



News from
12d Solutions



The Dirt Digger



Welcome

...to the latest edition of The Dirt Digger...2021 is already proving itself to be action-packed!

This issue, we'll be featuring:

- **12d Technical Forum 2021 update**
- **Innovation Awards - deadline extended**
- **12d Synergy case study: Byrne Consulting**
- **COVID-19 update**

We look forward to hearing any [feedback](#) or news you might have!

Regards,

Dr Lee Gregory
 Managing Director
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 Technical Director
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12d Tech Forum 2021

As promised, here are the full details for our biggest online event yet...the [12d Tech Forum 2021!](#)

When: **Tuesday 19th-Thursday 21st October 2021**
 Where: Virtual event (**connect from anywhere**)
 Price: **Free (Industry Pass), up to A\$149 +GST**

From grads to seasoned pros and executives, the **12d Tech Forum** is an open training opportunity where you'll learn everything from perspective-shattering innovations to time-saving tidbits - and everyone is welcome!

To tailor the event to your training experience, you'll be able to access two different event passes:

Training Pass: PAID - Full Event and 12 Months On-Demand Access

Industry Pass: FREE - Restricted Keynote Access

From now until 11:59PM on 31st July, we'll be offering special Early Bird pricing of A\$99 +GST (34% OFF) for the complete Training Pass. Don't miss out! Purchase now.

We also have additional discounts for bulk ticketing

purchases (up to 44% off) so your entire team can attend the event. To learn more and take advantage of the Early Bird pricing, click [here](#).

The event will be available both live and on-demand, so it doesn't have to take people 'out of the office' for 3 days. All content from the event will be available to watch on-demand for 12 months after the event from within the platform, and can be watched as part of staff learning and development out of hours – anywhere, anytime.

The **12d Tech Forum** will host 40+ hours of sessions, from inspiring industry keynotes and project case studies, to actionable training content. With talks tailored for engineering & construction professionals - not just 12d operators.

We're aiming for this online event to be as close to the real thing as possible, including spaces to network online for those who can be there live, Open doors, build relationships and meet like-minded individuals through virtual networking with the 12d community, industry leaders and the founders & developers of 12d software.

You'll be able to deep-dive into 100+ technical training sessions with a mixture of content for beginner, intermediate and super users. There'll be five 'Birds of a Feather' streams of Design, Survey, Water, Data Management, and Training. Learn actionable skills and knowledge to take your projects to the next level.

So don't miss out on being among the first to hear about the exclusive announcements and see the new features coming in 12d Model 15 and 12d Synergy 5. Receive a rare insight into the future development of 12d software from the founders themselves!



12d Innovation Awards 2021

We've also extended the deadline for our 2021 Innovation Awards, to align with the new event dates. You've now got until 11:59pm on Sunday 15th August to complete all entries.

Thank you to those who've already submitted your entries! If you need to make changes to those, let us know, or if you have more ideas, keep 'em coming!

PLEASE NOTE: We have personally reached out by email to all those from whom we received entries; if you didn't receive this email, we may not have your entry, so please resend to innovation@12d.com.



Byrne Consultants' Complete Business Solution

Byrne Consultants is an Australian civil engineering consultancy with 40 staff across their Darwin and Gold Coast offices. Founded fifteen years ago, Byrne manage a large range of projects from small rural roads to major highway upgrades. They handle everything from concept design to detailed design, and support contractors in the construction administration space.

Byrne faced the challenge of managing and sharing data across their Darwin and Gold Coast offices; over 3400km in distance.

Their large datasets - particularly CAD and 12d Model projects - restricted their ability to efficiently collaborate across both offices.

They adopted a user-dependent system to manually file and track their data, but this quickly became challenging at the expense of productive and profitable workflows.

As Byrne Consultants' Senior Civil Draftsperson, Kerrie Signorini, explains: "Working across the two offices was challenging with a number of data

sharing inefficiencies.

12d Synergy solved this. We were able to quickly and easily adapt to the COVID workplace restrictions, enabling efficient operations across remote locations and home offices."

