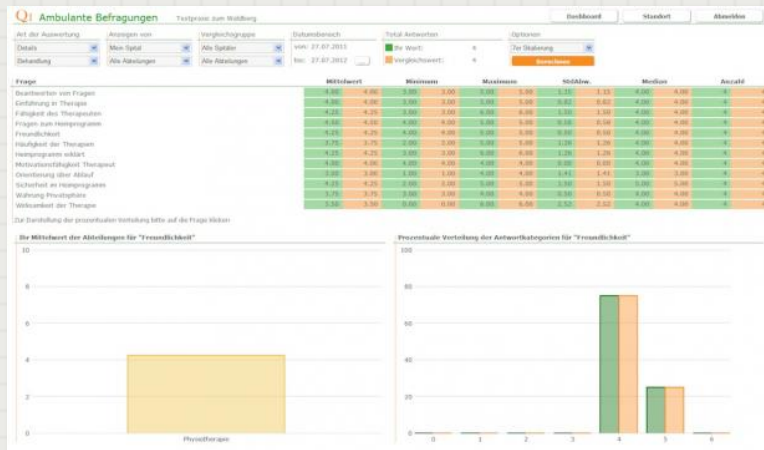


**hcri** The Situation

This Swiss healthcare organization needed a desktop app for collection of patient information, including data that is critical for government reporting and funding. The app must also be available to deploy on an iPad for doctors, nurses and patients that cannot be in front of a computer. hcriAG chose the Application Craft platform rather than build the tools themselves.



The App

The hcri AG desktop and iPad app manages information for the organization's Q1 database. The database stores patient information, doctor's diagnoses, recommended treatments, patient responses to questionnaires, relevant studies, and links to additional patient information, such as images of x-rays. The app was built on a timeline basis so that a patient's entire medical history can be viewed in a glance.

The information is gathered for the purpose of aggregating diagnoses and recommended treatments. This data can then provide recommended therapies for other patients with similar circumstances. Not only does this approach help doctors make better treatment recommendations, but it also provides the necessary proof to insurance companies that the recommended treatment is the best option for the long-term health of the patient.

This hcricAG app manages patient information so security was very important. Using the AC Pro Platform, hcricAG was able to build the logic on the server-side and design and navigation on the client-side.

"We chose Application Craft because the platform is completely browser-based, which made our app really simple to deploy and use," said Peter Hirschi, CIO, hcricAGI. "The doctors and nurses can be in any location and they don't need to install any software regardless of the device they are using. We have never seen anything else like the Application Craft framework."

The screenshot displays the 'Patientenakte' (Patient Record) interface. At the top, there are navigation tabs for 'Suchen', 'Aufgaben', 'Patient', and 'Demographie', along with 'Dashboard' and 'Abmelden' buttons. The main content area is divided into sections: 'Persönlichkeitsübersicht' (Personal Overview) showing patient details like name (Heer Beat Muster), address (Musterstrasse 12, 8000 Zürich), phone, email, and birth date; 'Krankengeschichte' (Medical History) with a list of documents including 'Allgemeine Dokumente', 'Herzinfarkt akut nichttransmurale', and 'Herztransplantatun Re-transplantatun während...'; and 'Vorschau' (Preview) showing three document thumbnails with their titles and creation dates. The interface is clean and professional, typical of a medical record system.

## The Build

From assessment to completion, the hcriAG app required three months to build by the two person development team. According to Hirschi, they were able to build this app so quickly and easily because of the HTML5 widgets and the extensibility of the Application Craft platform.

"The most important feature of Application Craft is the extensibility," said Hirschi. "If we need a new feature or functionality that is specific for to hcriAG, it is easy to build it with HTML5 widgets. With Application Craft, we had a lot of what we needed and we were able to quickly create the rest. Application Craft's open approach created a great opportunity for us to build exactly what we needed with no compromises."

## The Results

"One week after we completed the app, we presented it at an exhibition of surgeons that work on broken bones and they understood immediately how valuable it is. We quickly began generating business. Not only did the organization that hosted the event get in contact with us, but also many of the doctors in attendance."

## The Bottom Line

"Without Application Craft, we would have had to build our own framework. Using their platform was much easier and faster. We certainly would not have been able to build our desktop and iPad app in three months without Application Craft."