



News from
12d Solutions

The Dirt Digger



Welcome

...to the **March 2013** issue of the **Dirt Digger**.

We've been so busy since our last issue that we're just bursting with news for this exciting new year!

In this issue we will look at:

- **Review: 2012 User Conference**
- **2012 Innovation Awards**
- **Free 12d Model 10 Water Seminars**
- **Update: 12d Synergy**
- **Dwayne's honourable donation**
- **ADAC on the way**
- **12d Model 10 rollout and courses**
- **Get it first on social media**
- **Coming soon: 12d Model Macro training**

We look forward to hearing any feedback or news you might have.

Regards,

Dr Lee Gregory
Managing Director

Mr Alan Gray
Technical Director

12d Model International User Conference 2012

Our 2012 12d Model International User Conference, which was held on 29-31 July at the Brisbane Convention Centre, was a resounding success. Over 430 people attended!

Thank you to those who presented papers covering all areas of surveying and civil design – your contributions were a vital part of the Conference's success. Also a special 'thank you' to our wonderful sponsors – Brown Smart Consulting and C.R. Kennedy.

Feedback from Conference Evaluations has been almost invariably positive. We will endeavour to utilise as many user suggestions as possible in planning the 12d Model User Conference 2014 (plans are already underway!).

Delegates should by now have received their certificates and Conference DVDs; if you attended and have not received yours, please email conference@12d.com.

Inspiration and Innovation

We were blown away by the success of the inaugural 12d Model Innovation Awards. The aim of the Awards was to hear and share stories of how 12d Model is being used by 12d Modellers, who are, in our opinion, world leaders in best practices in the industry. This goal was well and truly achieved.

From humble beginnings over 20 years ago, 12d Model has evolved into a diverse product. We are amazed at how innovatively 12d is being used. The Awards entries showed that what many entrants deem to be 'standard' is actually quite advanced for the industry.

The top prize was a tie between Sam Cech of Eliot Sinclair & Partners and the entire Stronger Christchurch Infrastructure Rebuild Team (SCIRT), also including Sam Cech as well as Adam Churchill, Charlie Dickson, Nigel Weston and Rosman Abdullah (for more on SCIRT, see [here](#)).

In second place was Paul Mashford from Sinclair Knight Merz, and third place was a tie between Brent Gordon from Dalton Consulting Engineers and Dwayne Honor from Bundaberg Regional Council ([click here](#)).

FREE V10 Water Seminars

The 'What's New in 12d Model 10 Water' seminars are starting in Perth, Brisbane and Melbourne in April. These free seminars cover the new time-saving tools in 12d Drainage, including the new TUFLOW integration, Culvert Designer and RoadFlow. For more information, please click [here](#).



Update 12d Synergy

A sneak preview of 12d's latest product – 12d Synergy – was shown at the 12d Model International User Conference 2012. 12d Synergy is a data management and project collaboration tool which runs completely independently of 12d Model.

This new product has wide-ranging uses within an organisation, and is not designed to be solely used by technical staff.

12d Synergy will house your entire job: folders, files, tasks and even relevant email correspondence, creating a single repository for all important information, creating a single source of truth.

File and folder management features include:

- Check In/Check Out – a user checks out a file, works on it and checks it back in. During the check-out process, no other user can make changes to the master file. This reduces duplication of files and keeps a history of changes.
- Metadata (attributes) can be used throughout files, folders and projects within 12d Synergy. This helps with advanced searches and can be passed through to 12d Model projects.
- Predefined file naming rules to ensure compliance with your internal processes, reducing ambiguity and increasing consistency.
- Visibility and access – this is not limited to files and can be applied to projects and folders within 12d Synergy; users are granted access rights or privileges and can see who has been working on files, when the last modification occurred, *etc.*
- Customisation – 12d Synergy can be customised to support company processes, including synchronisation with external software, such as accounting packages that provide up-to-date information about new or ongoing jobs.
- File Content – the content of files such as PDF and Microsoft Office files can be searched.

Another great feature of 12d Synergy is the running commentary that occurs for your

actions. Most actions performed require a comment, and this is saved in the history area and when a user is reviewing a file, they can view the file history. Alternatively, anyone linked to a job, folder or file can receive push notifications via email when an action has occurred.

