

Assignment – electronic passports

1) Implement a program in any programming language that will verify whether a given set of parameters (document number, birth date and expiry date, all including check digits) can be used for a successful authentication against the electronic passport for the basic access control.

[10 points]

{To communicate with a passport either use a real passport and a contactless reader or use the ePassport simulator (in VePas.zip in IS) (use install.bat, then run VSCRControl.exe and select a directory with data – the samplecard_1024 folder). To test the simulator, you can use the Golden Reader Tool (use the password ‘secunet’ to unzip the files). The description of BAC can be found in the ICAO PKI TR on pages 41-52.}