Automated Quality Control

12d Synergy enabled Byrne to integrate their offices into a common data environment. This gave them a secure network with a digital audit trail of any updates and changes from all their data: everything from CAD files to Word documents. 12d Synergy's enforced folder structures and file naming also enabled Byrne to implement and retain standardised

QA protocols between both their offices to avoid duplicated, misnamed and misplaced documents.

Collaborative Mobility

Previously, Byrne's staff members were unable to work flexibly or remotely.

12d Synergy streamlined their multi-office collaboration, giving their team the freedom to work seamlessly in the field, on the road, or from home. This also gave Byrne staff the freedom to balance their work-life and family commitments.

As Kerrie explains: "Having two young children, 12d Synergy makes it far easier to work between the office and home. When we travel up to the Darwin office, we can log straight into the system and start working right away."

Full CAD Workflow Management

Without a controlled data environment, Byrne's engineering professionals were at risk of issuing duplicate drawings with outdated data. 12d Synergy transformed Byrne's drawing management by enforcing drafting standards and enabling Xref tracking and audit trails. They were able to integrate their multi-office workflows knowing who is working on each drawing, and when, and importantly, track drawing version history.

Automated Title Block Management

12d Synergy's Title Block Manager has enabled Byrne to automatically update CAD attributes without

opening any DWGs. This has supercharged Byrne's CAD drawing productivity.

"12d Synergy has saved me a lot of time, particularly editing the attributes of over 200+ drawings, which can be done without opening CAD whatsoever," Kerrie says.



infrastructure and size, and they all have various document management systems... there hasn't been one system that's handled everything as well as 12d Synergy."

*Phillip Weightman,
Byrne Principal*

COVID-19 update

Many members of the 12d Solutions team are still working remotely -

Complete Workflow Solution

12d Synergy's complete integration of CAD, 12d Model, Email and Microsoft Office gave Byrne the 'total' solution. 12d Synergy handles every kilobyte of their project data, enabling the workflows of each office to be streamlined into one place.

Competitive Industry Advantage

When multi-million dollar projects, partnerships and opportunities arise, Byrne has the competitive edge by integrating their data with partnering consultants that already use 12d Synergy.

"A number of the larger consultants use 12d Synergy. It gives us a competitive advantage by easily integrating with their systems and providing people that understand 12d Synergy," Byrne Principal Phillip Weightman explains.

Full CAD Management

With 12d Synergy, Byrne's CAD library and standards are centrally accessible and managed - streamlined across their remote offices. This enables them to productively work on their CAD drawings with more automation and less risk.

As Kerrie explains, "controlling CAD with 12d Synergy enables us to confidently manage our CAD drawing production in a more efficient and smarter way."

"Would I recommend 12d Synergy? Absolutely. It'll transform your business. I've worked with a number of organisations that are quite large in

we're meeting in person at our offices from time to time, but, like so many people worldwide, 2020 has really changed the way we work, even into 2021. The health and safety of our team obviously remains top priority.



Due to positive feedback, we've also maintained a primarily online format for our training. Some face-to-face courses have been running in select areas, but the online format is allowing 12d Users in our farthest reaches of the globe an increased opportunity to be involved in many levels of training like never before.

The 12d Synergy team has been back in their office, but with split teams to foster social distancing, and some staff doing a combination of working from home and attending the office. This not only helps with social distancing but also assists with work-life balance.

Our Australian team has thus far stayed safe from the virus itself, but recently one of our 12d family at our reseller in India was hospitalised with it. He's thankfully recovering now, but our thoughts remain with him and all others affected worldwide.

If you're still working from home, just a reminder that there are no 12d Solutions licence restrictions when doing so. Standalone 12d Model dongles can be used anywhere and anytime, and there's no restriction to accessing network licences from outside the office.

As such, there is no restriction on using a VPN, or opening up a port to access your 12d Model network licences from home. If your IT department is unclear on how to proceed, please [contact your local Support team](#) to discuss how we can help.

