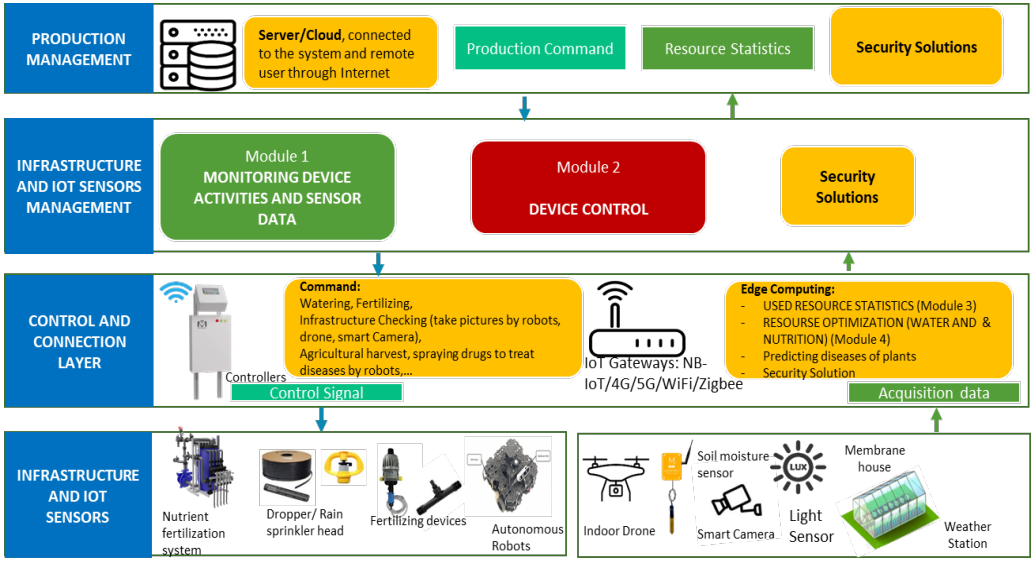
Agricultural IoT based on Edge computing

ASEAN IVO 2022

ASIAN countries have a large share of agriculture in their economies, so ICT for food is the totally right approach as part of the IVO project's goals.

This project aims to build an agricultural IoT framework based on edge computing, with a focus on solving existing challenges for agricultural IoT systems for both academic and practical aspects at the network edge.

Research findings on improving edge computing performance, system security, and advanced intelligent computing will be applied and tested on farms across the participating countries. As an outcome, the exchange of experiences and data sharing among research institutions, as well as the collected data, will serve as a foundation for continuing to develop a common and effective model/framework for countries to apply to agricultural IoT applications in practice.



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PTIT: Posts and Telecommunications Institute of Technology; VNU-UET: VNU-University of Engineering and Technology; UTM: University Technology Malaysia; NECTEC: National Electronics and Computer Technology Center; NICT: National Institute of Information and Communications Technology.