.1.6. Implementing training for employees in competent authorities on acting in case of incidents in ICT systems	Continuous	Number of employees in competent authorities who had gone through the training (15 employees annually)	MTTT		Budget	3.000.000,00	
			RATEL				
			NBS				
			ITE				
			AMRES				
			MUP		Budget		1.080.000,00
			VBA/MO		No financial assets are necessary		
1.1.7. Development of annual analysis of threats in the cyber space of the Republic of Serbia	Continuous	Annual analysis development of threats in the cyber space of the Republic of Serbia, with recommendations on measures for the purpose of decreasing the risk of incidents	RATEL	MTTT, MUP, ITE, KSZNBTP, MO, VBA	No financial assets are necessary		
1.2 Security of ICT Systems in Economic Entities and Security of Electronic Business operations							
1.2.1. Raising awareness of economic entities on the necessity of application of measures for protecting ICT systems, in compliance with national and international standards, as well as on the benefits of establishing special CERTs through organizing seminars. round tables	Continuous	Number of events held (3 events annually)	RATEL		Own assets + Donation	200.000,00	
			MTTT		Budget	1.000.000,00	1.000.000,00
1.2.2. Implementing a campaign on the benefits of using electronic identification schemes and qualified services of confidence	4 th quarter of 2018	Number of media events and number of mentions in the media (3 events annually)	MTTT		Budget	500.000,00	

Description of activities	Deadline for realization	Indicator	Responsible institution	Partners	Assets		
					Source of financing (budget / other sources)	2018	2019
1.3. Security of ICT systems of special significance							
1.3.1. Preparing a proposal of the Law on Amendments and Addenda to the Law on Information Security with the objective of harmonization with the new European Regulations	3 rd quarter of 2018	Proposal of the Law on Amendments and Addenda of the Law on Information Security adopted	MTTT		No financial assets are necessary		
1.3.2. Raising capacities of the competent authority for information security for supervision over application of the Law on Information Security	2 nd quarter of 2018	Establishment of internal organizational unit in the competent authority and recruiting an inspector for information security	MTTT		No financial assets are necessary		
1.3.3. Raising digital competences of employees in the public sector with special emphasis on information security	4 th quarter of 2018	Trainings held for employees in the public sector (10 employees)	MTTT	RATEL, ITE	Budget	6.000.000,00	6.000.000,00
1.3.4. Development of guidelines and bylaws for secure use of ICT systems of special significance in electronic government (brochures, guides...)	3 rd quarter of 2018	Guidelines and bylaws developed for secure use of ICT systems of special significance in electronic government	ITE	MDULS	No assets are necessary		

Description of activities	Deadline for realization	Indicator	Responsible institution	Partners	Assets		
					Source of financing (budget / other sources)	2018	2019
1.4. Security of Confidential Data in ICT Systems							
1.4.1. Development of the Law on Amendments to the Law on Confidentiality of Data and bylaws	4 th quarter of 2018	National regulation on protection of confidential data in ICT systems harmonized with regulations of the European Union	MP	KSZNBTP	No assets are required		
1.4.2. Establishing a single system and process of accreditation of ICT systems for working with confidential data, defining measures for protection of ICT systems for working with confidential data, adoption the national program for raising awareness when using ICT systems for working with confidential data, as well as adoption of national methodology for risk assessment for ICT systems for working with confidential data	4 th quarter of 2018	Single accreditation systems established, measured defined for protection of ICT systems for working with confidential data, national program for raising awareness adopted, as well as national methodology for risk assessment for ICT systems for working with confidential data	KSZNBTP	VBA	No assets are required		
1.4.3. Raising capacities of competent authorities for protection of confidential data in ICT systems	4 th quarter of 2018	Increased human and technical resources of competent authorities for protection of confidential data in ICT systems	KSZNBTP	VBA	No assets are required		

