



A new surveying experience





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With X-PAD, productivity and flexibility in the field is assured due to an easy user interface and to highly innovative contents. In a single on-board software you find both GPS, Total Station survey and stakeout with all the topographic and cadastral functions that until now were present only on desktop softwares.

A sustainable... field software

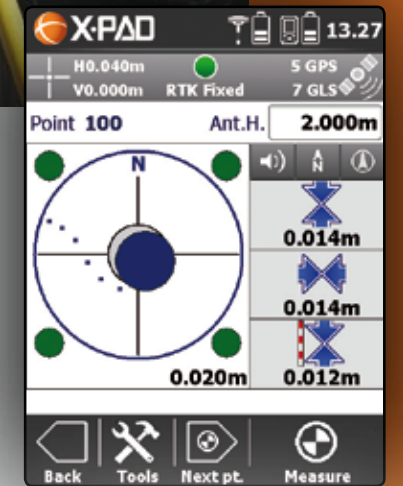
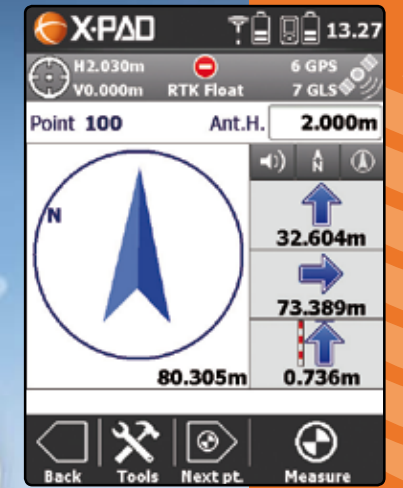
Tired with field software with small characters, colored and hardly visible icons, buttons to hit in very small spaces, tiny virtual keyboards? Look at X-PAD ... you can do everything with a single touch of your finger and reading is guaranteed due to large characters and high contrast icons. So simple to use you will think you are using your favourite smartphone!

CAD ... you were missing

With optimized layout and smart functionality that works in the field X-PAD is a field CAD software designed for compact handheld devices. X-PAD gets the most from the available display space with innovative auto-hiding zoom buttons, automatic control avoiding the overlapping of points labels and contextual functions basing on the selected object. With X-PAD your notebook can remain in the office!

Surveying and drawing at the same time!

Are you thinking that surveying and obtaining automatically the drawing is a mere fantasy? Not with X-PAD: the innovative automatic drawing system by feature codes allows you to see the survey drawing composing point after point without requiring long and complex coding, only with practical buttons and default schemes. You must try it!

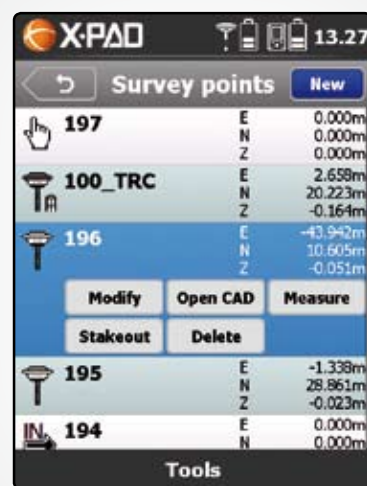
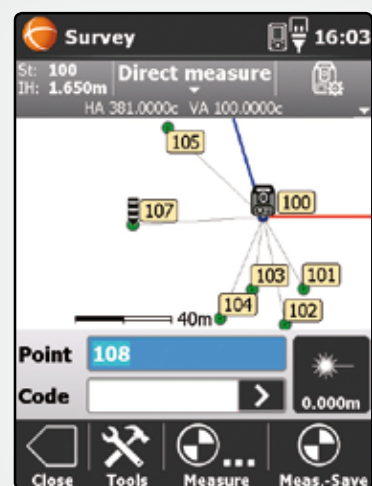


Stakeout ... with closed eyes

With X-PAD stakeout has never been easier or faster. Voice guidance allows you to arrive at the point without even looking at the display, while the large compass simplifies visual navigation. Next indication, reference north or the sun directs you to the precise point without hesitation allowing the user to stakeout the design rapidly. There is no need to prepare the points list for staking out in X-PAD as you can stakeout directly from the imported CAD drawing! Every drawing element: including points, lines, arcs and every position determined within the graphical area can be staked out to. "10 meters forward, move on the right", "beep", "beep", plant the stake and run to the next point. What's the nearest point? X-PAD will tell you!

COGO

Every software have COGO commands, but not all of them are practical like those in X-PAD. With the strength of the intelligent CAD system, complex figures including building site drawings can be easily created and modified in the field. You can do parcel subdivisions on the fly and calculate crossing points of the lines to stake them out ... immediately! The office has now truly arrived in the field!





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Features	Standard GPS	Standard TPS	Advanced (optional)
General			
Jobs management	●	●	
System settings (units, precision, parameters, ecc.)	●	●	
Instruments GPS			
Instrument profile management	●		
Support of GPS receivers (Base e Rover)	●		
Receiver status (quality, position, sky view, satellites list, base info)	●		
TPS Instruments			
Instrument profile management		●	
Support of mechanical TPS		●	
CAD			
Display functions (zoom, pan)	●	●	
Drawing commands (line, polyline, arc, circle, text, parcel, topographic point)	●	●	
Info commands (ID, distance, area, angle, distance to object)	●	●	
Layer management	●	●	
Snap to object	●	●	
Navigation over drawing	●		
Raster images management (load, display)	●	●	
CAD COGO commands	●	●	
Import/Export			
ASCII customized	●	●	
DXF	●	●	
LandXML			●
Esri Shape			●
Data management			
Topographic points	●	●	
Measures	●	●	
Features code (code - long description)	●	●	
Features code (symbol, layer, type)	●	●	
Coordinate system			
Local on one point	●		
Local on multiple points	●		
Map coordinate system	●		
National grids	●		
Setup e station orientation (TPS)			
TPS orientation on reference point or reference azimuth		●	
Free station		●	
Survey			
Standard points	●	●	
Hidden points	●	●	
Automatic survey (by distance, by time, stop & go)	●	●	
Static survey for post processing	●	●	
Automatic drawing by feature codes	●	●	
Take photo, Notes & Sketches			●
Stakeout			
Points (topographic points, CAD positions)	●	●	
Lines/Arcs	●	●	
Lines/Arcs with offset	●	●	
Stake out reports	●	●	
CAD drawing (lines, arcs, circles, polylines)	●	●	
CAD drawing with offset (lines, arcs, circles, polylines)	●	●	
3D sloped planes			●
3D triangle models (DTM)			●
Sideslopes			●
COGO			
Standard COGO commands	●	●	
Area Subdivision	●	●	

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