



# CADMeasure



## measure everything:

- ▶ Highly accurate measurement from multiple file formats
- ▶ Instant assessment of proposed revisions
- ▶ Electronic distribution of drawings is much faster
- ▶ Increased accuracy and improved audit trail
- ▶ Reduces need for storage space for hard-copy drawings
- ▶ True automated measurement
- ▶ Users can quantify and schedule components
- ▶ User-definable search and query parameters
- ▶ Paste or drop any measurement into compatible systems
- ▶ In-built report writer for measurement output with associated graphics
- ▶ Integrates with other Causeway solutions, spreadsheets and databases
- ▶ Full audit trail with automatically annotated drawing record
- ▶ Store and record complete measurement history in line with design changes
- ▶ Dynamic link between measurement and drawing content

Causeway CADMeasure measures everything from the simplest sketch or digital photo, to the most sophisticated CAD drawing, to dramatically improve your cost planning, estimating and post-contract activities.

Over 90% of construction drawings are prepared using CAD, and traditional measurement techniques do not keep up with the level of accuracy required. Where CAD has already revolutionised the design process, it therefore now also transforming the art of measurement.

Causeway CADMeasure is an easy to use, CAD-based interactive measurement tool. It caters for all your measurement needs in one comprehensive system, measuring directly from CAD files, as well as drawings received in PDF and DWF formats. Even on projects still encumbered by paper drawings, CADMeasure can still rapidly extract the relevant details required for accurate measurement.

Benchmarking studies have proved that, compared to traditional digitising techniques CADMeasure reduces the time spent measuring initial drawings by one third and measuring revisions by 50%!

Causeway CADMeasure can perform a comprehensive range of measurement functions including lengths, perimeters, areas and volumes. This enables users to perform a vast range of measurements, including calculating a 3D pipe or cable run from a 2D drawing, or working out the sloping area of pitched roof from a 2D plan, using vertical rise or pitch.

Developed over the last 15 years, CADMeasure is now industry standard. Available standalone or networked, it is an invaluable tool for all users involved with property, construction, manufacturing, education and retail sectors.

for more information **contact**  
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or visit [www.causeway.com](http://www.causeway.com)



# BIMMeasure

## measure everything:

- ▶▶ Dynamic and automated measurement from BIMs
- ▶▶ Open multiple models and drawing files in a single measurement session
- ▶▶ Intuitive user interface, with views of the model, related information and resulting measurements and measurement schedules in a single screen
- ▶▶ Simple drag and drop from the model to create measurement
- ▶▶ Powerful scheduling option provides simple 'one-click' measurement
- ▶▶ View model data, to locate and measure requirement components
- ▶▶ Automatically update measurements with revised models
- ▶▶ Dynamic link to CATO Cost Planning and integration with Take Off and Bills modules
- ▶▶ Significantly reduce the measurement time and cost, without compromising accuracy

Causeway's Building Information Modelling component within the CATO suite takes dynamic and automated measurement to the next level.

Causeway BIMMeasure enhances the functionality of CADMeasure, to support those working on projects where design information is produced from a Building Information Model (BIM), in place of traditional 2D and 3D CAD.

By extending the vast measurement capabilities of CADMeasure, BIMMeasure enables you to access and interrogate model information beyond graphical representation. As well as providing direct and interactive access to the model (including information which might otherwise be hidden), BIMMeasure also delivers a powerful set of measurement and scheduling tools, making true automated measure a reality!

BIMMeasure enables users to work on multiple modelling and drawing files in a single session. User-defined views can be set to locate and interrogate the model, making it simple to schedule measurements and items grouped by description.

Users can also easily locate individual components and drill down to the specific properties of each component by simply highlighting the item required. Design changes can also be accommodated quickly and accurately, with changes impacting on modules in the CATO suite through direct integration.

BIM provides a single common and coordinated source of information, to support everyone included in the delivery of a new building, from the design team through to the construction teams and beyond. The result is better communication through the project team, fewer unforeseen onsite difficulties and major time and cost savings.

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