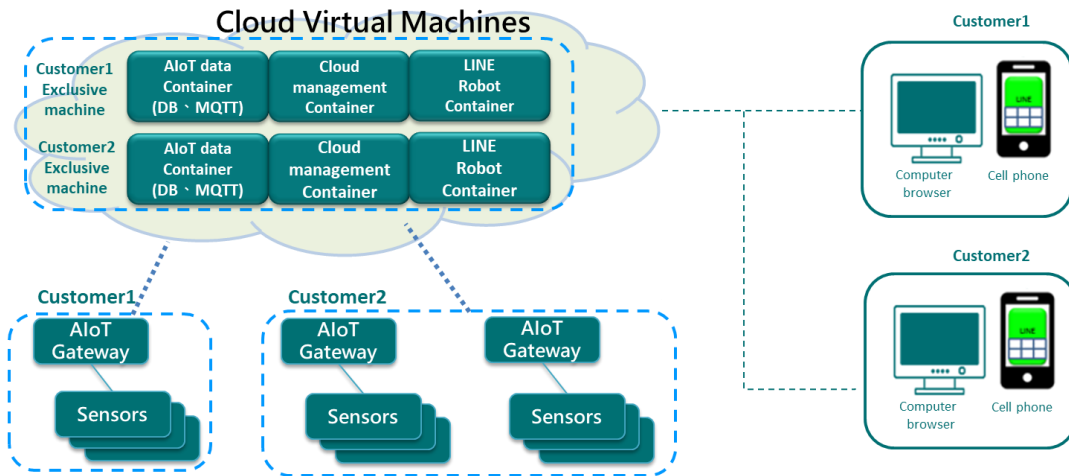


AGS-201 Smart Aquaculture Mobile Solution

EstiNet's AGS-201 (Smart Aquaculture Mobile Solution) uses technology to upgrade aquaculture management, moves management to the cloud, provides remote control with the latest Internet of Things equipment technology, and accumulates daily feeding and water quality data in the database, allowing The aquaculture industry uses scientific and technological power to improve aquaculture technology, increase the survival rate and growth rate of breeding organisms, and increase the output value. Furthermore, it can be combined with big data analysis to standardize and intelligentize the aquaculture procedure, and grow with the feeding experience.

EstiNet uses system integration technology to integrate IoT sensing technology, Ethernet technology, Zigbee wireless communication technology, artificial intelligence deep learning analysis and identification technology, and mobile device technology to provide users with an advanced and convenient experience. For network deployment, the latest Docker container technology is used to centrally manage and execute each software module in the most efficient manner. Based on information security considerations, each farming customer has an independent collection of software containers, data will not be stolen, and system security will be taken into consideration at the same time.



Function Description

- ◆ AiGOAL IoT platform
 - Support IoT MQTT protocol
 - Support AGW-201/203 IoT gateway
 - Real-time situation dashboard
 - LINE action management
- ◆ Water quality data analysis
- ◆ Video surveillance
- ◆ Event warning
- ◆ Aquaculture daily log
 - Disease records
 - Pool management
 - Harvest management
 - Feeding data records
 - Aquaculture cycle planning and management
 - Daily important events presented

Sensor Option Information

- ◆ SEN-203 PH sensor
- ◆ SEN-202 ORP sensor
- ◆ SEN-201 DO sensor
- ◆ SEN-211 Optical DO sensor
- ◆ SEN-205-1 Salinity sensor for fresh water
- ◆ SEN-205-2 Salinity sensor for sea water

Software Option Information

- ◆ AGA-188 AiGOAL IoT Platform
- ◆ AIS-101 License Plate Recognition Module
- ◆ AIS-201 Shrimp recognition module
- ◆ AIS-301 e-Fence module
- ◆ AIS-601 AR Smart Glasses Module
- ◆ AIS-801 Smart Control Module
- ◆ AIS-901 Aquaculture Management Module
- ◆ AIS-902 Water Quality Monitoring Module

