

## **IX. ELECTRONIC DOCUMENT AND ELECTRONIC SIGNATURE**

The activity of CRC concerning the obligations assumed under the Electronic Document and Electronic Signature Act came into force in 2001 and continued in 2002, as well.

Three new regulations related to its enforcement were adopted during the year:

- Ordinance on the activities of Certification-Service-Providers, the terms and procedures of termination thereof, and the requirements for provision of certification services;
- Ordinance on the requirements to the algorithms of advanced electronic signature;
- Ordinance on the procedure for registration of Certification-Service-Providers.

The aforesaid ordinances were adopted by Decree of the Council of Ministers No 17 / 31 January 2002.

In order to facilitate the users on the CRC web site the following lists related to the Electronic Document and Electronic Signature Act were published there:

- List of the documents containing requirements related to the Ordinance on the activities of Certification-Service-Providers, the terms and procedures of termination thereof, and the requirements for provision of certification services;
- List of the documents containing requirements related to the Ordinance on the requirements to the algorithms of advanced electronic signature;
- List of the organization accredited to provide services in the field of information security;
- List of the laboratories accredited in the field of general criteria of cryptographic module security;
- List of the organizations authorized to accredit testing laboratories;
- List of the government organizations and agencies signatories to "Arrangement on the Recognition of Common Criteria Certificates" for mutual recognition of the certificates issued to information products and systems whose conformity to the requirements for information technologies and systems security is being assessed.

The procedure for registration of the first Bulgarian provider of universal electronic signature – Information Services JSC – continued in 2002 and the procedure for approval of "User's Manual" and "Security Procedures", provided by Information Services JSC, was initiated.

With regards to the obligation undertaken by CRC for generation of universal signature of the Commission and the installation of a server computer for maintenance of the required registers under the Electronic Document and Electronic Signature Act, a research on market supply of PKI system of universal electronic signature was made.

A mass penetration of the electronic signatures in the field of electronic payments, depositing employment contract to the National Social Security Institute, etc. is expected in 2003. The electronic signature is going to be used in the interdepartmental electronic correspondence of the state administration as well. The stage of the first timid experiments is about to be over and a new stage is coming. Now it is possible to certify one's identity in an unquestionable way as well as to send reliably protected confidential information.