# pixolus

Data capture made simple

We digitize your processes by
mobile data capture

Energy

pixolus has developed pixometer, a scan module for capturing meter readings of electricity, gas, water and heat meters via smartphone camera. Many well-known utilities and energy suppliers have already integrated this module into meter reading tools as well as customer apps. In addition, pixolus has developed apps for staff and customers.

innogy Metering collects 4 million meters per year with an app developed by pixolus, which is consistently aligned to the meter reading process. For Stadtwerke Halle (GER), pixolus has developed an intuitive app for the customer self-service.
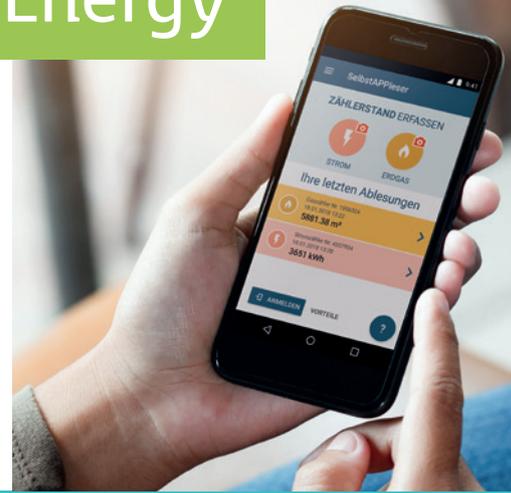
Health Technology

pixolus is part of a consortium together with RWTH Aachen University and Philips. Within the publicly funded project KOMEET, pixolus demonstrates how to cost-efficiently digitize documentation in hospitals that is still on paper today.

pixolus' app for mobile data capturing enables digitization and integration of relevant patient data. It allows for quality assurance, increases patient safety, and improves the treatment outcome. It also supports the collaboration between hospitals and specialized clinics. Important aspects are user-centered design, efficient data capture via camera, as well as data security.
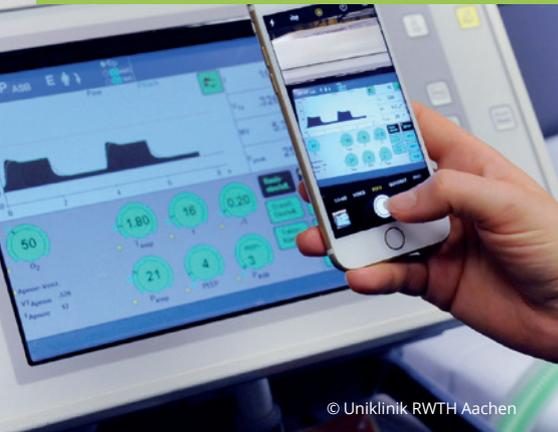
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aescoLOGIC supplies doctors, practices and hospitals with medical items and manages the complete warehouse management on site. pixolus and aescoLOGIC analyzed the process at the customer's warehouse for setting up a new order system. The result is a mobile app for orders via QR code scan.

aescoLOGIC employees use the app on special devices with integrated QR code scanner and hardware keyboard. The app is available for Android and iOS allowing customers to place additional orders by themselves. The app also shows previous orders, including the current delivery status as well as the expected delivery date.

Logistics

Marketing

Together with the advertising agency WAVELINE-MAR.COM pixolus has created a multimedia app for the interactive fair presence of SOPHOS TECHNOLOGY. To play any of nine product videos on an outlying tablet, visitors point the camera at the respective symbol on the exhibition stand.

pixolus has contributed the technical design, the implementation and especially the camera-based recognition of the symbols. Even before Apple's AR kit enabled such functionality with comparatively low expenses, SOPHOS was able to shine with visionary technology.

Synchronized Security
Welcome to our interactive world

Firewall Web Wireless Email Sophos Central Endpoint Encryption Mobile Server

SOPHOS

We turn smartphones into mobile data scanners.

pixolus creates innovative solutions for automated data capture. As engineers, computer scientists, economists and app developers, we have the necessary expertise – and a lot of creativity and enthusiasm.

Do your employees or customers collect data on their way? In the future this could work less tedious, time-consuming and error-prone. In mass processes with decentralized data collection, pixolus supports you in the best way. The result: data is captured comfortably, quickly, reliably and including a reference photo taken by the camera.

Mobile image recognition

We develop customized image recognition solutions for mobile data capturing. We use the state-of-the-art technologies such as machine learning and augmented reality. Examples are the automatic collection of meter readings (pixometer), IBAN (pixiban), pressure gauges or type plates via camera of smartphones or tablets.

Customer-specific apps

Others develop colourful apps. We develop solutions under iOS and Android tailored to your processes. Our apps improve your processes and reduce costs. We also take care of the corresponding system integration. This is how we bring your business into the digital world.

Advice on digitization

We analyze and optimize your processes – preferably in agile projects. In a workshop we identify your problems and work out the goals together. In manageable 2-4 weeks sprints, we perform improvements iteratively. In this approach you prioritize the next steps and always have transparency regarding project progress.

Simple, smart, agile.

We are experts for image recognition: pixolus derives from "pixel" and "solution". We focus on mobile applications and turn smartphones into mobile data scanners.

Similar to a scanner for QR codes, you can also capture characters and numbers per camera with our image recognition. Get an idea – for instance by testing our apps pixometer (meter reading – iOS, Android) and pixiban (IBAN reading – iOS).

We advise industrial companies as well as small and medium-sized enterprises on digitization – among other things as official »go-digital« consultants authorized by the German Federal Ministry of Economics and Energy.

Test our apps:
pixometer & pixiban

go-digital

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