Welcome Aboard to our New Licences and Upgrades from...

12d Model

2 Develop Urban – Qld
 2Survey – Vic
 360 Surveying – SA
 3D Data Guidance – Qld
 3DS Finza Group – Vic
 4D Surveys – NSW
 4DQ Surveying – WA
 A1 Drafting Services – Vic
 Acciona Coleman Rail Joint Venture – NSW
 Acciona Geotech Group Services – Vic
 Acor – NSW
 Active Survey – NZ
 AD Design and Consulting – Tas
 Adamson Shaw – NZ
 ADG Engineers – NSW
 ADW Johnson – NSW
 Aerasurveyors – NSW
 AECOM – Qld, WA
 Affinity Surveys – NSW
 AGS Mapping – Indonesia
 AJS Surveys – Qld
 AKEL Consulting Engineers – NZ
 Alan Sullivan & Associates – Qld
 Alex Crowe – NSW
 Alexander and Symonds – SA
 Alliant Surveying – WA
 Allroads – Qld
 Alluvium Consulting – Qld
 Anki Group – NZ
 Apex Civil – NZ
 AR & Associates – NZ
 Arcadis – Australia
 Arcos Consulting – NT
 Arete Survey Solutions – NSW
 ARO Industries – Qld
 Asha Engineering – Qld
 Aspect Surveyors – NZ
 Asset Survey Solutions – Vic
 Astrea – NSW
 ATC Williams – NSW
 Atoi Dreise Consulting – Qld
 Auspat Land Survey Australia – NSW
 Australian Utility Solutions – NSW
 Axton Spatial – NSW
 Axis Consultants – NZ
 Ayson & Partners – NZ
 BA Surveys – SA
 Babbage Consultants – NZ
 Barker Ryan Stewart – NSW
 Barlow Shelley Consulting Engineers – Qld
 Barry Hunt Associates – NSW
 Barwon Water – Vic
 Bax Engineering – Qld
 Bay of Plenty Regional Council – NZ
 Be Engineering Solutions – SA
 Bechtel – WA
 Ben Evans – Vic
 Benchmark Surveys – WA
 Bennett & Bennett – Qld
 Beveridge Williams – Vic
 Bereza Civil Surveys – ACT
 BG & E – Qld, WA
 BG Group – Qld
 Bielby Holdings – Qld
 Birzulis Associates – NSW
 BL Civil – Qld
 Bligh Tanner – Qld
 Bloxam Burnett and Olliver – NZ
 Blue Barn Consulting – NZ
 Blue Wallace Surveys – NZ
 Brandon & Associates – Qld
 Bree and Blue – NZ
 Brisbane Airport Corporation – Qld
 BTE Consulting – Qld
 Buckberg Contracting – WA
 Bundaberg Regional Council – Qld
 Burbury Consulting – Tas
 Burchills Engineering Solutions – Qld
 Byrne Consultants – Qld
 CAF Turnkey and Engineering – Spain
 Calculated Surveys – SA
 Calibre Group – NSW, WA
 Callaghan and Toth – Qld
 Cardno – NSW, Qld
 Cardno TSM – Vic
 Cassowary Coast Regional Council – Qld
 Cato Bolam Consultants – NZ
 CDM Smith – Qld
 Centreline – WA
 Charlton Degg – Vic
 Cheal Consultants – NZ
 Chetwin Land Surveying – NZ
 City of Adelaide Council – SA
 City of Busseton – WA
 City of Gold Coast – Qld
 Civil Geospatial Services – Qld
 Civil IQ – Qld
 Civil360 Engineering – Qld
 CivilPlan Consultants – NZ
 Civiltom – Qld
 CivilTEC – NZ
 Clark Fortune McDonald & Associates – NZ
 Coastal Civil Design – NSW
 Coffs Harbour City Council – NSW
 Consone Consulting – NT
 Context Engineering – Qld
 Contour Consulting Engineers – Qld
 Cook Costello – NZ
 Cook Shire Council – Qld
 Copper Coast Council – SA
 Cormac Rd Civil – Qld
 CPB Contractors – NSW, Qld, Vic, NZ
 Craig and Rhodes – NSW
 Craig McAllister – Qld
 Craig Varrow Surveying – NZ
 Creo Consultants – Vic
 Crossland and Hardy – WA
 Crushing Services International – WA
 Cuttriss Consultants – NZ
 CWD Group – Qld
 D & C Civil – Qld
 DAC Projects – Vic
 Daniel Telford-O'Donnell – Qld
 DBD Environmental – NSW
 De Groot and Benson – NSW
 De Nada Engineering Surveys – WA
 Degotardi Smith & Partners – NSW
 Dempsey Wood – NZ
 Department of Defence – Army CISO – NSW
 Department of Transport and Main Roads – Qld
 Development Nps – NZ
 Digital Surveying Solutions – WA
 Dixon Surveying – NSW
 Downer – NZ
 Downer NZ - Whakatipu Alliance – NZ
 Downes Group – Qld
 DPH Surveys – WA

