DistToPlan 9.0
What‘s new?

Release Mai 2011

Content

- **Compatibility**
- **User interface**
- **Supported sensors**
- **Improved measurement commands**
- **News in Area data management**
- **Improved interaction between DistToPlan and hylasFM**

kubit

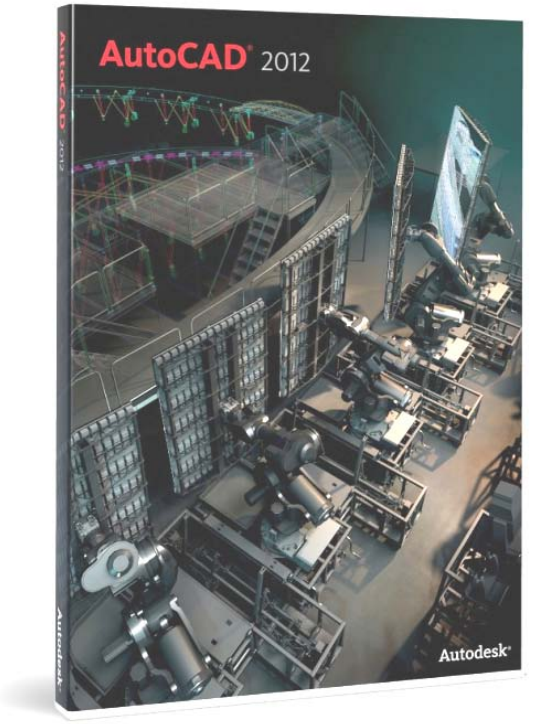
Software for surveying, building and architecture

Compatibility to AutoCAD 2012 und AutoCAD LT 2012

- Operating Systems:
  - All 32 bit and 64 bit- versions of Windows 7, Vista und XP
  - **New: support for Windows 2000 discontinued**

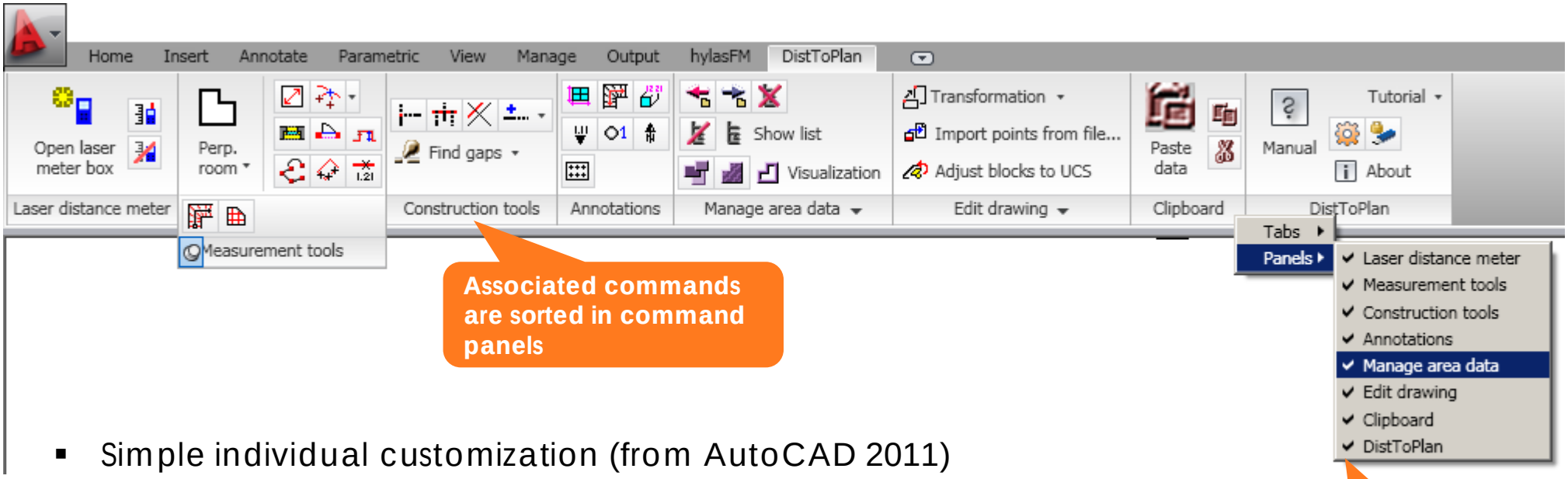
- AutoCAD 2012:
  - Support of AutoCAD 2012 and AutoCAD LT 2012
  - All AutoCAD 2012 based Autodesk products, e.g.
    - Architecture 2012
    - Civil 3D 2012
  - previous AutoCAD / AutoCAD LT versions from 2007

- For prior systems a previous version can be provided.



