



In-vitro tool calibration & cloud

Our client, a medical device producer, asked us to implement SW for his HW solution, which is used to measure and display measurements from sensors to calibrate lab equipment. Thaumatec developed a portable device that was then connected to the cloud, where all the data is up-to-date available in one place and efficient accessible for all needed laboratory applications.

Cloud integration

Protocol layers

Interface to sensors

Graphic library

Visualization

HW configuration

Label-free biosensing platform

Our customer, a research company, engaged in development of a new biosensing technology, approached us with a need to support preparation of their first commercial device.

The platform can be used for basic life-science research and in development of new multi-biomarker assays for diagnostic purposes. We gathered product requirements and designed the software architecture and implemented the system including the biosensing algorithms according the strict quality and performance requirements.



Requirement Analysis

Architecture Design

Biosensing algorithms
implementation