



product overview

CADMeasure

Major benefits Include

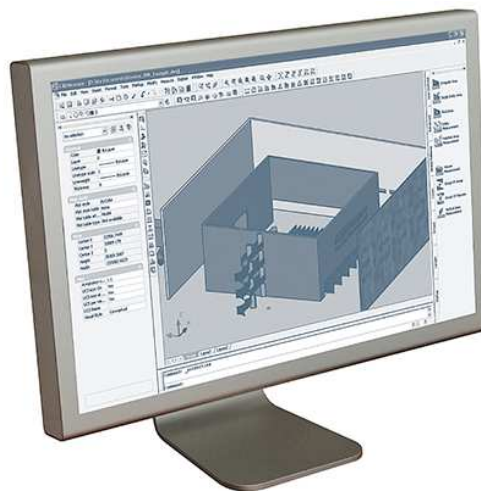
- Short learning curve
- High productivity gains
- Rapid return on Investment
- Maintains required Drawing Integrity
- High Accuracy Measurement
- Re-use of design data
- Instant assessment of proposed revisions for effective change control
- Integration with Causeway Estimating, Cost Planning Take Off and Bills, spreadsheets and databases
- Standalone measurement solution does not require AutoCAD
- Direct integration with the design team

CADMeasure is an easy to use CAD based interactive measurement tool, ideal for all types of measurement from the more sophisticated 3D object models to the simplest sketch. With AutoDesk technology at its core, drawings and designs from all AutoCAD compatible systems can be measured.

Measurements can be made from digital photographs or scanned images. Even on projects still encumbered by paper drawings, CADMeasure allows you to rapidly extract the relevant details required for accurate measurement. In short, CADMeasure caters for all your measurement needs in one comprehensive system.

Benchmarking studies have proved that CADMeasure reduces the time spent on measuring initial drawings by one third compared with more traditional digitising techniques. Add to that the time savings in measuring revisions of 50% and the benefits are substantial: -

- improved speed and efficiency with electronic distribution of drawings
- increased accuracy with an improved audit trail including design changes. Amendments are easily identified through direct comparison of two CAD files
- reduced storage space for hard-copy drawings
- direct integration with the design process (relining, queries)



Developed over the last 10 years, CADMeasure is now the widely accepted industry standard and is IFC compliant. It provides a universal measurement portal that's capable of dealing with the simplest 2D drawings, right through to more complex 3D models. CADMeasure offers a fast and effective method of measuring directly from the CAD file. Compatible with all common drawing formats, it also supports measurement from drawings received in PDF and DWF formats and encompasses the growing use of 'objects'.

Twenty years ago few drawings were prepared on CAD and issued electronically. Today, the figure is in excess of 90% and whilst measurement remains a core skill for the QS and Estimating professional, the technique has evolved to allow more dynamic and innovative practice.

Designers are pushing the boundaries, both in terms of complexity and the speed at which they make changes. Traditional measurement techniques cannot continue to keep pace and deliver the level of service and accuracy required. CAD has already revolutionised the design process and is now transforming the art of measurement.

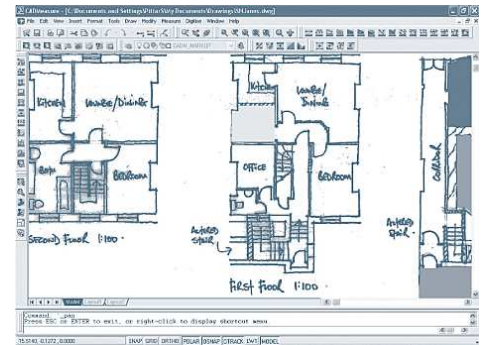
Functionality

- True Automated Measurement utilising the full drawing database.
- Comprehensive range of measurement functions including Lengths, Perimeters, Areas and Volumes.
- Calculate the sloping area of a pitched roof from a 2D plan using vertical rise or pitch.
- Calculate a 3D pipe/cable run from a 2D drawing.
- Windows, Doors and other components may be quantified and scheduled.
- User definable Search and Query parameters with multiple criteria.

- Addition of Descriptions and Comments against each measurement, including ability to select drawing text.
- Repeat Measurement option.
- Delete and Edit Measurement.
- Flexible user definable data export facility. Supports all common data formats for transfer to spreadsheets and cost management systems.
- Every measurement instantly available for Paste or Drag/Drop into compatible systems.
- Quick A4 Plot of measurements only or measurements with drawing.
- In-built Report Writer for measurement output with associated graphics on all pages or first page only.

Features

- Easy to use through familiar pulldown menus, toolbars and dialogs.
- Local or network versions available with concurrent licencing.
- Access to relevant AutoCAD commands during measurement session.
- Comprehensive on-line help system.
- Full Audit trail with automatically annotated drawing record.
- Suitable for a range of different users including those involved with property, construction, manufacturing, medical and retail sectors.
- Ability to store and record complete measurement history in line with design changes.
- Dynamic link between measurement and drawing content.
- Available both as a standalone solution or for use with existing installations of AutoDesk products including AutoCAD, MAP 3D and Architectural Desktop.
- Improved measurement integrity via new XML file format.
- Supports extensive range of drawing formats as well as PDF and other common scanned image formats.
- Support for complex geometric shapes.



Measure from the simplest sketch



Supports measurement of hard copy drawings

To find out how Causeway can help *your* business please call us today on

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