Description of activities	Deadline for realization	Indicator	Responsible institution	Partners	Assets		
					Source of financing (budget / other sources)	2018	2019
1.5. Cooperation of Public and Private Sector in Area of Information Security							
1.5.1. Establishing a mechanism for exchange of information and cooperation between special CERTs and the National CERT	4 th quarter of 2018	Continuous exchange of information and cooperation established.	RATEL		No financial assets necessary		
1.5.2. Public and private partnership for holding training in the area of information security	Continuous	Number of trainings held and number of attendees at trainings	MTTT		No financial assets necessary		
			RATEL		No financial assets necessary		
1.5.3. Forming expert working groups with the Body for Coordination of Activities of Information Security, which would comprise representatives of economic entities, academic community and nongovernmental organizations	Continuous	Number of working teams formed, and number of meetings held	MTTT	RATEL	No financial assets necessary		

2. SECURITY OF CITIZENS WHEN USING TECHNOLOGY

Indicator for achievement of the individual objective		Number of children, parents, teachers who attended the seminars, workshops, presentations on the topic of information security
Indicator for achievement of the individual objective		Law on Amendments to the Law on Protection of Personal Data adopted Guidelines developed for optimization of ICT systems in civil service with the objective of legal and proportional exchange of personal data between authorities Recommendations developed for introduction of special study programs on information security at universities
Verification source		Reports on operations of MTTT, MPNTR, MP, ITE

Description of activities	Deadline for realization	Indicator	Responsible institution	Partners	Assets		
					Source of financing (budget / other sources)	2018	2019
2.1. Safety of Children on the Internet							
2.1.1. Raising awareness of children, parents and teachers on advantages and risks involved in using Internet, as well as on ways to use the Internet safely	Continuous	Seminars, workshops, presentations held, and public information performed through printed, electronic and other media	MTTT	MUP, MPNTR, MZ, MRZBSP, RATEL	No financial assets necessary		
2.1.2. Trainings with objective of raising capacities of employees in institutions of the system for the purpose of application of the Decree on Safety and Protection of Children with Using Information and Communication Technologies	4 th quarter of 2018	Education of employees and expanding knowledge for safety of children on the Internet and methods of protection	MTTT	RJT, MUP, MPNTR, MRZBSP, MZ, Centers for social work, Health centers, RATEL	Budget	7.200.000,00	7.200.000,00

Description of activities	Deadline for realization	Indicator	Responsible institution	Partners	Assets		
					Source of financing (budget / other sources)	2018	2019
2.1.3. Education of students in primary and secondary schools through introducing teaching material on safety of children on the Internet in school curricula	3 rd quarter of 2018	School curricula contain teaching material on safety of children on the Internet	MPNTR	MTTT	No financial assets necessary		
2.1.4. Increasing capacities of the single location for providing advice and receiving reports relating to safety of children on the Internet (National Contact Center for Safety of Children on the Internet 19833)	2 nd quarter of 2018	Role of single location for providing advice and receiving reports relating to safety of children on the Internet strengthened	MTTT	RJT, MUP, Centers for social work, Health centers	No financial assets necessary		
2.1.5. Defining measures that can limit, on the technical level, exposure of children to inappropriate content	3 rd quarter of 2018	Measures defined that can limit, on the technical level, exposure of children to inappropriate content	MTTT	MUP, AMRES, RATEL	No financial assets necessary		
2.2. Protection of Privacy and Protection from Abuse in Using ICT							
2.2.1. Adopting the Law on Amendments to the Law on Protection of Personal Data	4 th quarter of 2018	Law adopted	MP		No financial assets necessary		

Description of activities	Deadline for realization	Indicator	Responsible institution	Partners	Assets		
					Source of financing (budget / other sources)	2018	2019
2.2.2. Development of guidelines for optimization of ICT systems in civil service with the objective of legal and proportional exchange of personal data between authorities (development of brochures and other publications)	4 th quarter of 2018	Guidelines for optimization of ICT systems in civil service with the objective of legal and proportional exchange of personal data between authorities developed	ITE	MDULS	No financial assets necessary		
2.3. Information Security in Educational System							
2.3.1. Raising digital competencies of pupils that relate to information security	Continuous	Number of students covered under trainings	MPNTR		No financial assets necessary		
			MTTT				
2.3.2. Recommendations for introduction of special study programs on information security in universities	4 th quarter of 2018	Relevant tertiary education institutions mapped and recommendation on introduction of special study programs on information security in universities sent	MPNTR		No financial assets necessary		

