



Visualization of sensor data for smart precision

„Our soil sensors and IoT micro weather stations in combination with cloud-based forecasting models collect extensive data relevant to the agricultural sector. infoteam’s Smart Sensors dashboard provides the perfect platform for smart precision to clearly visualize sensor data and perform specific analyses.“

Lukas Kamm, Agvolution GmbH

With our partner:

AGVOLUTION

Initial situation

- CLIMAVI sensors from Agvolution collect data for the agricultural sector
- CLIMAVI provides the required data to optimize production
- Weather data such as temperature, humidity and solar radiation are measured
- Soil temperature and moisture are detected
- Collected data is provided through an API
- **Objective:** Clear visualization of collected sensor data
- **Objective:** Performing a specific analysis of the collected sensor data

Solution

- Web application in the form of a dashboard
- Web application runs on popular browsers (Chrome, Firefox, Safari, Opera, Edge)
- Hosted on Amazon Web Services (AWS)
- Graphical representation of sensor and field data
- Evaluation of specific data to identify trends within the data and relevant events
- Data editing
- Display of weather data for current location



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