Ribbons

- AutoCAD 2010 to 2012: Alternative to classic menu and toolbars
- Requires less room on the screen than many toolbars, but allows quick and intuitive access to the commands nevertheless



- Simple individual customization (from AutoCAD 2011)
  - Sort of the order by Drag & Drop
  - Hide/Show Panels by right click option
  - Create own Panels with AutoCAD CUI editor

- Menu and toolbars are still available

If unchecked, the Panel will be hidden on the screen

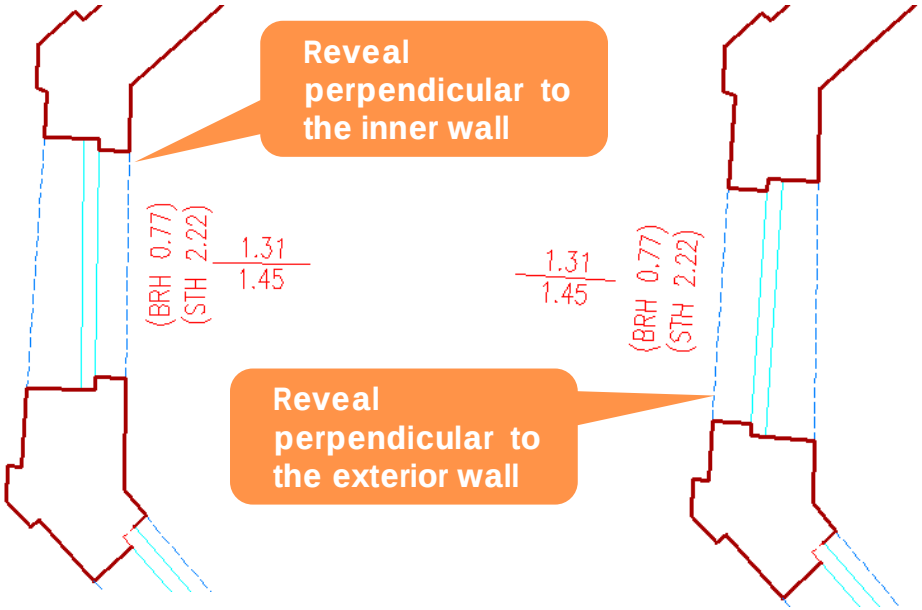
Support laser distance meter Leica Disto D3a BT/ D330i