Dryside Engineering – SA
 DTS Group – Qld
 Durgoo Shire Council – NSW
 Durkin Construction – NSW
 Dykman Consulting – Qld
 EDQE (Civil) – Qld
 Edgelog Engineering – WA
 Eire Constructions – NSW
 Elevation Company – NZ
 Elite Survey – NSW
 Engage Consulting Engineers – Qld
 Engineering and Mining Surveys – Qld
 Engineering Design Global Enterprise – Qld
 Engineering Geology – NSW
 Engineering Solutions – Qld
 Engineering Surveys – SA
 Engrade Group – Qld
 Enspire Solutions – NSW
 Envelope Surveying – NZ
 Envivo – NZ
 EPS Consulting Group – NZ
 ESO Surveyors – NSW
 Eurobodalla Shire Council – NSW
 Everest Consultants – NZ
 Exegen – Qld
 Ferg and Roeds – Qld
 Ferrovial Construction – NSW
 Flat Out Surveying – Vic
 Flow Defence – Qld
 Fortescue Metals Group – WA
 Fox Geospatial – Vic
 Fredriksen Maclean & Associates – Qld
 Friends Civil Engineering – Qld
 Full Circle Surveyors – Qld
 Fulton Hogan Group – NSW, Qld, Vic
 Fyfe – Qld
 Gandy and Roberts – Tas
 Gassman Development Perspectives – Qld
 GCA – NSW
 Geleon – Qld
 Geosurv – NSW
 Geoworks – NZ
 Gertzel Engineering Surveyors – Vic
 GM-CCS – Qld
 GR Engineering Services – WA
 Greater Shepparton City Council – Vic
 Greenfield Technical Services – WA
 Grey Bull Surveys – SA
 Ground Developments – UK
 Hail Creek Coal – Qld
 Hall Contracting – Qld
 Halls Fripp Surveying – Qld
 Haro Designs – Qld
 Harrison Grierson – NZ
 Hatch – Qld
 Hawkeye Services – NSW
 HCE Engineers – Qld
 Heading & Associates – Vic
 Heaphy Surveying – NZ
 Higgins Contracting – NZ
 Hole Development – NZ
 Hydro Electric Corporation – Tas
 i Consulting – Qld
 ICD Asia Pacific – NSW
 Indesco Consulting Engineers – ACT, NSW
 Inertia Engineering – Qld
 Infinity Surveys – NSW
 Infra-Struct Group – Qld
 Infraology – WA
 Infrastructure Nation – NSW
 Inovo Projects – NZ
 Inspire Consulting – NSW
 Integral Surveys – NSW
 Ipswich City Council – Qld
 JAC Surveyors – Vic
 Jacobs Group – Qld, WA
 JCA Land Consultants – Vic
 JCO Consultants – NSW
 JFP Urban Consultants – NSW
 Jimmy Davies Civil Design and Drafting
 JJ Civil – WA
 JME Civil – NSW
 John Holland – NSW, Qld, Vic
 John Holland CPB Ghella JV – NSW
 John Stafford West – NZ
 Jones Nicholson – NSW
 JRKama – Qld
 Juffermans Surveying – NZ
 Jurvich Surveying – WA
 Kaka Surveying – NSW
 KCB Australia – Qld
 Kercheval Engineering Australia – Vic
 Keystone Consultants – Fiji
 Kings Kamchang 2014 Co. – Thailand
 Klopfer Dobos – Vic
 Kroeber Engineers – Qld
 KR Surveys – WA
 Kumpulan Semesta – Malaysia
 KW Consultants – NZ
 Laing O'Rourke – WA
 Lambert and Reibheim – Qld
 Land Design – WA
 Land Dimensions – NZ
 Land Dynamics Australia – NSW
 Land Matters – NZ
 Land Surveys No Problems Just Solutions – NSW, Vic, WA
 LandLink – NZ
 LandPartners – NSW
 Landpro – NZ
 Langtree Consulting – Qld
 LCG – NSW
 LD Eng – Vic
 Leigh Surveyors – Qld
 Lendlease – NSW, Qld, Vic
 Lendlease Engineering Acciona Coleman Rail JV – Vic
 Lim Surveyors – NZ
 Lindsay Dynan – NSW
 Linke and Linke – NSW
 Locates – NSW
 Logan City Council – Qld
 Lonergan Surveying – ACT
 Lund Survey and Civil – Qld
 Lynton Surveys – NSW
 Lysight Consultants – NZ
 Machine Enterprise – Qld
 Mackay Regional Council – Qld
 Macquarie Survey – NSW
 MacroVentures – NZ
 MakerEng – NSW
 MAVA GE-DESIGN-ENGINEER (MDE) – Qld
 Masters Surveying – NSW
 Matt Monk – NSW
 Maven Associates – NZ
 McCallum Surveys – WA
 McCormick Rankin Cagney – Qld
 McDonald Surveys International – WA
 McKenzie & Co. Consultants – NZ
 McKinlay Surveyors – NZ

