12d® FIELD

12d® Field gives Surveyors and Engineers the ability to use the full functionality of 12d® Model™ on small daylight readable tablets and notebooks in the field.

Developed With Surveyors & Engineers.

Tested On Major Projects.

12d® Field has been developed in consultation with leading surveyors and engineers.

Site needs have continually been added to the functionality of the product, providing a solution that has evolved from the industry itself.

12d® Field was put through rigorous onsite testing to provide an internationally innovative solution as yet unmatched by competitor products.

How Does 12d® Field Work?

12d® Field communicates directly with survey grade GPS units and Total Station instruments.

12d® connects to the instruments via:

RADIO · Bluetooth™ · WiFi · CABLE

Surveyed data is displayed live on screen in conjunction with 12d® Model™'s complete civil engineering and surveying software solution.

A Tool Specifically Designed By Surveyors...

12d® Field includes two key features: Setout and Pickup.

12d® Field has been developed to enable surveyors and engineers to use both GNSS and Total Stations with the

> ✓ 12d® strives for open, direct communication with all survey instruments

same software that is used in the office to design and finalise projects.

12d® Field Setout has been developed to enable surveyors and engineers to set out (using both GPS and TPS instruments) for construction projects.

OPTIONS INCLUDE	
Single String Set Out	Enabling any position along an identified string to be set out
Batter Set Out	Conventional batter set out plus additional computer batter set out from any chosen element
Basic Pickup	Enabling all topographical/as-built survey pick up needs to user defined styles
TIN Set Out	Set out anywhere on the digital terrain model (TIN)
Crossfall Set Out	Set out crossfall from any chosen control data location
Point Set Out	Set out data in your project at a given existing or designed point
Grid Set Out	Set, create, offset any part of the grid for set out
Tunnel Set Out	Identify tunnel points/strings/positions to set out

Surveyors & Engineers - On The Same Page!

Now all professionals on a construction site can work in unison by utilising 12d® Field.

Additionally, **12d® Field Pickup** provides the ultimate approach for surveyed data collection.12d®'s unique hierarchical attribute method with simple-to-manage coding, templating and live functionality gives the user complete control of the project and output, from the field.

12d® FIELD

Interaction & Flexibility - The Core Of 12d® Model™.

In both Setout and Pickup, information is displayed live as it is surveyed.

This, combined with the ability to simultaneously display detailed design and existing data, ensures total control and flexibility through 12d®'s interactive plan, section, and perspective views.

Survey instrument control and enhanced data flow in 12d® Field add to the existing power and functionality of 12d® Model™ to create an invaluable tool for productivity and information management.

12d® Field Can Work As A Standalone Drafting Product.

12d® Model™ also works as a drafting programme and can therefore work as a standalone product.

Data can be processed in the field, used for design or exported instantly when and where it is needed.

12d® Field Is A Module Of The 12d® Model™ Suite.

12d® Solutions has developed a complete and integrated product for the industry. Surveyors and engineers now have a complete solution at their disposal.

The core functionality of 12d® Model™ is in the powerful BASE module. Optional modules can be included for the following areas:

- Road & Rail Design
- Earthworks/ Volume Calculation
- Utilities & Urban Drainage

- Flood Modelling
- Survey
- Data Exchange
- Visualisation

High Quality, Responsive Local Support.

Support is provided by someone who knows the industry, the type of work you do and your clients requirements.

All support personnel are expert 12d® Field operators, have industry experience and are able to provide practical, relevant solutions to technical problems.

- 12d® Field running on a GETAC tablet.

Why Choose 12d®?

✓ Powerful data processing & intelligent functionality.

✓ Modular, easy to update & completely customisable.

✓ Seamless integration with major industry software & hardware.

✓ Used in over 60 countries worldwide.

✓ Friendly support & training from industry experts.