

EVENT AGENDA

12d[®] Tech Forum 2026

26–28 July
Brisbane



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Theme: Building the Future

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Day 1 Sunday 26 July

8:00 – 9:45am		Arrival and Registration – Tea and Coffee				
9:45 – 11:45am		Main Stage		Presenter		
Session 1	12d Model Highlights & What's Coming Accelerated Graphics Overview 12d Synergy Updates Ōtaki to North Levin (Ō2NL) - 12d Drainage & Metaconnex for AMDS	Lee Gregory and Alan Gray Alan Gray Joel Gregory and Richard Stoliar Rosman Abdullah				
11:45am – 12:15pm		Morning Tea Break (30 mins)				
12:15 – 1:30pm		Design Room	Water Room	Survey Room	Information Management Room	Training and Special Interest Room
Session 2 Birds of a Feather	12d Culverts Pavement Management Updates From Construction Data to Digital Asset: Delivering As Constructed BIM	New Stars in the 12d Model Water Universe Quick Stormwater Design Infiltration Tabular Water Editor Node Riser Editor	12d Field Overview Polyfaces, Polymeshes and Trimeshes General Conformance and QA Top and Bottom TIN from Trimeshes	12d Synergy Forms BIM Viewer and Issue Tracker Power BI and 12d Synergy Overview of Migrating to V6	Macro Support Group Compiling, Editing, Containers and Shutdown	
1:30 – 2:30pm		Lunch Break (60 mins)				
2:30 – 3:45pm		Design Room	Water Room	Survey Room	Information Management Room	Training and Special Interest Room
Session 3 Birds of a Feather	What's New for MTF Practical Examples of MTF Bent Sections BIM Object Map File MetaConnex for Design	Water Plan Plot Node Connection Points Shared Socioeconomic Pathways Tabular Water Editor Q&A	SDR Updates GIS Tools for Survey MetaConnex for Surveyors Labelling from Attributes IPWEA Survey Field Codes and Map Files	Automated ISO 19650 Compliance The Ecosystem of CDEs 12d Synergy and AI End-to-end Automation and Workflow for Design Deliverables	Training for Designers Apply MTF Manager, MTF Seed Files, Modifiers and MTFs	
3:45 – 4:15pm		Afternoon Tea				
4:15 – 5:45pm		Main Stage		Presenter		
Session 4	MTF Snippets Apply Snippet Components Drawing Registers and Title Blocks John Holland Major Project with Sunrise Surveying GIS Download Manager Top and Bottom TIN from Trimeshes	Jason Knox Jason Knox Owen Thornton Andrew Fenwick, Gary Dunn, Meghan Bowman, Alex Cook, and David Mares Harry Ha Blake Ebsary				
6:00 – 8:00pm		Welcome Event				

Day 2 Monday 27 July

8:15 – 9:00am	Registration – Tea and Coffee				
9:00 – 11:00am	Main Stage		Presenter		
Session 5	Hidden Gems and CAD Labels		Sharleen Cole-Swami and Blake Ebsary		
	Building an Interconnected CDE Ecosystem		Dan Di Mattina		
	Automated Catchment Delineation		Callum Peaker		
	BIM Viewer, Issue Tracker & Forms		James Irwin		
	12d Macros and AI		Blake Ebsary		
	Tabulate Range File		Duy Nguyen		
	Managing Digital Transformation		Hani Arab		
	IFC 4x3 for Civil BIM		Lee Gregory		
11:00am – 11:30am	Morning Tea Break (30 mins)				
11:30am – 12:45pm	Design Room	Water Room	Survey Room	Information Management Room	Training and Special Interest Room
Session 6	Snippet Components	2D Analysis, Roadflow's Big Brother	12d Synergy and GIS	12d Synergy Integrations	12d Synergy Training
Birds of a Feather	BCC Snippets for Driveways	Auto Catchments – Latest Features	12d Synergy + Civillo = Simple	Using 12d Synergy with AutoCAD	Forms, IFC Viewer and Issue Tracker
	Quick Design - What's New	Time of Concentration Builder	GNSS Vector Report	Streamlined Microsoft 365 Integration	
		Rainfall Event Selector	Directional Arrows	Panel: Digital Engineering Project Ecosystems	
		Inlet Capture Curves – Latest Features	Advanced String Inquire		
12:45 – 1:45pm	Lunch Break (60 mins)				
1:45 – 3:00pm	Design Room	Water Room	Survey Room	Information Management Room	Executive Stream Room
Session 7	Quick Overview of Mapping Projections	Regrading Links, a New Level of Control	Certification for Engineering Surveyors (Surveyors Australia)	12d Model Projects and Customisation	Our Digital Transformation Journey
Birds of a Feather	12d Track	Editing Water Models Unchained from Editors	Structuring Survey Data for OpenBIM IFC4x3	A Data Agnostic Approach	The dilemma of balancing the bookends - Digital Transformation from the CIO/CFO
	MTF Snippet Apply	Stormwater Dynamic – Latest Features	Feature Extraction from Point Clouds	Panel: Whats new in Digital Engineering Standards	Cultural Change, Data and AI - Why Leadership Matters in CONSTRUCTION and Infrastructure
	GIS Tools for Design	12d RAFTS	Traverse Spreadsheets		
	Point Cloud Options		12d Field C1U Core Updates		
3:00 – 3:30pm	Afternoon Tea				
3:30 – 4:30pm	Main Stage		Presenter		Executive Stream Room
Session 8	Create Meaningful IFC files in 12d Model		Dylan Revell		Digital Enginuiti Capability Statement
	Sydney Metro: Stations, Systems, Trains, Operations and Maintenance (SSTOM)		Allan Walker and Alex Badaoui - SMEC, Oliver Williams - ARUP		The Future of Geospatial.
	Project Settings		Lee Gregory		What's next?
4:30 – 4:50pm	Delegate Group Photos				
4:50 – 5:45pm	Guest Speaker: The Geoholics				
7:00 – 11:30pm	Gala Dinner and Innovation Awards				