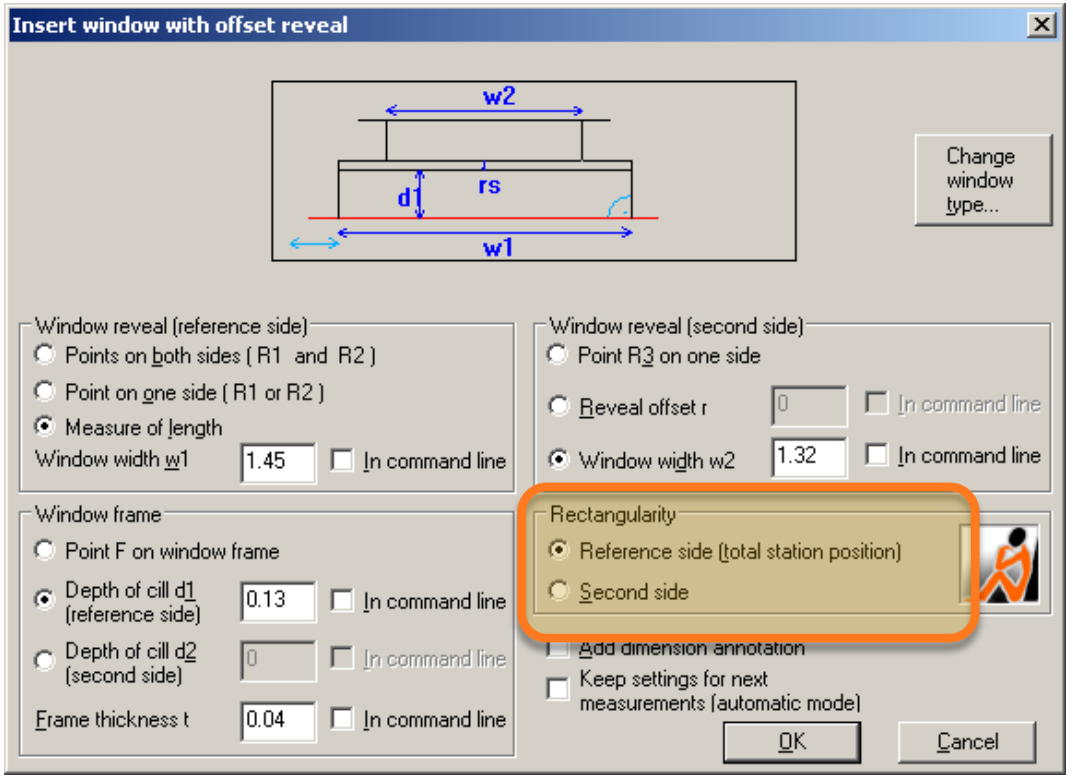
- Tested and documented for DistToPlan
- Characteristic:
  - Most basic Leica Bluetooth Disto
  - more reasonable than Disto D8
- Comparison D3a BT and D8:

Characteristic	D8	D3a BT / D 330i
Measurement range	200 m	100 m
Accuracy	1 mm	1 mm
Digital point finder	yes	no
Tilt sensor	360	45

Window with offset reveal – easier and more flexibility

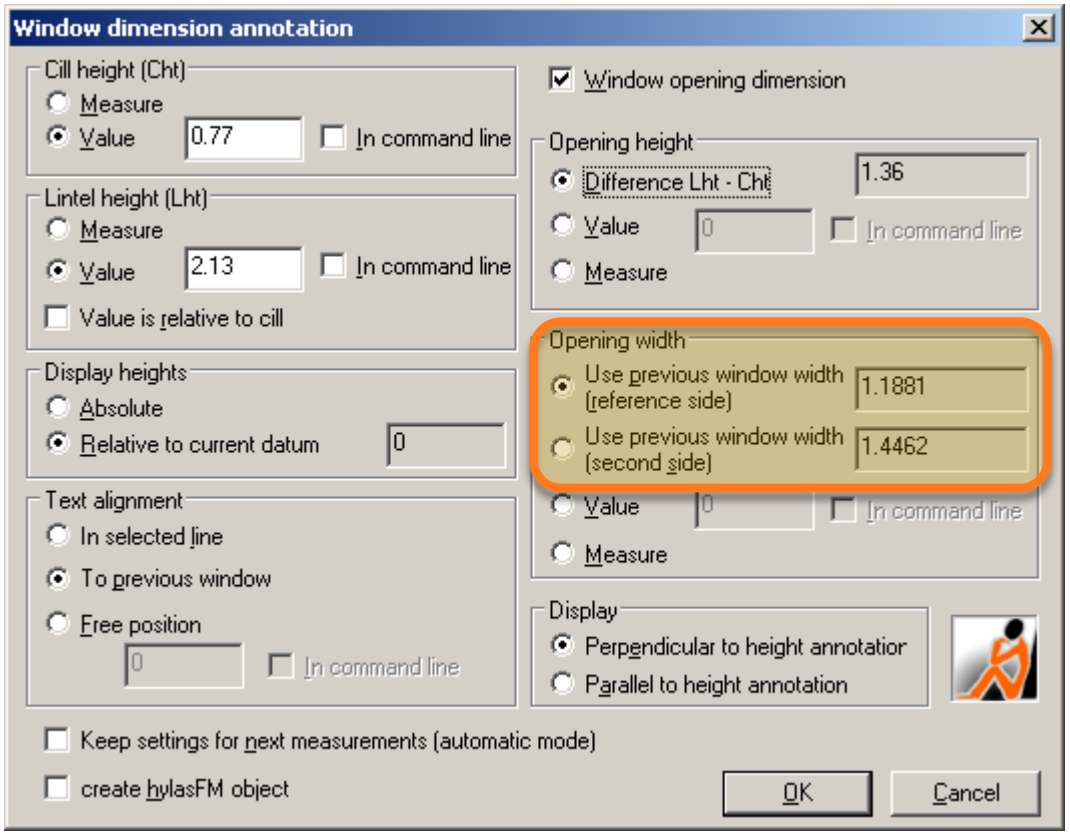
- **Reveal:** free decision to define the position of the narrow and wide window reveal. Previously the windows always was wide on the inside.
- **Rectangularity:** free decision to which wall line the window will be drawn perpendicular





