Agriculture Remote Monitoring

Smartly use water for crops irrigation

[Customer Value Proposition]: KAISPE Agriculture Remote Monitoring solution help farmers mitigate the crops irrigation problems.

What is Agriculture Remote Monitoring?

The solution provides key telemetry information to customers about soil moisture, air temperature and weather forecast using Microsoft Azure IoT Central and devices connected with IoT Central. Certain rules can be configured on telemetry information as per the irrigation requirement of each crop.

Rules can be configured on telemetry information as per the requirement of each crop. Using a Power BI dashboard, farmers can view key telemetry information for each agricultural location. To fulfill the irrigation requirements, the solution will automatically send a notification to farmer or open a Purchase Order (for outsourcing) in Microsoft Dynamics 365 CRM.

Why customers use Agriculture Remote Monitoring

- Water resources are scarce

- Excessive consumption of water reduces crop growth

- Weather and soil condition considerations are often avoided

- Additional indirect cost linked with electricity, fuel etc. is higher

Our Solution

- Leverage the power of Microsoft Azure IoT Central (a fully managed SaaS application)

- Provides data insights using a highly scalable BI platform

- Highly flexible application architecture

- Integration with other applications

- Help saving water and other related costs by 30%

KAISPE