



Hello there

Welcome to Synergy Positioning Systems' latest news update. This edition brings you loads of articles we know you'll find interesting including why the construction industry needs Machine Control, how KiwiRail is using UAV technology as well as information on how FARO technology is helping Envivo bring fast and accurate data to their clients.

From the team here at Synergy, thanks for reading and we'll update you with more news soon.

[Why the construction industry needs Machine Control](#)



Advanced machine control technology is already providing many Kiwi construction companies with the ability to save both time and money. Here's the low down on why Machine Control is the new 'must have' technology for the construction industry.

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[UAV technology used to survey part of KiwiRail's network](#)



Richard Justice, principal engineering geologist with ENGEO Limited, is a firm advocate for the use of UAV (unmanned aerial vehicle) technology to map landforms for further geological assessment.

As a supervisor on University of Canterbury masters student Julia Watson's MSc thesis, Richard recently got to explore the benefits of this rapidly developing technology when a UAV was deployed by Synergy Positioning Systems' consultative team as part of the project.

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Envivo getting more flexibility with FARO



Envivo is a multidisciplinary consultancy offering surveying and planning services, 3D scanning and modelling capabilities, as well as technical consent advice and leadership in civil and environmental engineering.

Offering a wide variety of services to clients throughout the country from offices in Auckland and Christchurch, Envivo has adopted FARO hardware and software to provide clients with fast and accurate data realisation for a diverse array of projects.

Director Mark Finlayson and Envivo's 3D scanning and modelling lead, Brent Tassell, recently took time out to talk about their experiences using the FARO Focus3D X330.

➤ *New Product Release: FARO Freestyle3D handheld scanner.*



Synergy Positioning Systems announces the release of the innovative Freestyle3D Scanner from FARO Technologies.

The FARO Freestyle3D is a top-quality high-precision handheld 3D scanner. It quickly and reliably documents rooms, structures and objects in 3D and creates high-definition pointclouds. With unbeatable precision it is suitable for all applications in which installations or properties must be quickly measured from various perspectives.

➤ *FARO Focus Scanners in the news*



The FARO Laser Scanner Focus 3D featured on prime time news recently, described as a "high tech crime fighting tool". ONE News showed how forensic scientists are solving crimes faster by using the laser scanner to recreate crime scenes to an exact scale. To watch the video, [click here](#).

MAGNET Enterprise Mobile app for Apple iPad devices



Gain instant access to your private Company Account within the MAGNET system with MAGNET Enterprise Mobile. This no-cost app for Apple iPad devices features an intuitive dashboard showing status of all projects as well as specific details per project.

[→ MORE INFORMATION](#)

Synergy Support contact information



Support is a hugely important part of the Synergy product and service offer, and one we take very seriously. In this era of high technology equipment, it's important to know that you've got back-up and support from your solution provider when you need it.

If you need support or assistance with product provided by Synergy Positioning Systems, make sure you contact the Synergy Support team by phone on 0800 867 266 or by email at support@synergypositioning.co.nz

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