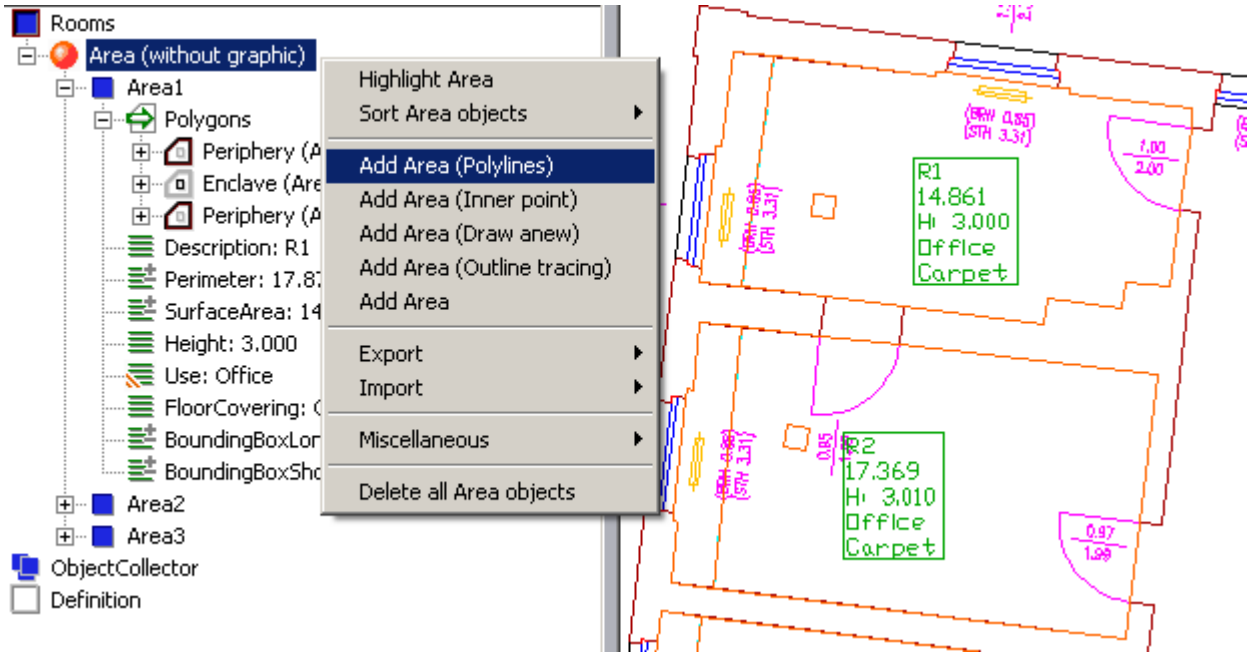
DistToPlan 9.0 – improved measurement commands

- **Opening width:** free decision to annotate the narrow or wide part of the reveal
  Until now always the wide measurement was annotated.



