



IOT-BASED SMART FARMING SOLUTION

About the Client and their Business Need

Our client is known for innovation with cutting-edge seed technology and a wide portfolio of agricultural products. They foresee the advent of technology in agriculture and wanted to leverage the potential of smart farming to drive efficiency in all aspects of their irrigation system.

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SMART FARMING TECHNOLOGY

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Business Challenges



Lack of Centralised Data



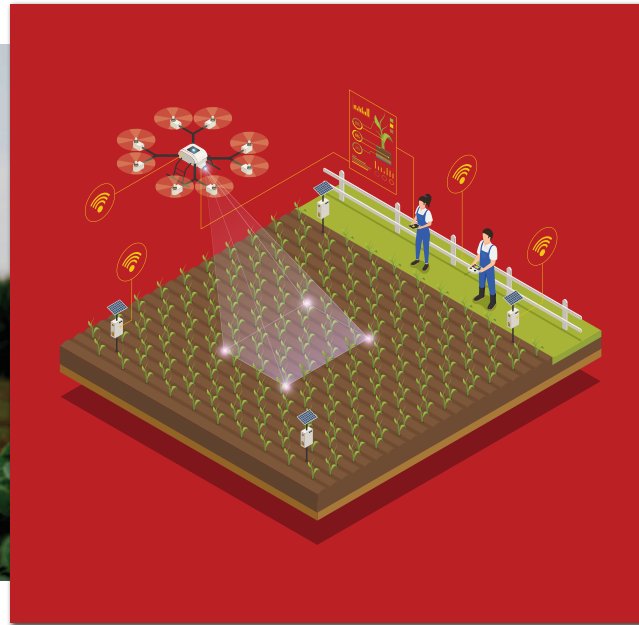
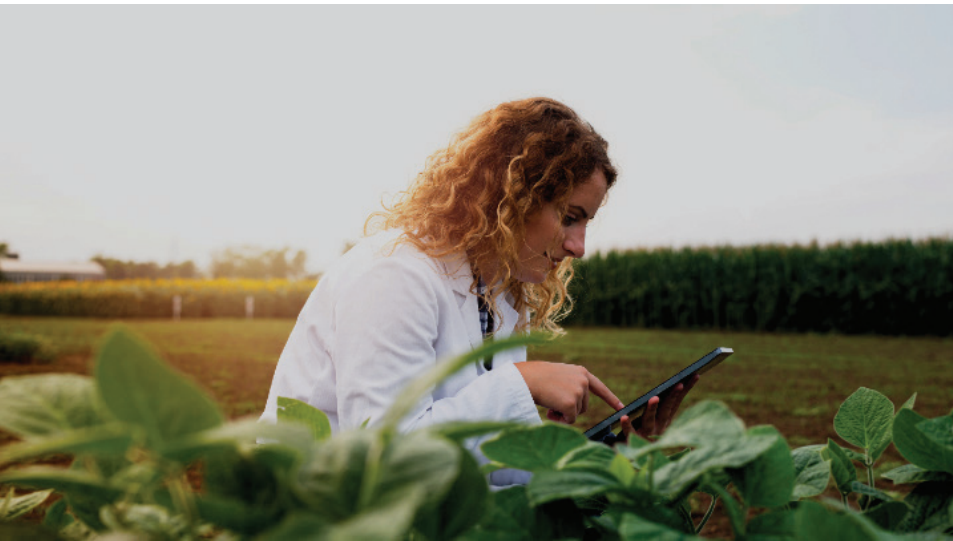
Inconsistent Manual Tasks



Inefficient Yield Forecasting

Our Solution and Approach

- IoT-based Real-Time Soil Health and Environment Condition
- Water demand forecasting
- Smoke/fire detector to ensure safety and contingency
- Drone-based yield forecasting
- Consolidated view of the plants with a health index
- Automated Irrigation System
- Supply chain assistance of plant locations



Business Results

**End-to-End Smart
Farming Solution**

Data-Driven Approach

**Automated Irrigation
System**



a **CAC** holdings group company


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