



FARMTOS: Farmtos is a compound word of **FARM** and **KALATHOS** meaning "A Rich Farm". Kalathos is an Ancient Greek word meaning basket and symbolizing "Rich"



FARMTOS IMS

Cloud Farm Management Platform to perform remote monitoring, management, and analysis different types of SmartFarm.



FARMTOS VFS

Advanced Vertical Plant Factory Model that can produce uniform quality crops at all times of the year. Utilizing building underground spaces, idle warehouses, etc.



FARMTOS GHS

Enhanced Smart Greenhouse model. Reduces labor and improves convenience compared to existing greenhouse.



FARMTOS CUBE

Urban city farm model. Easy to move around and can build in a small area. Suitable for novice farmer.



FARMTOS TMR

Smart automatic TMR(Total Mixed Ration) system for livestock(cow)

Indoor Cultivation System

FARMTOS ICS

"Farm to Table"

Eco-friendly SmartFarm Solution

"Pesticide-free cultivation" IoT Home Appliances

Domestic Patent Registered

PCT Applied

Awarded National IT Industry Promotion Agency | Director's Prize

Awarded Ministry of Science and ICT | Minister Prize

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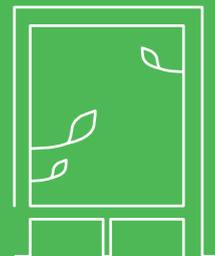
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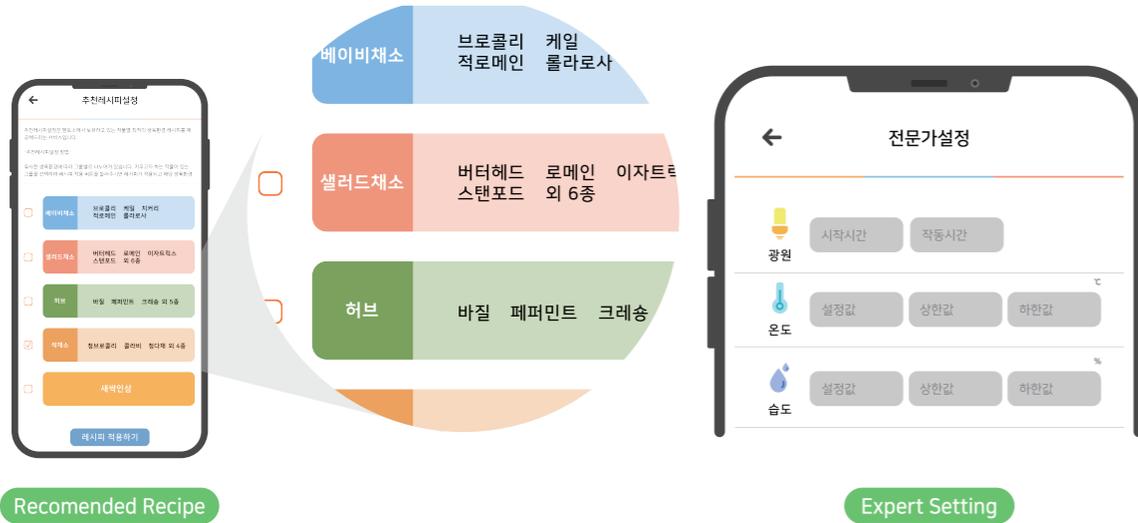
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FARMTOS ICS Key Signitures

Automatic Control !!



Recommended Recipe

Expert Setting

FARMTOS ICS has more than 30 crop cultivation Recommended Recipes. User can set up the growing environment automatically on FARMTOS APP just by selecting suitable Recipe category. In Expert Setting, user can manually set up the growing environment of any crop that user wants to cultivate.

From A to Z !!



FARMTOS ICS is the first smart cultivation system in Korea that can cultivate and raise crops at the same time. User can experience the whole process step by step, from germination to seedling to cultivation.

With Friends & Family !!

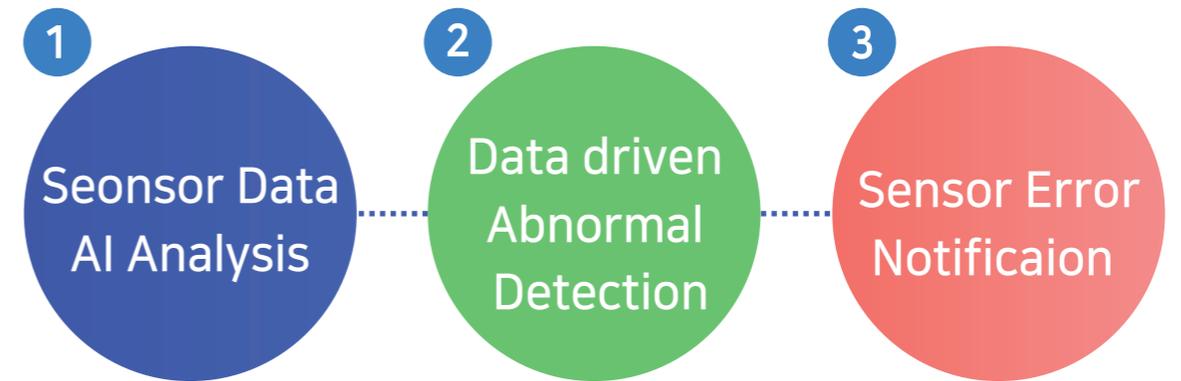


My Video Album

MY Observation Diary

User can observe the process of cultivation everyday through small camera inside FARMTOS ICS. It automatically save photos of the growth process, so user can write diary or make video using those photos. Saved videos and observation diaries can be easily shared through social media such as Kakao Talk and Facebook.

Smart IoT Service !!



FARMTOS ICS contains AI algorithms to predict device's remaining function period and possible error that might occur by monitor the operation status of sensor. This allow users to pre-check sensor before failure. This prevents crop damage due to sensor failure and reduces user inconvenience.