Create area object on the basis of existing 3D polyline

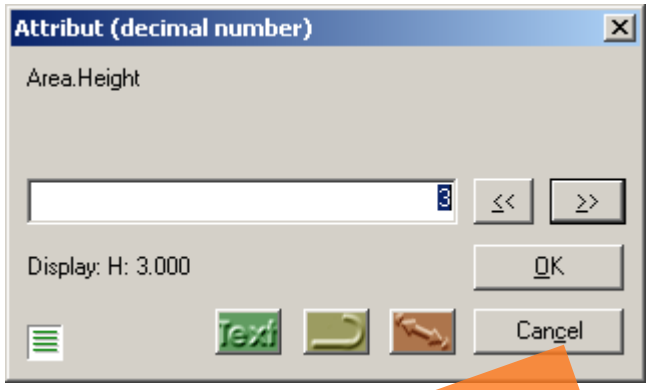
- Create area object by method „polylinie“: This function now also accepts 3D polylines
- Reduced workload at structuring of existing plans with 3D polylines → mainly data, that have been generated by total station measurements



Fill in attributes – optimized keypad operation

- Going through the dialogue functions by pressing defined key shortcuts
  → For optimized data input on site, accelerated handling for experienced users

Alt + O	OK
Alt + C	Cancel
Alt + L	Grip curve length
Alt + T	Grip text value
Alt + D	Grip distance
Alt + >	Change to next attribute
Alt + <	Change to previous attribute

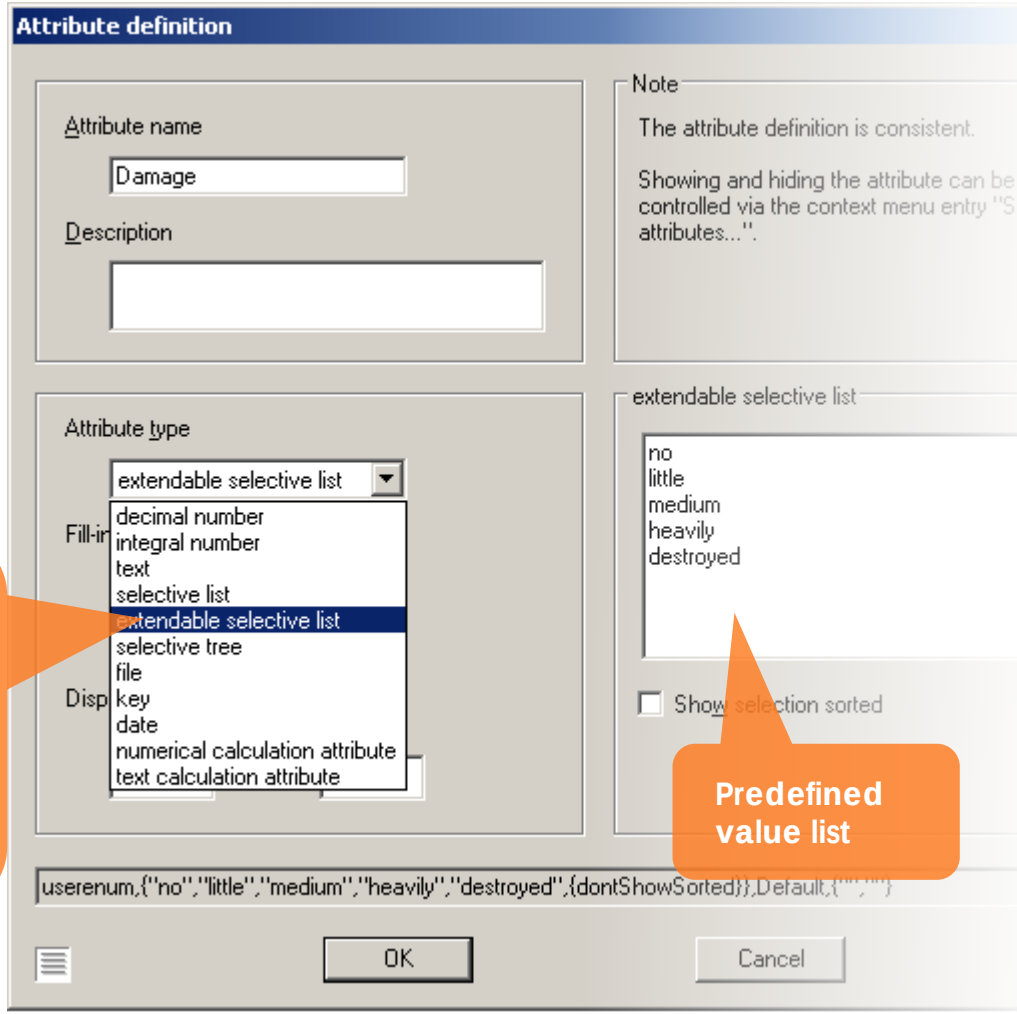


Alt **+ underlined letter:**
This key combination executes the corresponding function

