

The Swedish Prison and Probation Administration selected the PayTrac system for remand prisons and institutions in Sweden.

Inmates can today use their income from work and studies to buy things in the kiosks at the institutions. But the Prison and Probation Service wants to avoid that inmates use cash in the remand prisons and institutions. This is the reason why the Swedish Prison and Probation Administration decided to start using a PayTrac system in the kiosks all over the country.

TracTechnology has supplied the PayTrac system to all of Sweden's remand prisons and institutions. This new system is based on RFID technology with passive and coded read/write cards which are read by proximity readers. These cards work better than cards with contact chips and cannot be decoded as the traditional magnetic stripe card. The cards can be charged with a certain amount and can be used as an "electronic wallet". When inmates buy something they simply hold up their payment card to a reader in the kiosk. The reader controls the identity and the balance and then money is deducted from the card. It is also possible to be able to see a picture of the cardholder on the kiosk system monitor. Transfer of wages and the handling of the system are made centrally from the Swedish Prison and Probation Administration servers to all 85 institutions.

-The institution in Täby, May 2004, was our test, says Christer Boiardt who is project leader at the Swedish Prison and Probation Administration. Since then we have installed the system at one institution at a time. Not only do we avoid business with cash between inmates, but we also reduce the administration and handling. Inmates can only use their wages to buy things in kiosks and automatic machines.



This payment system has reached several positive results.

The owners of the kiosks have noticed that the PayTrac system has led to an increased sale. Every kiosk has been upgraded with a complete and modern sales system which facilitates

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the work. The goods are registered with bar-codes and bar-code scanners and a printer for receipts is installed. With the cash-less payment system you do not need to handle daily receipts.

The inmates have also been positive towards the payment system. The shopping goes much faster and the payment card is automatically refilled to the maximum limit after payment of wages.

- It was extra fun to win the Prison and Probation Administration's purchasing since our RFID expert, Björn Holmer, is the "father" of this new system. The payment system is a complement to other applications adapted to remand prisons, security companies and institutions. We also think that there are many advantages with proximity technology for internal payment systems for other types of businesses, says Rutger Vannerus, MD TracTechnology. The owner is paid in advance since money is deposited to the card. Proximity cards are more reliable and easier to use than other solutions.

Internal charge cards reduce the handling of cash in businesses as camping and holiday villages and they replace change machines. Cash handling and maintenance of change machines is not of necessity. The same card can in addition to payment be used for access control. The readers with relays do not need to be connected to a computer on payment or entry. The users get "all in one card".

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TracTechnology is an expanding company that creates solutions with RFID technology. We develop and sell equipment and systems for different applications – access, security and payment, industrial applications and for tracking within the food industry. The company is Scandinavian distributor for GIGA-TMS Inc., which is one of the largest manufacturers of equipment for proximity technology.