

# QSCAD

## Version 4

We believe **QSCadv4** is the best CAD Measurement system available, check it out for yourself!

	QSCad	?		QSCad	?
<b>DRAWING COMPATIBILITY AND SETUP</b>					
Compatible with the latest CAD dwg, and dxf format (AutoCAD 2018)	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Compatible with Bentley Microstation dgn format	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Supports Measurement from PDF files (including Scans & Images)	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Automatic Calibration and checking routines for CAD drawings (including 'Find Dimension' feature)	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Manual Calibration for PDF files	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Supports snapping to PDF drawings	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Enables Scaling 1:1 to facilitate overlaying drawings	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>WORKING WITH THE DRAWING</b>					
<b>Zooming &amp; Panning</b>					
Zoom in and Zoom Out using toolbar buttons	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Zoom in and Out using Mouse Wheel	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Zoom to a Window	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Dynamic Zooming with Instant refresh	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Quick Zoom at any time using the 'Z' hotkey	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Pan (move drawing) dynamically in any direction using Mouse Wheel	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Pan Dynamically by holding down 'Shift' and moving the mouse	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>Views</b>					
Save the Current 'View' of a drawing	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Select saved 'Views' from a list	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Overlay drawings to identify changes/differences or combine drawings	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Open Multiple drawings simultaneously	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Dynamic Audit Trail allows users to select which item/items are visible	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>CAD Drawing Layers and Format</b>					
View drawings in both Paperspace and Modelspace	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
View drawing in Black and White or CAD colours	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Increase resolution to 'smooth curves'	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Turn on and off CAD drawing layers	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Turn off CAD drawing layers by selecting an item on that layer	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Restore CAD layers to original state	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Change CAD layer colours	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Create unlimited Measurement layers	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>BASIC MEASUREMENT</b>					
<b>Generally</b>					
Multiuser Access – several users can be measuring on the same drawing	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Direct Entry of Measurement Description	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Selection of Measurement Description from list of items previously measured	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
User-defined colours, shading, and line styles	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Interactive hatching during measurement	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Undo last point facility	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>Linear Measurement</b>					
Basic linear measurement using mouse clicks as coordinates	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Linear measurement using 'snapping' functions	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Single/Separate lengths measurement	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Close' linear measurement shape back to original point	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Linear measurement by selection of lines	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>Area Measurement</b>					
Basic area measurement using mouse clicks as coordinates	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Area measurement using 'snapping' functions	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Area measurement with Offset	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Add a void to an Area	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Area measurement by selection of lines	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Automatic Area Perimeter Calculation & Summary	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>Numeric Measurement</b>					
Basic numeric measurement using mouse click to select items	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Identification and measurement of items drawn as 'blocks' in CAD drawing	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Select/deselect 'blocks' to be measured individually/by defined area	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>Snapping</b>					
Snap to endpoint, midpoint, nearest line, intersection or perpendicular	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Snap to arc (including one-click arc measurement)	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Snap point highlighting	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>ADVANCED MEASUREMENT</b>					
<b>Measurement Setup</b>					
Create and use Master Lists for Standard Measurement Layers	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Create and use Master Lists for Standard Descriptions, shading etc.	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>Measurement Components</b>					
Create user-defined components including variables	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Create and use a Master Library of Standard Components	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Download and use Standard Components from Masterbill's website	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Create and use components on all drawings in a Project	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Include logic in both Descriptions and Calculations in your Components	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Download and use Standard SMM7 and NRM2 Description creators such as trench widths, excavation depths, earthwork support distances	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>GRAPHICAL OUTPUT</b>					
<b>Measurement References</b>					
Print Drawing with Unique ID allocated to each measurement	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Print Drawing with Description allocated to each measurement	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Print Drawing with Quantity displayed for each measurement	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>Dynamic Legend</b>					
Create a legend from the measurements within the drawing	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Only Current Visible Items included within the Legend	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Define the symbol size and the text height for legend items	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Include quantity totals for each currently displayed item in the legend	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>Printing a Drawing</b>					
Add Drawing Notes and Headers to the Drawing	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Print to any Windows Printer or to PDF and Fit to Page or to a scale	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Print Complete drawing or selected Area or View	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
High Quality Export to PDF facility	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>RESULTS</b>					
Create a Detailed Summary of measured items	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Create a Consolidated Summary with like items combined	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Select measurement layers to include in the Summaries	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Export Detailed and Consolidated Summaries to Excel	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Transfer from Summaries direct to Masterbill Elite	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>DATA ANALYSIS</b>					
Allocate filter(s) as part of the Measurement process	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Allocate filter(s) retrospectively by selection or a defined area	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Create Summaries and Graphical Output based on filter(s)	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>ADVANCED RESULTS</b>					
Create Summaries from Multiple Drawings (e.g. Floors 1-10)	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Apply multiplication factors to drawings in a Multiple Drawing Summary	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Quantify a revision using Multiple Drawing Summary	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
<b>WORKING WITH REVISIONS</b>					
Create a new revision of the drawing with a new measurement file	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>
Create a new revision of the drawing re-using existing measurements	✓	<input type="checkbox"/>		✓	<input type="checkbox"/>