

Automatic identification of grape bins with TagMaster's long-range RFID system

Summary

A leading Australian wine producer has implemented the TagMaster RFID system in the grape collection process. The system automatically allocates weight data to the individual grape bins, ensuring accurate records and improved overall system efficiency.

Challenge

The wine producer needed an automatic identification system that could identify the approximately 3,000 grape bins at long range with high precision. The system also needed to be easily integrated with the grape scales for matching of weight with each grape bin.



Products used:

S1500 WiseMan Reader
S1455 MarkTag HD

Solution

The solution was to use the long-range, 2.45GHz RFID system from TagMaster. Readers were mounted by and integrated with the scales, capturing the ID-numbers along with the weight data of the grape bins as they arrive from the vineyard. About 3,000 grape bins were equipped with TagMaster ID-tags on the side. The system is also used for tracking and storage of the containers used in the grape collection process.

Conclusion

As a result of the automatic matching of bin-ID and the bin-weight, the winery management has improved the weighing process and has also improved the overall system efficiency. The TagMaster system was successfully implemented and saves time for all producers deli-