An exciting feature is our Task area, which allows the user to manage tasks and link them to a job, matching how we work day-to-day.

Stay tuned for upcoming free 12d Synergy seminars...

Dwayne's honourable donation

After the 12d Model Conference, we were chatting with Innovation Awards winner Dwayne Honor to discuss his prize and discovered that Dwayne is donating the prize money to his former high school in the rural town of Gin Gin in Queensland, to establish a perpetual award to encourage students from regional areas into science and engineering.

On top of his prize money, Dwayne donated \$1,000 of his own income, and this was matched by 12d Solutions.

Dwayne is also an alumnus of CQ University, and is the youngest engineer yet to be appointed to the board of the CQ Branch of the Institute of Public Works Engineering Australia.

Well done, Dwayne!



ADAC on the way!

ADAC (Asset Design and As Constructed) is a Queensland local government and Institute of Public Works initiative to develop standards and a transfer format (ADAC XML) for recording assets.

12d Solutions is working with Queensland Councils on the work flows within 12d Model to quickly create Asset Design ADAC data from the 12d Model design, and for using 12d Model Survey methods to pick up the As Constructed data, with or without the original 12d Model design. 12d Model will also allow the ADAC information to be entered with no design or survey inside 12d Model.

Using any combination of these procedures, the ADAC information is collected within 12d Model and then the ADAC.xml file generated for submission to Council.

We are currently producing ADAC.xml test files, for both ADAC version 4.0 and 4.1, and sending them off for independent verification.

Stay tuned...



12d Model 10 rollout and courses

12d Model 10 has now been shipped throughout Australia and New Zealand. The new features include Components, Snippets, Apply Many Manager, Timelines, GIS Interface, 12d Field and 12d Drainage enhancements including RoadFlow and integration with TUFLOW. Videos on the new features are continually being added to the 12d web site (click [here](#)).

'V10 Design Upgrade' courses are underway in various locations, and in future 12d Model training courses will be given in Version 10. Customers on Maintenance who have not received a V10 Upgrade Kit should [email](#) to confirm the best address for sending the Kit.

12d social media - get it first!



In the past, the Dirt Digger and the 12d web site were the primary methods that 12d used to distribute information. The introduction of social networking has allowed 12d to send more frequent bursts of important information. Recently there has been an overall increase in activity, particularly on YouTube and LinkedIn.

Our main objective in implementing social media was to provide quality useful content in an efficient manner. The ever-evolving online world allows us to impart valuable information quickly through social media. So you can "get it first on social media" and gain lightning-fast access to the most valuable material we have created.

LinkedIn has been playing the vital role of keeping job-seekers up to date with the consistent flow of 12d roles in the marketplace. It has also encouraged industry-based discussions that have allowed participants to keep up with events and product developments.

Both 12d Solutions and our NSW Distributor, ExDS, have been quite active in creating and uploading informative and highly useful videos to YouTube.

ExDS created the '12dTrainer' channel on YouTube. This channel currently consists of 132 short 'how to' videos...and counting! Be sure to subscribe to the channel.

The '12dModelSoftware' channel currently has 20 'What's New In 12d Model 10' videos which aim to better explain some of the new functionality within the latest version. We will also be sure to upload other goodies, including more from the 2012 12d Model International User Conference.

Our aim is to create material that you are interested in, so if you have any ideas of videos or content that you would like to see, email simon.tokic@12d.com today.

Coming soon: 12d Macro courses

Due to popular demand, Dr Lee Gregory is writing a new 12d Model Macro Programming course, to be given as public and in-house sessions. If you are interested in attending a 12d Macro course, please email training@12d.com.