McMurtrie Consulting Engineers – Qld
 Michael Crane – Qld
 Milanovic Neale Consulting Engineers – NSW
 Millar Merrigan – Vic
 Milward Finlay Lobb – NZ
 Mine Earth – WA
 MinStaff Survey – Qld
 Mohammad Rahman – NSW
 Moreton Bay Regional Council – Qld
 Mott MacDonald – NSW, Vic
 Mueller Surveying – NSW
 Multi Surveying – NSW
 MVR Surveys – Vic
 Neil Construction – NZ
 Neilly Group – Qld
 Newton Denny Chapelle – NSW
 North Projects – NSW
 Northern Hills Drafting – Qld
 Northrop Engineers – NSW, Qld
 NTCADS – Tas
 NTS Group – Qld
 Onsite Surveying – NSW
 Origin Engineering Surveyors – Qld
 Orion Consulting Engineers – NSW
 Orogen – NZ
 Owen Consulting – Qld
 Oz Geos – Vic
 Pacific Survey – NSW
 Paterson Pitts Limited Partnership – NZ
 P&J Jacut – Qld
 Pavement Management Services – NSW
 PEAKURBAN – Qld, Vic
 Phronis Consulting – Qld
 Pilbara Surveys – WA
 Pinnacle Survey – NZ
 PLANIT Engineering – NSW
 Playa Del Carmen – Qld
 Pomelo Consulting – NSW
 Port Nelson – NZ
 Precinct Land Consultants – Vic
 Precise Spatial Services – NSW
 Precise Surveys – WA
 Precision Enterprises – WA
 Premise Group Services – Qld
 Project Delivery Partners – Qld
 Promontory – NZ
 PT Anman Mineral Nusa Tenggara – Indonesia
 PT Kalimantan Prima Persada – Indonesia
 PT Kideco Jaya Agung – Indonesia
 PT Kimco Energy Utama – Indonesia
 PT Pama Persada Nusantara – Indonesia
 Quadrant – NZ
 Quadrante – Portugal
 Queensbay-Palerang Regional Council – NSW
 Queensland Rail – Qld
 Queensland Survey Drafting – Qld
 Queensland Surveying Solutions – Qld
 Quest Surveys – NSW
 Quickway Constructions – NSW
 R&R Design – NSW
 R2 Consulting – NZ
 RAC Tourism Assets – WA
 RAD Surveying – NZ
 Rail Infrastructure Alliance – Vic
 Rail Projects Victoria – Vic
 Rajamangala University of Technology Krungthep – Thailand
 Raster Co. – NZ
 Real Time Survey Solutions – NZ
 Realsurv Engineering Surveys – NSW
 Recruitment Engineering Services – Qld
 Red Earth – NSW
 Red Fox Advisory – Qld
 Redland City Council – Qld
 Regional Management Group – Vic
 Reymburn and Bryant – NZ
 Rio Tinto – WA
 Rivo Rivo – Vic
 Road and Civil Surveys – NSW
 Road Resources – Qld
 Roads and Maritime Services – NSW
 Robson Civil Projects – NSW
 Roesser and Hamilton Consulting Engineers – Qld
 Ross Nimmo – NSW
 Roy Hill Holdings – WA
 RPC – NZ
 RPS – Qld
 Ruby Developments – NSW
 Samana Blue Engineering – Qld
 Schick Construction – NZ
 Scope Surveying – NSW
 SCP Consulting – NSW
 Sea Spirit Lifestyle Communities – NSW
 Seymour Whyte – NSW, Qld
 Shadforth's Civil – Qld
 Simmons Civil – NSW
 Sino-Thai Engineering and Construction – Thailand
 SJE Consulting – NSW
 SLR Consulting Australia – NSW
 SMEC – NSW, Qld
 Southern Horizons Survey – NZ
 Southern Land – NZ
 Spire – Vic
 SportEng – Vic
 Sterling and Wilson Solar Australia – NSW
 Stevenson Surveys – Qld
 STP Consultants – Qld
 Summit Survey – NZ
 Sunrise Surveying – Qld
 Sunshine Coast Council – Qld
 Sunshine Coast Drawing Office – Qld
 Superior Surveys – WA
 Survey 3D – Qld
 Survey Group – WA
 Survey Wox – NZ
 Surveying and Positioning Solutions – NSW
 Surveying Services – NZ
 Surveying Solutions Australia – Qld
 Surveyors @ Work – Qld
 Sydney Survey Management – NSW
 TABEC – WA
 Taylors Development Strategists – Vic
 Technical Spatial – NZ
 Terra Group – NZ
 Taramark – NZ
 Territory Project Management – NT
 Tetra Consulting – Qld
 Tetra Tech Proteus – WA
 The Bathia Group – NSW
 The Carnos Group – NSW
 The Surveying Company – NZ
 Thomas Consultants – NZ
 Titus Consulting Engineers – NZ
 Tomkinson Group – Vic
 Tonkin Consulting – NSW
 Trafficworks – Vic
 Transport for NSW – Parramatta, Sydney, Wollongong
 Trinity Engineering and Consulting – Qld
 Triple Star Management – NZ