3. COMBATING HIGH-TECH CRIME	
Indicator for achievement of the individual objective	Legislation harmonized with European regulations Number of judges trained to act in cases of high-tech crime Number of trained employees in the VBA in the area of suppression of high-tech crime
Verification source	Reports on Operations of MP, RJT, MUP, Judicial Academy, VBA

Description of activities	Deadline for realization	Indicator	Responsible institution	Partners	Assets		
					Source of financing (budget / other sources)	2018	2019
3.1. Improvement of mechanisms for detecting high-tech crime and persecution of perpetrators							
3.1.1. Harmonization of legislation of the republic of Serbia with the Directive 2013/40/EU on attacks on information technology systems	4 th quarter of 2018	Legislation harmonized with Directive 2013/40/EU on attacks on information technology systems	MP	MUP, RJT	No financial assets necessary		
3.1.2. Improvement of operating tools and operating capabilities for suppression of high-tech crime	4 th quarter of 2018	Operating tools and operating capabilities for suppression of high-tech crime improved	RJT		No financial assets necessary		
			MUP				

Description of activities	Deadline for realization	Indicator	Responsible institution	Partners	Assets		
					Source of financing (budget / other sources)	2018	2019
3.1.3. Implementation of training of judges and public prosecutors for acting in cases of high-tech crime	Continuous	Judges educated for acting in cases of high-tech crime	Judicial academy	RJT, Supreme Court of Appeals, State Prosecutor's Council, High Judicial Council, MUP	Regular assets from the budget		
3.1.4. Improvement of human resources, technical and organizational capacities for suppression of high-tech crime in the Ministry of Defense and the Army of Serbia	Continuous	Human resources, technical and organizational capacities for suppression of high-tech crime in the Ministry of Defense and the Army of Serbia improved	VBA	MUP	Regular assets from the budget		
3.2. Raising awareness of dangers from high-tech crime							
3.2.1. Organizing public campaigns on the most frequent forms of high-tech crime	Continuous	The public continuously educated on the most frequent forms of high-tech crime	RJT		No financial assets necessary		
			MUP				
3.3.3. Improvement of international cooperation in combating high-tech crime							
	Continuous		RJT				

3.3.1. Improvement of international cooperation with relevant authorities of foreign countries in combating high-tech crime		Improved cooperation with relevant authorities of foreign countries			No financial assets		
			MUP		necessary		

4. INFORMATION SECURITY OF THE REPUBLIC OF SERBIA

Indicator for achievement of the individual objective	Defined system of information security of significance for national security Recommendations developed for initiation of experimental environments CERTs of independent ICT systems operators established Number of trained employees in the VBA in the area of suppression of high-tech crime
Verification source	Reports on Operations of MO, BIA, KSZNBTP, MTTT, MSP, VOA, VBA

Description of activities	Deadline for realization	Indicator	Responsible institution	Partners	Assets		
					Source of financing (budget / other sources)	2018	2019
4.1. System of information security of significance for national security							
4.1.1. Defining the system of information security of significance for national security	4 th quarter of 2018	Defined system of information security of significance for national security	MO	VBA	No financial assets necessary assets		
			BIA				
			KSZNBTP				

