



Cultivating a future of innovation and sustainability

The Challenge

Agricultural farmers in Malaysia grapple with challenges arising from climate change impacts, land and resource limitations, and market access difficulties. Adopting modern agricultural technologies and practices is hindered by limited awareness and labor shortages. Navigating complex policies and regulations further adds to the complexities faced by farmers.

The Solution

Xperanti Smart Agriculture Solution offers precision farming with real-time data insights, optimizing resource allocation and crop management. Embracing eco-friendly practices, it promotes water conservation and reduced chemical usage. Equipped with innovative technology, farmers can make informed decisions for increased productivity and profitability, cultivating a sustainable and thriving future for agriculture in Malaysia.

The Results

Benefits of the Smart Agriculture include:

- **Enhanced Crop Management** with real-time data insights
- Resource Efficiency through **optimized water and fertilizer usage**
- **Increased Productivity** with automation and precision technology
- **Early Detection** of issues like pests and diseases
- **Sustainable Farming practices** to minimize environmental impact
- **Cost Savings** through improved resource management
- User-Friendly Interface for **easy adoption by farmers.**

IoT Network Operator



Xperanti IoT is Malaysia's first and largest dedicated nationwide IoT network, providing Industrial IoT solutions through exclusive access to Sigfox's global OG Network technology. www.xperanti.com

Solution Partner



Singularity Aerotech Asia is a prominent agricultural aerospace company, specializing in advanced aviation technologies and solutions for the agriculture sector. www.singularityaerotech.asia/

Customers



10 farms across 5 states in Malaysia – Johor, Kelantan, Kedah, Selangor and Negeri Sembilan