Structure definition – define attributes – Change attribute type

- Change of attribute type from „Selective list“ (formerly ENUM) to „extendable selective list“ (formerly USERENUM): the predefined list of attribute value remains

  → Better convenience and less error-proneness at definition of data structures

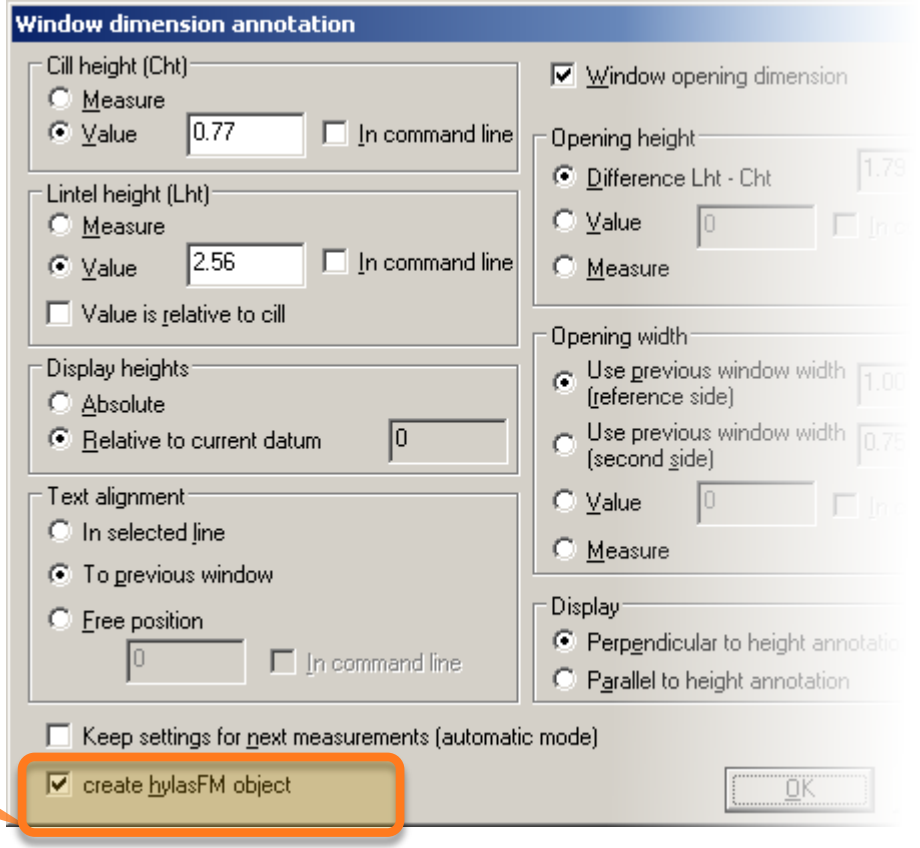


Selective list: fixed list of values , user can choose only between these values

Extendable selective list: list of values can be extended by the user during the data capturing

DistToPlan and hylasFM

- Combined usage of DistToPlan and hylasFM*:
  hylasFM door and window objects will be created automatically by the DistToPlan door and window measurement commands
- Requirements: classes “door” and “window” have to exist in the hylasFM structure definition



With this option DistToPlan creates a door or window object in the hylasFM data tree. Attributes for Height and width, wall thickness and breast height are filled in automatically.

*hylasFM is an kubit AutoCAD application for efficient capturing and structurizing of building plans. The result are qualified data structures that are suitable for CAFM systems. During the data capturing the graphical objects will be linked to technical data and shown in a data tree panel.

Contact

kubit GmbH
Fiedlerstraße 36
01307 Dresden
GERMANY

Fon: +49 351 41767-0
Fax: +49 351 41767-29
Email: info@kubit.de

www.kubit-software.com