Description of activities	Deadline for realization	Indicator	Responsible institution	Partners	Assets		
					Source of financing (budget / other sources)	2018	2019
4.2. Development of scientific, technological and industrial capacities necessary for protection of information security of the Republic of Serbia							
4.2.1. Forming joint bodies with representatives of the academic community with the objective of developing products, processes and services for the purpose of prevention and provision of an adequate level of information security	2 nd quarter of 2018	Joint bodies formed	MTTT	MPNTR	No financial assets necessary		
4.2.2. Recommendation for initiation of experimental environments for development of new technologies and services at universities	4 th quarter of 2018	Relevant tertiary education institutions mapped, and recommendations sent for initiation of experimental environments	MPNTR Universities	MTTT	No financial assets necessary		
4.3. Development of military capacities of the defense system for defense from high-tech attacks							
4.3.1. Initiating the development of capacities of the Ministry of Defense and the Army of Serbia for defense in the cyber space through development of strategic – doctrinarian and expert documents	1 st quarter of 2019	Improved human resources, technical and organizational capacities of the Ministry of Defense and the Army of Serbia	MO	VBA	No financial assets necessary		
	4 th quarter of 2018		MSP		Budget	2.244.000,00	6.576.000,00

4.3.2. Establishing CERTs of independent ICT system operators in the republic of Serbia

CERTS of independent ICT systems operators in the Republic of Serbia established

4.4. Development of Security and Intelligence Capacities in Information Security Area

Description of activities	Deadline for realization	Indicator	Responsible institution	Partners	Assets		
					Source of financing (budget / other sources)	2018	2019
4.4.1. Forming own center for ICT system security	4 th quarter of 2018	Own center for ICT system security formed	BIA		Budget		30.000.000,00
			VBA	VOA	No financial assets necessary		
4.4.2. Developing human resources, technical and organizational capacities for protection of information security, for the purpose of timely detection of threats with the objective of preventing jeopardizing the security of the Ministry of Defense and the Army of Serbia	Continuous	Human resources, technical and organizational capacities for protection of information security of the Republic of Serbia improved	VBA		Regular assets from the budget		

5. INTERNATIONAL COOPERATION

MTTT

5.1. Improving cooperation with key international partners of the Republic of Serbia	Continuous	Improved cooperation with key international partners of the Republic of Serbia	RATEL	KSZNBTP	No financial assets necessary		
			ITE				
			MO				
			MUP				
			BIA				
			VOA				
			MSP				
5.2. Active participation of the republic of Serbia in international civilian and military exercises whose objective is to establish and develop information security on all levels	Continuous	Republic of Serbia actively participates in international civilian and military exercises whose objective is to establish and develop information security on all levels	MO	MUP, BIA, VOA, VBA, MSP, MTTT, KSZNBTP, RATEL	No financial assets necessary		

ABBREVIATIONS

BIA	SECURITY AND INTELLIGENCE AGENCY
VBA	MILITARY SECURITY AGENCY
VOA	MILITARY INTELLIGENCE AGENCY
ITE	OFFICE FOR INFORMATION TECHNOLOGIES AND ELECTRONIC GOVERNMENT
KSZNBTP	OFFICE OF THE COUNCIL FOR NATIONAL SECURITY AND PROTECTION OF CONFIDENTIAL DATA
MZ	MINISTRY OF HEALTH
MO	MINISTRY OF DEFENSE
MP	MINISTRY OF JUSTICE
MPNTR	MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGICAL DEVELOPMENT
MRZBSP	MINISTRY OF LABOR, EMPLOYMENT, VETERANS AND SOCIAL AFFAIRS
MSP	MINISTRY OF EXTERNAL AFFAIRS
MTTG	MINISTRY OF TRADE, TOURISM AND TELECOMMUNICATIONS
MUP	MINISTRY OF INTERNAL AFFAIRS
NBS	NATIONAL BANK OF SERBIA
RATEL	REGULATORY AGENCY FOR ELECTRONIC COMMUNICATIONS AND POSTAL SERVICES
RJT	REPUBLIC PUBLIC PROSECUTOR'S OFFICE
CERT	CENTER FOR PREVENTION OF SECURITY RISKS IN ICT SYSTEMS AR ZA
IKT	INFORMATION AND COMMUNICATION TECHNOLOGIES