

Datasheet of the IKTA4/072 project

I. General purpose, high reliability personal identification system

Project start: November 1, 2001, duration: 18 months.

Amount of support: KHUF 30 000, total project cost: KHUF 60 000.

Project leader: **Bálint Zoltán**

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Project URL: <<http://www.digiton.hu>>

II. Consortium members (number of members = 2, the first member is the project co-ordinator)

<i>no</i>	<i>name</i>	<i>support</i>	<i>total cost</i>
1.	DIGITON Technical Research Ltd.	KHUF 20 000	KHUF 40 000
2.	Hungarian Academy of Sciences, Computer and Automation Research Institute, Dept. of Databases	KHUF 10 000	KHUF 20 000

III. Public presentations

No presentation is available.

IV. Goals of the project

General purpose, professional, PERson-IDentification (PERID) system

Our future developed PERID system based on three nowadays technologies produce a brand new system that integrates all the advantages and abandons the insufficiency of the present technologies. To integrate cryptograph, electronic, biometrics technology makes the PERID system much more identification-safe, additionally, PERID makes possibilities to offer all its services without electronic connection. Living different part of the world, using a normal telephone line a safety identification process can be successful between the persons based on his own verbal communication or visual connection. Using electrical connection, the identification will be much faster and safe than the usual chip-card identification.

Over the developing works and equality for the call No. 1. Information Services, our proposal is really topical, because nowadays you can realise the generation changes of identification systems. The magnetic bands and keywords solutions have been pushing into background, the experts of the world are looking for new systems. Using of personal digital signature - which is the basic idea of PERID system - in future, can be available in the whole world. In Hungary in the 28th of May 2001. the law No. XXXV. was legislated by the parliament about the digital signature.

The PERID as a brand new system makes possibilities for people - via a normal telephone, (without a computer) - not only to identify him/herself with the cryptograph private-key and verbal communication but, to use of different services as well. It has a great advantage for people without computer-Internet possession to use the own digital signature. Another advantage of the system is to help of spreading of digital signature in the world.

The PERID system solves the problem of present's system, because it identifies the real persons instead of magnetic bands, keywords, chip-cards and PIN codes.

Our future developed PERID system using the new results of biometrics technology works as a real person-identification makes more safety for people in identification process.

V. Project results (in case of finished projects)

The project is not finished.

VI. Data on consortium members (number of members = 2)

1. ***DIGITON Technical Research Ltd.*** (co-ordinator)

URL: <<http://www.digiton.hu>>

Support for the co-ordinator: KHUF 20 000, and its total cost: KHUF 40 000.

Contract number: .

Team leader: ***Bálint Zoltán***

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2. ***Hungarian Academy of Sciences, Computer and Automation Research Institute, Dept. of Databases***

URL: <<http://www.sztaki.hu>>

Support for the consortium member: KHUF 10 000, and its total cost: KHUF 20 000.

Contract number: .

Team leader: ***Remzső Tibor Dr.***

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