

Drinking to eKo Friendly Wireless Crop Monitoring



Now available from Willow Technologies Limited (www.willow.co.uk) and fast gaining an outstanding reputation in the global Wine Industry is the eKo Wireless Crop Monitoring System. Viticulturists and wine makers have reaped the benefits of using the Memsic eKo crop monitoring system, with a **26% reduction of irrigation water usage, a reduction of energy consumption** and significant increase in yield.

Said Martin Pearce, Marketing Director at Willow Technologies, “The versatility of the transceivers and sensors allows vineyard managers to track soil moisture, temperature and humidity, plus the amount of water that flows to each vine across the same network and the rate of fermentation in the cellar. **Vineyard Managers can view the real-time data collected by the eKo system, self-powered and self-configuring Mesh Network, via a SmartPhone, a laptop or desktop computer at any time of the day or night.** The network’s simple but powerful design can help vineyard managers develop a comprehensive vision for how to operate their vineyard more efficiently.”

Through delivering vital live crop health data that incorporates vigour and growth progress via a simple internet browser (with its relatively low per node cost compared to alternatives), the eKo offers a quick, cost-effective way to deploy more sensors across different terrain and microclimates and it achieves broader monitoring without incurring monthly or incremental fees. “What’s more, the eKo provides the flexibility to combine multiple applications into one system, including frost detection, irrigation monitoring, and disease prediction” comments Pearce.

“This is a hugely exciting, environmentally friendly product, extremely adaptable, certainly not limited to use in the wine industry and offering obvious benefits in the monitoring of an extensive range of crops. The far reaching opportunities speak for themselves and Willow is delighted to include the eKo within its product range.”

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Editor Information

Founded in 1989, Willow Technologies is located in Lingfield, Surrey, UK. We provide electronic solutions to customers by designing, manufacturing and supplying components and systems globally to the electrical and electronic marketplace. Specialists in switching, sensing, resistive and hermetic seal solutions we have a wide portfolio of sensing technologies and over 60 years of application experience. Our in-house engineering capability and rapid prototyping facility for custom parts enable us to develop products to match specific application requirements. Willow is a BS EN ISO 9001: 2008 accredited company.

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