Sales & Support

AUSTRALIA

NSW, ACT & SA

Extra Dimension Solutions

admin@exds.com.au

Ph. (02) 9452 6771 (Sales)

(02) 9453 9449 (Support)

WA - Design

Critical Image/12d WA

wa.sales@12d.com

Ph. 0411 601 066 (Sales)

(08) 9574 6816 (Support)

WA - Survey

12d Solutions

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VIC & TAS

12d Victoria

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Ph. (03) 9005 7626 (Sales & Support)

QLD & NT

12d Queensland

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Ph. (02) 9970 7117 (Sales)

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UK, EUROPE, MIDDLE EAST & AFRICA

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12d Asia

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Ph. +65 9026 0402 (Sales & Support)

JAPAN

Forum8

anita@forum8.co.jp

Ph. +61 2 9130 1448 (Sales)

FIJI

Lukemine Enterprises

lukemine@connect.com.fj

Ph. +679 337 0858 (Sales)

OTHER REGIONS

12d Solutions

info@12d.com



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

- A-Line Consulting – NSW
 A & C Surveys – NZ
 AAM Group – WA
 Abigroup Limited – NSW, Qld, Vic, WA
 Acor Appleyard Consultants – NSW
 Acor Consultants – NSW
 Advantage Civil - WA
 ADW Johnson – NSW
 AECOM – NSW, Qld, WA, NZ
 AgSystems Design - Vic
 Al Saqr Transportation Est. – UAE
 Alex Herrmann – Qld
 Allroads Pty Ltd – Qld
 Alluvium Consulting – Qld
 Alpha Civil and Engineering Surveys – WA
 AM Civil Design - Qld
 Anchor Consulting - NZ
 Apex Surveying - NZ
 Arup – NSW, Qld
 Asset Mapping and Surveying – NSW
 ATC Williams – Qld, Vic
 Aurecon Group – Qld, NSW, NZ
 Auscan Design – Canada
 Ausenco – Qld
 Auspat Australia – NSW, Qld
 Ausurv - NT
 Australian Survey Hire - Qld
 AWJ Earthmoving - NSW
 B T W South Ltd – NZ
 Banks Engineering Consultancy 2004 – NZ
 Bateman Engineering - WA
 Bauer Field – Qld
 Baulderstone – Qld
 BCL Surveyors Ltd – NZ
 Beasley and Burgess Surveyors – NZ
 Beca – Vic, NZ
 Bennett + Bennett - Qld
 Benchmark Engineering Surveys - NSW
 Bereza Civil Surveys – ACT
 Beveridge Williams – Vic
 BG & E Consulting Engineers – Qld, WA
 BGC Contracting – WA
 Bill van den Berg Surveying – NZ
 BJ Survey - Qld
 Bland and Howarth - NZ
 BMD Group – Townsville, Brisbane
 Boland Survey and Design - Qld
 Bonacci Group Pty Ltd – Qld, Vic
 Boxall Surveyors - NSW
 BPA Engineering - WA
 Brandon & Associates – Qld
 Breese Pitt Dixon – Vic
 Brisbane City Council – Qld
 Brock & Associates – Qld
 Brown Consulting (Aust.) – ACT, NSW, Qld, Vic
 Bundaberg Regional Council – Qld
 Calibre Projects – WA
 Calibre Rail – WA, Qld
 Canberra Institute of Technology - ACT
 Candor3 – NZ
 Cardno – NSW, Qld, Vic, WA, NZ
 Cato Bolam Consultants – NZ
 Central Goldfields Shire Council – Vic
 Central Highlands Regional Council – Qld
 Central Surveys Ltd – NZ
 Central Systems – WA
 Charles Barnes & Partners - NSW
 Cheal Consultants – Fielding, Taupo
 Citywide Service Solutions - Vic
 Civil Engineering and Construction Surveys - Qld
 Civil Services (HB) Ltd – NZ
 Civil Solutionz Ltd – NZ
 CJ Porter Surveys – Qld
 Clark Land Surveyors – NZ
 Coastwide Surveys - NZ
 Cook Costello Consultants - NZ
 Conway Burrows Hancock - NSW
 Cossill and Webley – WA
 Costin Roe – NSW