Tripp Andrews Surveyors – NZ
 TSS Total Surveying Solutions – NSW
 Turnbull Engineering – NSW
 UNA Projects – Qld
 Usher & Company – NSW
 Utility Mapping (Aust) – Vic
 Van Der Meer Consulting – Qld
 Vector Survey – Vic
 Veris Australia – NSW, Qld, Vic, WA
 Verve Projects – Vic
 VFT Engineering Surveyors – NSW
 Virvius – Qld
 Vitruvius – NZ
 Wagner Corporation – Qld
 Wallbridge Gilbert Aztec – SA
 Watson Civil Surveys – Qld
 Waverley Council – NSW
 Webuild – NSW
 Western Earthmoving – NSW
 Westlake Punnet & Associates – NSW
 Whitsunday Regional Council – Qld
 Wigley and Roberts – NZ
 Willow and Sparrow – NSW
 Wilson Contractors – NZ
 WIM Engineering Surveyors – NSW
 Wolter Consulting – Qld
 Wood and Grieve – WA
 Wood & Partners – NZ
 Wood Australia – Vic
 Woodward Land and Civil – Vic
 Worley – Qld, WA
 WRM Water and Environment – Qld
 WSP – NSW, Qld, NZ
 WW Surveys – Qld
 Xavier Knight – NSW
 Xeros Piccolo Consulting Engineers – NSW
 Yeomans Survey Solutions – NZ
 Zone 50 Engineering Surveys – WA
 Zorn Surveying – NZ

