Mobile eID - MeID

A reliable solution of electronic identification in form of a microSD card

Our world is becoming increasingly more mobile. It is expected that the penetration of smart phones in Western Europe will pass 50% in the year 2016. Therefore mobility has become an important accelerator in supporting the comfort of users while accessing electronic services.

The most important key to a secure use of electronic services is a reliable identification of their users.

In the field of mobile identification we present a groundbreaking solution in the form of a microSD card that contains a standalone security chip for electronic identification. The used chip from the Infineon's SLE78 family with the operating system CardOS developed by Atos IT Solutions and Services fulfils even the highest security demands.

MeID can be offered to potential users as a complementary medium to the official eID card. This means that the citizen could, additionally to her/his eID card, apply for the issue of one or eventually more MeID microSD cards. One citizen, one identity could this way, if needed, use more identification media in different devices, e.g. in a smart phone, tablet, notebook.

The card also contains flash memory with up to 16 GB capacity and may also contain another independent chip with NFC antenna for mobile payments as well.

Thanks to the special design of the microSD card this unique solution combines three otherwise independently available functionalities.

MeID card can be used on all mobile devices running most popular operating systems such as Android, iOS, Windows Phone as well as on desktops running OS Windows, Linux and Mac OS X.

The product uses newest technologies that are on top of the current development. Integrated modern security chips are guaranteeing the highest security level and personal data protection.

The solution has more than 30 patents, the implemented eID chip has got a certificate of a Secure Signature Creation (SSCD) issued by the National Security Agency (NBU) and the payment chip has also got a MasterCard™ PayPass® certification.

Key Features

— Reliable electronic identification with the highest level of security and personal data protection (based on the BSI TR-03110 technical guideline)

— Qualified electronic signature (QES)

— Compatibility with all mobile devices having an internal or external microSD or SD card reader (smart phones, tablets, notebooks, etc…)

— Contactless (NFC) payments MasterCard™ PayPass®

— ISO 7816 contacts allows personalization on high-capacity personalization devices

— Up to 16 GB flash memory

Main Benefits

— All-in-one solution enabling secure electronic identification, secure signature creation, contactless payments and additional memory in any mobile device

— Enabling electronic services of the public sector or commercial service providers in mobile devices and thus increasing the comfort and the mobility of the users

— Contribution to the growth in usage of public and private electronic services

— Comfortable payments in shops just by waving the phone at the payment terminal

We are developing the solution in cooperation with Hewlett-Packard Slovakia, s.r.o., SMK-LOGOMOTION Corporation and Atos IT Solutions and Services GmbH.