 CPG – Vic
 Craig and Rhodes – NSW
 Crossco Consulting – Vic
 Cullen and Couper - Qld
 Custom Spatial Solutions – SA
 Cuttriss Consultants Ltd – NZ
 Dalton Consulting Engineers - Vic
 Daracon Group – NSW
 Dararath Theam – WA
 Davie Lovell Smith – NZ
 De Nada Engineering Surveys – WA
 Dennis Price and Miller – Vic
 Development Engineering Consultants – WA
 DKS Consulting - Qld
 DM Gerloff & Associates - WA
 Downer EDi Works Pty Ltd – NZ
 DPTI – SA
 Dubbo City Council – NSW
 E & F Consulting – Vic
 e2 Environmental – NZ
 Earthbrooke View – NZ
 East Coast Pipeline - Qld
 Eliot Sinclair & Partners – NZ
 Emerson Stewart – WA
 Empire Engineering – Qld
 Engenium Pty Ltd – WA
 Engeny – Vic
 Engineering Surveys – SA
 Entura – Qld
 Ertech Pty Ltd – WA
 ESO Surveyors – NSW
 Etec Consultants – WA
 ETS Group – Qld
 Far North Holdings - NZ
 Fastnet Engineering Services – WA
 Fluor Australia Pty Ltd – WA
 Fortescue Metals Group – WA
 Fredriksen MacLean & Associates - Qld
 GEO Image Services – NSW
 Geo-Metric Surveying – NSW, Qld
 George Bourne & Associates – NT
 GHD – Qld, Brisbane, Brisbane DMZ, Melbourne Rail Project
 Gillman Wheelans – NZ
 GM-CCS – Qld
 GR Engineering Services – WA
 Greenfield Technical Services – WA
 Ground Developments – UK
 GTA Consultants - Vic
 Haigh Consultants Ltd – NZ
 Halls Fripp Surveying – Qld
 Hard and Forester – NSW
 Harper Somers O'Sullivan – NSW
 Hawker Moss Surveyors – WA
 Heb Contractors - NZ
 Hewatt Earthworks – ACT
 Hille Thompson and Delfos – WA
 Holden Surveying - Qld
 Hopkins Consultants - NSW
 Horizon Surveys - WA
 Hughes Trueman – NSW
 Hunter Civil and Technical Services – NSW
 Hyder – Qld, NSW, Vic
 Ian Brown Associates - NZ
 Indesco Consulting Engineers – ACT
 Inglis Survey and Mapping - Qld
 Insight Survey - WA
 Integran - Qld
 Intelara – Qld
 Ipswich City Council – Qld
 Irwinconsult – Vic
 J. Wyndham Prince – NSW
 JDSi Pty Ltd – WA
 Jones & Associates - NZ
 Jones Nicholson - NSW
 Juffermans Surveying - NZ
 Kehoe Myers – Qld
 Kellogg Brown and Root – WA, Qld
 Kempsey Shire Council – NSW
 Kerry Surveys – ACT
 Kingston Surveys – WA
 KK Surveyor – Qld
 Lamb and Molloy Ltd – NZ
 Lambert and Rehbein - Qld
 Land Surveys No Problems Just Solutions – WA, Mackay
 LandLink - NZ
 Landmark Surveys - NSW
 Larpro – Qld
 Leighton Abigroup JV – Qld
 Leighton Contractors – NSW, WA, Qld
 Local Government Engineering Services – NSW
 Logan City Council – Qld
 Lyall & Associates – NSW
 Lycopodium Engineering – WA
 Lynton Surveys Pty – NSW
 Lysaght Consultants – NZ
 McConnell Dowell – Qld, NZ
 MacDonald International - NSW
 Mackay Regional Council – Qld
 Mackay Surveys – Qld
 McKay Knarston Consultants - NZ
 McMahon Services – SA
 McPhan Civil Surveys - NSW
 Maddocks & Associates - Qld
 Martens & Associates – NSW
 MCM Design and Management – Vic
 Meridian Surveys - NSW
 Millar Merrigan – Vic
 Mine Survey Services – WA
 MinStaff Survey – Qld
 Mir Akbar – Vic
 MLEI Consulting Engineers – SA
 Monteath and Powys – NSW
 Mortons Urban Solutions – Qld
 MPA Surveying – Qld
 MPF Surveying – NSW
 MPM Development Consultants – WA
 MS Design and Drafting – Vic
 Multi Surveying – NSW
 MW Civil Design – WA
 MWH New Zealand – NZ
 Neil Construction – NZ