12d Synergy

Acciona – Australia
 Accor Consultants – NSW
 AD Design and Consulting – Tas
 AECOM – Australia
 Arcadis – Australia
 Baseline Group – NZ
 Beveridge Williams – Vic
 BG & E – Australia
 Blue Barn Consulting – NZ
 BMD Group – Qld
 BTW Company – NZ
 Byrne Consultants – NT
 Cardno – Qld
 Cato Bolam Consultants – NZ
 CGW – NZ
 Charter Keck Cramer – Vic
 Cheal Consultants – NZ
 CKL – NZ
 CLC Consulting Group – NZ
 Cogswell Surveys – NZ
 Contour Consulting Engineers – Qld
 Cook Costello – NZ
 CPB Associates – Qld
 CPB Contractors – Australia
 Creo Consultants – Vic
 Dalton Consulting Engineers – Vic
 Daly Smith – NSW
 Darcos Group – NSW
 Davin Ogilvie – NZ
 Department of Transport and Main Roads – Qld
 ESO Sinclair – NZ
 ESO Surveyors – Australia
 Flat Out Surveying – Vic
 Fulcrum CAD – NZ
 Fulcrum Consulting – Australia
 Fyfe – Australia
 GBA Consulting Engineers – Qld
 Geoworks – NZ
 GMC Surveying – Qld
 Goodearthmatters – NZ
 GPR Consulting – Vic
 Graham Surveying – NZ
 Greenfield Technical Services – WA
 Haro Designs – Qld
 Hatch – Australia
 Inceva – WA
 Ipswich City Council – Qld
 J Wyndham Prince – NSW
 John Holland – Australia
 Kingston Partners – NZ
 KWC Consultants – NZ
 Land Matters – NZ
 Landpro – NZ
 Logan City Council – Qld
 Mainland Surveying – NZ
 McKenzie & Co. – NZ
 McMurtrie Consulting Engineers – Qld
 MinStaff Survey – Australia
 Mott MacDonald – Australia
 Mt Messenger Alliance – NZ
 MTL – NZ
 Neil Group – NZ
 NOMA Consulting – Australia
 Orion Consulting – Australia
 Orogen – NZ
 Paterson Pitts Group – NZ
 PEAKURBAN – Vic
 Pintihai – NZ
 Pitt and Sherry – Australia
 Precinct Land Consultants – Vic
 Project Partners – Qld
 RAD Surveying – NZ
 Real Time Survey – NZ
 Resource Design and Management – NSW
 Riley Consultants – NZ
 RKF Engineering Services – NSW
 RPC Land Surveys – NZ
 SCP Consulting – NSW
 Southern Land – NZ
 SportEng – Vic
 Stratum Consultants – NZ
 Sunrise Surveying – Qld
 Surveying Services – NZ
 Surveyors @ Work – Qld
 SWAN Analytical – NSW
 Te Ahu a Turanga – NZ
 Te Aranga – NZ
 Terra Consultants – NZ
 The Carnos Group – NSW
 Tonkin & Taylor – NZ
 Trans4m Rail – NSW
 Turnbull Engineering – NSW
 Verve Projects – Vic
 Vitruvius – NZ
 Wakatipu Transport Programme Alliance – NZ
 Woods – NZ

12d® Model

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12d Synergy Enabled