



More time for care with Digital Pen and Paper. Secure, fast and accurate data transfer

"I like the Anoto Digital Pen very much, it's so easy to use. And since I started using it, I have much more time for my patients. The pen saves me up to half an hour every day."

Doctor Michel Konzelmann, Clinique romande de réadaptation

FACTS

Customer: Clinique romande de réadaptation, Suvacare, Sion, Switzerland. A clinic specialized in rehabilitation.

Challenge: To make patient info available to the clinic's personnel fast and in a secure way.

Solution: A solution from Digital Pen Corporation based on Anoto technology and the Softminders-FMS platform.

Benefits: Doctors save time that can be used on patient care instead. Increased overall security. Improved data accuracy.

Background

Clinique romande de réadaptation (Suvacare) in Sion, Switzerland is specialized in the rehabilitation of long-term injuries. In the sunny climate and the beauty of the mountains, with the closeness to the town and the many canalized routes, the patients are stimulated to heighten their range of activity, as they gradually regain their functional capacity.

Previous methods for data capture

This is one of the main rehabilitation clinics in Switzerland and every year, around 1,000 residential patients and 8,000 ambulatory patients are treated here. Before, the doctors, therapists and nurses evaluated the patients' symptoms with normal pen and paper and then they reentered the information into the computer.

The rehabilitation clinic was looking for a way to make information available to authorized personnel faster and in a

secure way. And it also wanted to avoid that the patients were asked identical questions by different healthcare professionals through all the different steps of the patient admission and handling process, which was not only time-consuming and boring for the patient, but also prevented the professional from concentrating on the medical part.

Since 2009, the clinic is using a solution from Digital Pen Corporation, which is based on Anoto technology. It is fully integrated with Candice, the clinic's electronic patient records. Various solutions based on laptops and tablet PC:s were tested before this decision was made and the other solutions all had their advantages and disadvantages. However, the Anoto Digital Pen was the only solution that enabled a simple, flexible and secure method for data capture and information transfer.

"We use more than 90 different types of forms for evaluating the health of our

patients. Forms are filled out by doctors, nurses, therapists as well as by the patients themselves. Giving a person a pen and asking him to fill out a form is a well-known method of retrieving information used for years," says Patrick Antonin, Chief Information Officer, at Clinique romande de réadaptation.

How it works

Doctor Michel Konzelmann is preparing for the first appointment of the day. He takes his digital pen and walks to his secretary Anne-Marie. She is busy printing today's forms. She selects the language of the forms via a web portal. When she prints the forms, the barely visible Anoto dot pattern is added to them.

The doctor gives Jacques, a newly arrived patient in a wheel chair, a pain assessment form and he starts filling it out. As he fills out the form with the Anoto Digital Pen, the pen reads the pattern and registers what and where he writes. The doctor collects the form and returns to his office to dock the pen. When he docks the pen, the form and the information is transferred to the electronic patient records.

Benefits

"I like the Anoto Digital Pen very much, it's so easy to use. And since I started using it, I have much more time for my patients. The pen saves me up to half an hour every day," he says.

Another benefit with the solution is that the paper acts as a back-up, in the event of network disruptions or other technical problems. "We keep the paper until the info is recorded in the electronic patient records, so if the pen is broken or lost, we still have the data. In the case of a laptop solution, a hard drive crash would mean that we lose all information," says Patrick Antonin, Chief Information Officer.

"The digital pen and paper solution is simple, efficient and revolutionary. It amazes as much on a technical level as on a practical one. In addition to providing more time for care, the solution has also increased overall security and accuracy of data. We are very satisfied with the result," he adds.

Other areas of usage

The clinic is now able to propose a similar solution to other clinics. The digital pen and paper solution has also opened up other possibilities. A writing pad has been created that, once the digital pen is docked, allows the user to receive his notes written in digital letters, and in the form of an image. The notes are received by e-mail. This way, the digital pen can be used for example for writing protocols or taking notes during a course. The clinic has also created forms for the registry of health benefits. This information, once captured with the digital pen, is transferred to the clinic's billing software.

Partner profile:

Digital Pen Corporation is a Swiss company, with operations in Europe, with a focus on France. They are pioneers in the integration of the Anoto Digital Pen with various solutions and have multiple references and vertical solutions in the following sectors: health, defense, after-sales service, real estate brokerage, construction, finance and retail.

www.digitalpencorp.ch

Partner profile:

Since 2002, the Softminders-FMS team has established a proven track record in helping its partners build and deploy reliable and cost-effective digital pen and paper solutions in a broad variety of industries. System integrators, software editors or business process consultants can easily provide their customers with the many benefits of Anoto technology without having to invest outside their core competencies. Softminders-FMS were amongst the first to adopt the wide-scale use of Anoto technology.

www.softminders-fms.com

Customer profile:

Clinique romande de réadaptation, Suvacare in Sion is one of the main public clinics in Switzerland. It's specialized in the rehabilitation of long-term injuries and has almost 250 employees. Every year, it treats 1,000 residential patients, corresponding to 38,000 days of hospitalization. And it also treats around 8,000 ambulatory patients. This corresponds to 50,000 treatments in the form of therapy, consultation and evaluation.

www.crr-suva.ch

Anoto Digital Pen and Paper technology

An Anoto Digital Pen looks and feels like a normal ballpoint pen. However, it contains an integrated digital camera, an advanced image microprocessor and a Bluetooth® transmitter. Any paper can be used with a digital pen, if the Anoto dot pattern is added to the layout before printing the paper. The Anoto dot pattern consists of numerous black dots that can be read by the digital pen, but are almost invisible to the naked eye. The pen reads the pattern and registers what and where the user writes.