 Newell Engineering Group – Qld
 Northrop Engineers - NSW
 Northern Consulting Engineers - Qld
 Ochre West Consulting Engineers - WA
 Opus – Qld, NZ
 Ostwald Bros Civil – Qld
 Pacer Engineers – WA
 Pacific Survey – NSW
 Parsons Brinckerhoff – NSW, Qld, Vic
 Paterson Pitts Partners – NZ
 PDM Surveys - Qld
 Peachey Constructions - Qld
 Peter Hill Consulting Engineers - WA
 Philip Xeros - NSW
 Pirie Surveying Ltd – NZ
 Portarlington Holdings - NZ
 Precision Survey Group – NSW
 Pritchard Francis – WA
 Probuild Civil (QLD) – Qld
 Projex Partners – Qld
 ProMet Engineers – WA
 ProSurv Pty Ltd – NSW, Qld
 Proteus EPCM Engineers – WA
 PT Energi Batubara Lestari – Indonesia
 PT Kalimantan Citra Bara - Indonesia
 PT Kideco Jaya Agung – Indonesia
 PT Pama Persada Nusantara – Indonesia
 PT Saptaindra Sejati – Indonesia
 PT Tambang Batubara Bukit Asam – Indonesia
 Public Transport Authority – WA
 Pulver Cooper and Blackley – NSW
 Queensland Department of Transport and Main Roads – Qld
 Queensland Rail – Qld
 Queensland Surveying Solutions – Qld
 Quintec Survey Solutions – NSW
 Rangitikei District Council – NZ
 Ray Surveys – ACT
 Reeds Consulting - Vic
 Reyburn and Bryant – NZ
 Riley Consultants - NZ
 Rio Tinto – WA
 Roads and Maritime Authority – NSW
 Robson Civil Projects – NSW
 Rose Atkins Rimmer - NSW
 Rowlands Surveys Pty Ltd – Qld
 RPC – NZ
 RPS – Brisbane, Cairns, Gladstone, Mackay, Sunshine Coast (Qld), NSW, WA
 Schick Construction - NZ
 Schlenker Surveying – Qld
 SCIRT – NZ
 SEE Civil – NSW
 Shadforth's Civil Contractors - Qld
 Shillong Design - Vic
 Sinclair Knight Merz – Adelaide, Brisbane, Cairns, Perth, Melbourne, Sydney; Auckland, Wellington
 SKS Surveys – SA
 Smart Civil - NSW
 Smart Projects Limited – NZ
 Sommerfeld Jensen Campbell - Qld
 South Burnett Regional Council – Qld
 Spatial Engineering Consultants - NZ
 Staig and Smith - NZ
 Spiire New Zealand - NZ
 Straight Line Surveying - NZ
 Subdivisions (Qld) - Qld
 Sunshine Coast Regional Council – Qld
 Surex – NSW
 Survey Dynamics – WA
 Survey Group – WA
 Survey Insight Ltd – NZ
 Survey North – WA
 Surveying The Bay - NZ
 Sydney Water – NSW
 TABEC – WA
 Tate Professional Engineers - Qld
 Techno Engineering Services – Abu Dhabi
 TGM Group – Vic
 The Civil Group – WA
 The Isaac Construction Co. - NZ
 THG Resource Strategists – Qld
 Thiess – NSW, Qld; Indonesia
 Thiess John Holland – Qld
 ThinkSpatial – Vic
 Thornton and O'Meara - NSW
 TMK Consulting Engineers – SA
 Tomlinson and Carruthers Surveyors – NZ
 Tonkin and Taylor Group – NZ
 Tony Rose Surveying – NSW
 Toowoomba Regional Council – Qld
 Traffic Design Group - NZ
 TSS Total Surveying Solutions - NSW
 Top Energy Group - NZ
 TWP Australia – WA
 UDP Consulting Engineers – Qld
 Urban Resources – WA
 URS – NSW, Qld
 VDM Group – WA, Qld
 VFT Engineering Surveyors – NSW
 Wagner Development Consulting - Qld
 Wallbridge and Gilbert - SA
 Warwick Hutchings – NSW
 Water Technology – Qld, Vic
 Wharehine Group – NZ
 Wheelans Survey and Mapping Group – WA
 Whitehorse Constructions - NSW
 Wilkinson Shaw & Associates - Qld
 Wilson Survey Group (Qld) – Qld
 Wood and Grieve – WA
 Wood & Partners – NZ
 Woodside Energy – WA
 WorleyParsons – WA, NSW, Vic, Qld
 Yeoman & Associates – NZ