Day 3 Tuesday 28 July

8:15 – 9:00am		Registration – Tea and Coffee			
9:00 – 10:45am	Main Stage	Presenter			
Session 9	12d Accelerated Graphics	Alan Gray			
	12d Reports	Hanh Cao and Isaac Nguyen			
	Tatras and Acciona Macro Work	Dan Ripley and Sam Cech			
	International Market Updates	Soon Teh and Mitch McPherson			
	From Civil Design to Surveying Reality	Luke Studdert			
	Mark-Up and Review Tools	Dylan Revell			
	Digital Enginuiti Business Profile	Lincoln Smith			
10:45 – 11:15am		Morning Tea Break (30 mins)			
11:15am – 12:30pm	Design Room	Water Room	Survey Room	Information Management Room	Training and Special Interest Room
Session 10	Utilising MetaConnex for Smarter Design	General Water Editor - Latest Features	Leica's Latest Generation of Total Station and GNSS	MicroStation and OpenRoads	12d Model 15 for Pavement Creation with the MTF and from TINS and Subgrade TIN Creation
Birds of a Feather	Design Audit (Reporting)	Culvert Creation and Design	From Silos to Sync: Workflow Automation at Fulton Hogan	CDEs for Surveying	
	Updates to Smart Chainages	Excess Flow in the Rational Method	Trimble SX Instruments	Integrations with FME	
	New 12d Startup Diagnosis		ADAC 6 Changes	ISO 19650 - Revisions	
	Data Validation through the GDV Hub		Topo Surveys from Go to Whoa	Those Features You Missed	
	Exporting IFCs and Spatial Structures				
12:30 – 1:30pm		Lunch Break (60 mins)			
1:30 – 2:45pm	Design Room	Water Room	Survey Room	Information Management Room	Training and Special Interest Room
Session 11	Kerb Return Option	What is Bypass in Stormwater Modelling?	Instrument Connections in V15	Cloud Hosting and Migrations	The Fundamentals of MetaConnex and its Application to Design Assets
Birds of a Feather	From Civil Design to Surveying Reality Q&A	Flooded Widths	Mapping Projections and Carto Files	Forms and PowerBI	
	Q&A with the Design Team	Q&A with the Water Team	Forms for Surveyors	Your Archiving Strategy	
	Design Room Wrap-Up	Water Room Wrap-Up	Pavement Surfaces	Update from the Support Team	
			Q&A with the Survey Team	Q&A with the 12d Synergy Team	
				Data Management Room Wrap-Up	
2:45 – 4:00pm	Main Stage	Presenter			
Session 12	12d Potpourri	Alan Gray			
	Pursuit of the Common Public Works Standard	Tim Brooks			
	Solving the Earthwork Puzzle at Bhogapuram International Airport	Paul McCullagh and Chiranjit Chattopadhyay			
	Training and SPOT	Cameron Lowe			
	Conference Round Up and Close	Lee Gregory and Joel Gregory			