



# Farming Services

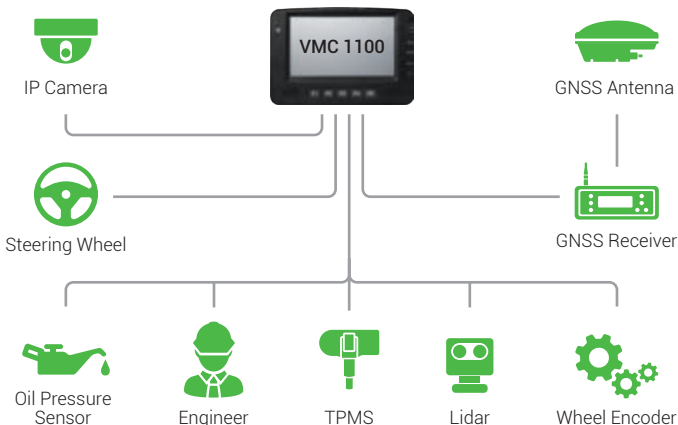


## NEXCOM Vehicle Mount Computers Increase Efficiency of Precision Agriculture in Asia

Putting precision agriculture into practice is no doubt paramount to the ongoing success of the agriculture industry. As global population rises, farmers need to supply adequate food resources to keep up with the growing demand. To maximize harvesting yield within limited arable land, automate tractors and optimize farming efficiency, NEXCOM's VMC 1100 vehicle mount computer has been implemented inside driverless tractors in an agricultural land in Asia.

In this application, NEXCOM's VMC 1100 vehicle mount computer played a critical role in the navigation and positioning of tractors

and the monitoring of vehicle health and field data. Using GPS and radio technology built on the vehicle mount computer, farming tractors can be positioned precisely within 2 centimeters to accurately steer tractors automatically with turn-by-turn navigations without missing an area in the crop field. Also, by being able to monitor vehicle location and health, collect field data such as soil and weather conditions, farm managers can now improve production and operation efficiencies. For instance, farmers can accurately track assets to monitor performance, and analyze field data to identify what adjustments can be made to optimize the planting, harvesting and fertilizing processes.



### VMC 1100

- 9 to 36V power input for unstable vehicle power
- Built-in CAN bus 2.0B for diagnostics of vehicle health
- Military-grade reliability to withstand rough roads
- Location tracking for asset management and labor safety
- GNSS and radio support to provide precise positioning