

CASE STUDY

Smart signature

COMPANY



CHALLENGE

Digital Signature is a technology company that develops biometric solutions. One of them is a biometric pen that uses advanced electronics to collect various characteristics that allow for the unambiguous identification of the user's signature. Digital Signature was looking for a business partner who would support the company in implementing a prototype of this device.

SOLUTION

At the beginning of the cooperation, INNOKREA analyzed the requirements and available documentation of the electronic part of the biometric pen. In consultation with the client, we proposed writing dedicated software that allows signing contracts in electronic form using a tablet and the biometric pen.

As part of the project, a number of tests of various devices were carried out, a special mobile application for tablets was created and many additional engineering problems resulting from the interface between hardware and software were solved.

BUSINESS EFFECT

Advantage #1

The prepared prototype allowed Digital Signature to present a biometric pen prototype in a real business application, meeting the expectations of technology recipients.

Advantage #2

The project was financially profitable. By creating a prototype solution, initial development expenses were significantly reduced because it was enough to build a basic version of the hardware and applications.

Project in numbers

- **5 sensors built into the biometric pen**
- **6 R&D employees collaborating on the project**
- **10+ tablet types tested**

About the client

Digital Signature is a technology start-up dealing with the development and implementation of modern biometric solutions



Nothing is impossible for the INNOKREA Team. They willingly undertake difficult and innovative projects. Particularly valuable is the consistency with which INNOKREA strived to create a "tailor-made" solution that perfectly fit our business strategy.

Katarzyna Michalak-Magda
President of the Management Board,
Digital Signature Sp. z o. o.