



# The use of smart cards in healthcare

Working more secure and efficient with the UZIpas

## Central GP Service Drenthe

The Central GP services Drenthe (CHD) provides urgent medical care in the evening, night and weekend hours and during the holidays, in a large part of Drenthe, in Appelscha region and a large part of Overijssel (region Staphorst and Steenwijk).

CHD is one of the first services in the Netherlands who works with the UZIpas for both access to electronic patient information and access to computer applications. With the UZIpas healthcare providers and referral agencies

can gain secure access to confidential patient information.

They can also use the card to provide access to patient information to fellow healthcare providers who treat their patients.

The CHD has more than 250 affiliated physicians, which use the UZIpas for data exchange. More information is available at [www.chd.nl](http://www.chd.nl).

## The UZIpas

The UZIpas contains the electronic identity of the cardholder. It's an important personal "value document" just like the regular passport.

The UZIpas looks similar to a debit card.

The assistants and doctors at a GP have no fixed place of work and multiple health care providers work on one computer. Logging on and verifying the pass / PIN at every computer increases the workload and causes delays which are unacceptable in a GP. Regularly someone needs to leave the counter. It's too much work to take out the card and log back in again after returning.



Unlimited access  
to your world

# The use of smart cards in healthcare

CHD had the following question: "Is it possible to use the secure UZlpas so that a complete re-login when changing computers during service is not required and there is no risk to the information security, to increase the workability and to enable a caregiver to switch computers without he or she having to logon again?"

PK Automatisering realized the solution: The healthcare provider logs on with his UZlpas and associated PIN / password at the beginning of his service to any computer in the GP.

He then starts the necessary applications for his or her service.

When using another workstation he removes his UZlpas without logging out and takes place behind another random computer and inserts the UZlpas into the card reader.

PIN authentication is automatically displayed. After entering the PIN, the fully initiated initial work session is shown and the caregiver does not need to re-start all the necessary applications for his service and can immediately continue where he has remained.

Although removing and inserting the UZlpas persists, the verification of the PIN code after placing the pass at another workplace takes just a few seconds.

The CHD uses Citrix XenApp sessions and IGEL Thin Clients, with which the UZlpas with associated SafeSign Identity Client middleware seamlessly integrates. Also log on to the web browser and webHIS CallManager are widely used.

"Our IT supplier PK Automatisering has helped us to connect all 250 healthcare providers within three weeks," said Ronald Officer, IT manager of CHD. "Work can be done faster at the GP and the information security remains intact. We therefore want to, in time, use Single Sign On and VPN connections. "



"Work can be done faster at the GP and the information security remains intact. We therefore want to, in time, use Single Sign On and VPN connections. "