



## CORE MODULE

The improvements start with the Release 7 installer. With fewer options, TheoLt is far easier to install and configure.

The TheoLt Core module now supports all AutoCAD versions to 2009.

The project management tools have 2 major enhancements. First the Station Name prefix (which used to be system wide) may now be controlled per project. Secondly a "project datum" has been added for working with the Feature library. The major benefit of these functions is to allow easy integration into existing survey drawings (2D or 3D) within AutoCAD, matching station names and levels.

To help further with working with 2D drawings, the Orientation to Reference now allows 2D checking only.

The Feature Library has undergone major improvement with new options, fields and content. With observations being connected on automatically repeated features, complex objects may now be configured and drawn.

## BUILDING SURVEY

With the new Sketch and Measure tool, surveying building plans with the Disto has taken a major step forward with TheoLt Release 7.

The room outline may be sketched in place (with the sketch tool automatically aligning with existing corners and walls). Once sketched, the size is adjusted according to measurements, openings (windows and doors) and fixed points. Finally the outline is analysed and adjusted using the new advanced least-squares fitting engine.

The least-squares fitting engine also works with the older commands too.

The new "Pen Options" palette vastly improves working with a pen on a tablet or UMPC. User customisable for any AutoCAD command to display all the right-click command options.

Finally, the docking Plan Builder palette allows quick access to the expanded feature library, room manager and station manager providing fast switching of rooms and checking of contents.

## PRO VERSION

The Pro version of TheoLt was introduced at Release 6 to include the Network Adjustment (Traverse). In Release 7, this module has undergone improvements to workflow.

The TheoContour module has been re-written for this release, now supporting AutoCAD 2007 to 2009. The engine is far faster producing more consistent results. Additionally, the profile (Section) commands have been improved producing tidier section drawings. Annotation no longer has to be produced as part of the contour production, a new Annotation command allows level text to be placed quickly and easy, aligned to the contour index's.

The Motor drive module continues in Release 7 with support for the latest Leica motorised instruments and also the Trimble S6.

