



**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 bring an internationally innovative solution that our competitors simply cannot match.

**How Does 12d Field Work?**

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

12d connects to the instruments via:



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

**✓ 12D STRIVES FOR OPEN, DIRECT COMMUNICATION WITH ALL SURVEY INSTRUMENTS**

**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 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 computed 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.

### **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 needed.



12d®Field running on a GETAC tablet.

### **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.

## **WHY CHOOSE 12D?**

- ✓ **Powerful data processing & intelligent functionality.**
- ✓ **Modular, easy to update & completely customisable.**
- ✓ **Seamless integration with major industry software & hardware.**
- ✓ **Used in over 55 countries worldwide.**
- ✓ **Friendly support & training from industry experts.**

