

Case Study: Agri-Business

Problem



Our client, Australia's largest almond producer, had in excess of 15,000 hectares of plantations and needed a solution that could manage their distributed harvesting equipment across multiple plantations and areas.

With a short harvesting season, they needed harvester operators to travel at optimal speed to maximise production conversion.

They also needed to know where each harvester was and which paddocks had already been harvested, in order to maximise productivity, and enable analysis of harvest yield per variety and hectare.

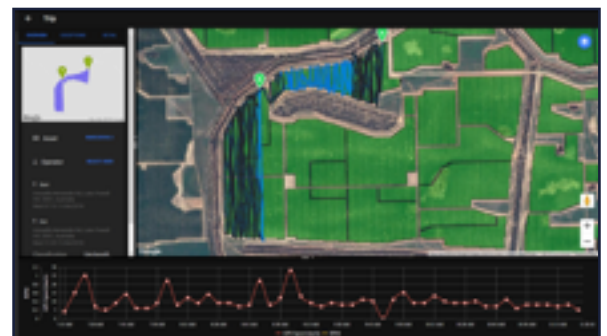
Solution

We provided geofencing for 1,468 different paddocks within the plantations.

And we installed Super Drives into 85 harvesters, so that each could be individually identified and tracked.

We then set a speed limit for each paddock.

Alerts were triggered if a speed limit was breached, or if a machinery travelled outside its set threshold.



Benefit to Client

Our client was able to automate the order of the harvest across multiple stages, maximise yield and automate load counts. And we were quickly able to identify a machine that was falling behind, thereby minimising cascading effects on the harvest process.

This increased productivity and decreased waste, and led to an overall reduction in costs. There were also significant OH&S benefits provided by the real time tracking.