Tax and Customs Administration

KEYPROCESSOR
SECURITY SOLUTIONS

TKH GROUP

TKH SECURITY SOLUTIONS

Innovators in Security

New Tax Office

A new office building is being developed for the Dutch Tax and Customs Administration in Doetinchem. With the development of this building, the Tax & Customs services is concentrating its accommodation in the local area of De Graafschap. The new building fits in the redevelopment plans of Doetinchem. In the new office, a number of smaller regional offices will be merged. The new building is being fitted with flexible, non-individual workstations that make a task-oriented layout of the workplace possible.

Indication of size

The building has a floor area of 7,500 m2 and has parking spaces for 80-120 cars. It has 350 workstations for 450 staff. Together with Trigion Beveiliging, Keyprocessor took care of implementing the end-to-end-security-based system named iProtect™ Aurora Security Management System. iProtect™ will offer the Tax and Customs Administration an integrated and scalable solution for access control, camera surveillance, intrusion detection & intercom, among other things.

As publically well known, the Dutch government has finally decided to introduce a single card management system. This smartcard will be used for physical access control, but will in the near future also be used for logical access control to the network and PC's, workflow according, electronic signatures et cetera.

Indication of size

The government smartcard is based on Mifare® DESFire EV1 contactless smartcard technology, which Keyprocessor BV now offers as its own standard card reader technology. Now Keyprocessor has its high-end Sirius card reader that meets the framework of standards set by the Dutch government.

End-to-end security

In combination with our Polyx network controller, the high-end Sirius card reader provides a end-to-end security solution and the installation is already prepared for any future development of regulations with regard to the security of the central access control system's "backbone" in government buildings. The government's end-to-end security program also describes a SAM module as an additional level of security. The complete SAM functionality is an option that can already be used on the Polyx network controller. The advantage of this is that the additional security of the data stream, now is realised within a secure environment using the Polyx network controller, which is suitable for connecting two card readers.

Linking of Card Management System

Another aspect of this implementation is that the iProtect™ Security Management interfaces with the central database for government smartcards. The iProtect™ Aurora system will use a webservice to download the relevant data in XML format from the government's central card management system and update it in its own "local' database. This software interface is already released by Keyprocessor for all other government projects and will be implemented at the current Tax & Customs Administration in Q4 2010.

The process so far

In April 2006 the Government Buildings Agency started the tendering process of the DBFMO contract for this PPS project. This means that the contracted party will not only take care of the design, construction and funding of the complete new building, but also of the complete maintenance and facilities management for a period of 15 years. The total project was awarded to the Facilicom consortium, which includes also the operating company Trigion Beveiliging.