Ordering Information

Product Name	Q'ty(pcs)
AGS-201	< 5

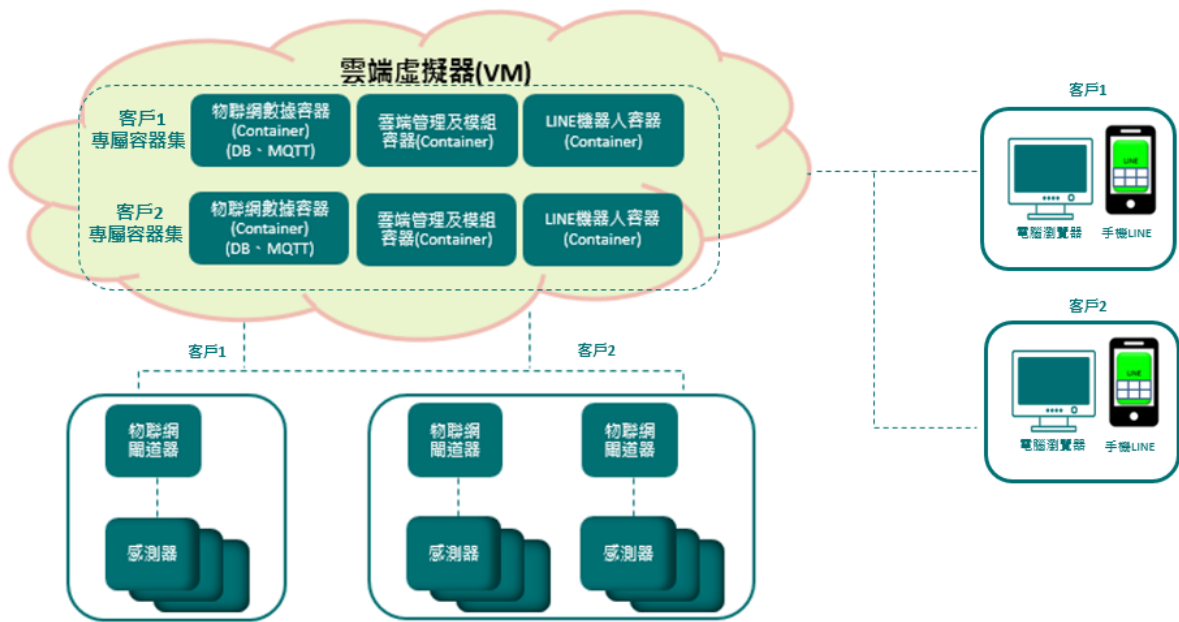
- ◆ Contact Sales: [AiGOAL_sales@estinet.com](mailto: AiGOAL_sales@estinet.com)

AGS-201智慧養殖水質監控行動方案

思銳AiGOAL智慧養殖水質監控行動方案，用科技技術升級養殖管理，將管理移到雲端，以最新的物聯網設備技術提供遠端管控，將每日投餵、水質數據累積到資料庫，讓業者應用科技力量改進養殖技術，增進養殖生物存活率、成長速度，提高產值。更進一步可搭配人工智慧訓練專家系統將養殖經驗規格化、智慧化，隨著養殖經驗而增長。

思銳以系統整合技術，整合物聯網感測技術、乙太網路技術、Zigbee 無線通訊技術、人工智慧深度學習分析與辨識技術、行動裝置技術，提供使用業者先進而方便的使用體驗。針對網路部署，採用最新的Docker容器技術，將各個軟體模組以最有效率的方式集中管理執行。

基於資訊安全考量，每個養殖客戶都有獨立的軟體容器集合，資料不會被竊取，同時兼顧系統安全。



功能說明

- ◆ AiGOAL物聯網平台整合支援
 - 支援物聯網MQTT協議
 - 支援AGW-201/203 IoT閘道器介接
 - 即時感測器戰情室資料顯示
 - LINE行動管理
- ◆ 水質數據分析
- ◆ 影像監控
- ◆ 異常告警
- ◆ 養殖日誌
 - 疫病紀錄
 - 分池管理
 - 間補收成管理
 - 投餵數據紀錄
 - 養殖週期規劃管理
 - 每日重要事件呈現

感測器選購

- ◆ SEN-203 酸鹼度(PH)感測器
- ◆ SEN-202 氧化還原(ORP)感測器
- ◆ SEN-201 溶氧度(DO)感測器
- ◆ SEN-211 光學溶氧度(DO)傳感器
- ◆ SEN-205-1 淡水 導電度/鹽度 (EC)感測器
- ◆ SEN-205-2 海水 導電度/鹽度 (EC)感測器

軟體選購模組

- ◆ AGA-188 AiGOAL物聯網平台
- ◆ AIS-101 車牌辨識模組
- ◆ AIS-201 米蝦辨識模組
- ◆ AIS-301 電子圍籬模組
- ◆ AIS-601 AR智慧眼鏡模組
- ◆ AIS-801 智慧控制模組
- ◆ AIS-901 養殖管理模組
- ◆ AIS-902 水質監控模組

訂購資訊

產品名稱	訂購數量
AGS-201	< 5

- ◆ 產品價格、運送方式或其他相關問題請與我們連繫: AiGOAL_sales@estinet.com