

NETC@RDS

Health insurance institute of Slovenia is putting effort on replacing eye-readable European health insurance card

SUMMARY

Slovenian Health Insurance Card (HIC) system consists of 2.034.323 health insurance cards, 20.607 health professional cards, network of 298 self-service terminals and central compulsory and voluntary health insurance servers and databases. Along with the Institute and the voluntary health insurance companies list system partners include the health care service providers, their custom software providers and - last but not least - the insured persons, card holders.

The HI card is a microprocessor card with 16 kB memory capacity. Reading and modification of data on the card is subject to strict protection, requiring the health professional card and dedicated hardware and software. The card carries a copy of data from the central databases. At the time of updating through a self-service terminal, the current data are transferred from the central database to the card.

PROJECT NETCARDS

Project Netc@rds is testing the technical possibilities of replacing the eye-readable European health insurance card and other documents required for using healthcare services abroad with an eProject Netc@rds is testing the technical possibilities of replacing the eye-readable European health insurance card and other documents required for using healthcare services abroad with an electronic method of data acquisition.

From the technical standpoint, the project upgrades existing healthcare information systems using chip-cards and network connections. For this purpose, experimental pilot areas have been established as part of the project, where HIIS tested electronic validation of health insurance for foreign insured persons (either via the national health insurance card, via a database available through network solutions, or a combination of the two).

PROJECT RANGE

The Netc@rds project was set in stages. In the first stage, the purpose of which was to research and evaluate the possibilities of computerizing contemporary documents used to demonstrate eligibility for healthcare services during temporary stays abroad, 5 partners from 4 different countries participated.

Important facts:

Project start
April 2006

Implementation period
5 months

Production introduction
January 2007

Maintenance
Running

creative[softlab] HR
4 engineers

Formal position
Subcontractor

Project management
SIEMENS

Effort increase
0%

Total delay
0 months

Expense overrun
0 EUR



The second stage (Market Validation) included as many as 20 partners from 10 countries, at which point the Health Insurance Institute of Slovenia joined the project as well. The purpose of the second stage was to prepare the solutions to obtain electronic data on insurance holders and their insurance plan, and test them in practice. At the moment, negotiations for the third stage (Initial Deployment) are already underway, with participation from 26 partners from 20 countries. Increasing the number of participants in the project indicates an increased need for a unified pan-European infrastructure which would allow access to electronic data on foreign insurance holders in cases of medical treatment in health institutions during temporary stays abroad.

PRODUCTION ENVIRONMENT

Clients

- * OS Microsoft Windows
- * Self-service terminals with OpenUTM client

Server

- * OS Solaris 10
- * openUTM 6.2 server
- * openUTM to CICS transactional gateway
- * IBM DB2 for Solaris

DEVELOPMENT ENVIRONMENT

Project management: MS Project
Development environment: Eclipse v3.2
Technologies used: C, SQC
Database server: IBM DB2 for Solaris
Operating System: Solaris
Version control: CVS

GROUP SUPERVISOR'S FOREWORD

First this project was on in a series of projects with SIEMENS d.o.o. Ljubljana. We successfully established stable and strong business relations that successfully led us to the final realization of the project.

NETC@RDS project has proved that we are able to deliver high quality SW in a very short period and due to its international importance it is ever since a very important success story for our team.

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