

GEOsCAD2 v19 Full List Features

Features	GEOsCAD2 v19
Licensing	<ul style="list-style-type: none"> Dongle (USB) & Permanent ZWCAD 2019, ZWCAD 2018, ZWCAD 2017 – SP2 Version and Above (Std / Pro Module)
Compatibility / Platform	<ul style="list-style-type: none"> ZWCAD Classic Pro, ZWCAD+ 2015 – SP3 Version (Std / Pro Module) AutoCAD 2012 – 2019 (Only applicable to GEOsCAD2 for AutoCAD Full Version only)
Bearing and Distance	<ul style="list-style-type: none"> Label Bearing Distance (Automatic (Batch) / Manual) : - Line (Entity), Break Line (Auto Break) - 2-Points, Polygon (Close Boundary) Reverse Bearing Add Bearing Spacing Calculate & Label Area : - By Automatic (Batch) - By Manual (Individual) - By Points - Measurements Units (M2, Ha, Ek, Kp)
Area	<ul style="list-style-type: none"> Area Table Bearing Distance Table Coordinate Table
Table	<ul style="list-style-type: none"> Label Lot Number - Automatic (Batch) with User define Option - Manual (Individual) Add (PT / PTD / PTB / PLOT / A / C...) To Lot Number Pelan Lakar
Lot Number	<ul style="list-style-type: none"> Label Road Width - Vertical / Horizontal - Meter / Feet Plot (Str.No., Bearing & Distance) Radiate from Station Misclose Report Misclose Adjustment Methodology : - Bowditch / Transit / Crandall / Po and New Adjust - Link Survey Traverse Adjust Misclose Boundary Marks (Trim / Without) Cutting Symbol – Civil Engineer Style (Fill / Without) Cutting Symbol – Surveyor Style (Fill / Without) Points Symbol (LP / EP / TP / MH / HWP...) Insert Stone Number Change Datum (Text / Point Level) Add IL to Spot Height Auto Create Spot Level Text From XYZ Points Add, Interpolate, Change Datum Auto Create XYZ Points from Spot Level Text and Vice versa Label Coordinates Points Exports (X, Y, Z) Set Point Elevation to Zero (eg. Z=0)
Road Width	<ul style="list-style-type: none"> Generate Triangulation 3D Model using Line object base on selected 3D Points 3D Spot Level – Base on 2 Reference 3D Points or 2 Reference Cross Section 3D Points Intersect 3D Points – Base on Line Drawn Across Triangulation 3D Model's Lines Generate Cross Section from Line drawn across XYZ-points Generate Long Profile from Line drawn across XYZ-points Copy Center Line Point – Select and Create 3D Points with a single Line drawn across XYZ-points Set Pile Number ASCII Output for X Y ASCII Output for Bearing Dist X Y Pile Deviation As-built Polyline - Multi B-poly Line - Break Lot Lines Set All Entities / Object to Elevation = 0 Offset Lot Lines Rotate Text (Align / Vertical / Horizontal) Change Text Oblique Angle For Distance & Spot Levels (Feet / Meter / Link / Inches) For Point (Feet / Meter / Link) For Area (Acre / Hectare / Sq Meter / Sq Feet) Cassini to RSO RSO to Cassini RSO to MRT MRT to RSO Standard Sabah & Sarawak
Traverse Line	<ul style="list-style-type: none"> Triangulation (TIN) Interpolation Cross Section & Long Profile Pile Survey Others TEXT Unit Conversion Transformation Coordinate Label Coordinate Format

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Specialized Add-On Module to CAD Software

What is GEOsCAD2 ?

GEOsCAD2 is an essential add-on CAD drafting application tools for ZWCAD & AutoCAD Software, helping users to avoid tedious routines, repetitive manual work while strictly adhering to industry requirements.

GEOsCAD2 offer automation or semi-automation of drafting tools which helps create excellence drawings, reduce errors, and save time.

Who Needs GEOsCAD2 ?

Developed with more than 20 years of end-user's industry experience, GEOsCAD2 was developed specially for Geomatics Land Surveyors, Civil Engineers, Planner and Drafters.

Systems Requirements

GEOsCAD2 v.19 are designed to support with following CAD Platform:

GEOsCAD2 v.19 for ZWCAD Software
ZWCAD 2019 Std / Pro
ZWCAD 2018 Std / Pro
ZWCAD 2017 Std / Pro (SP2 & above)
ZWCAD Pro Classic
ZWCAD 2015 Std / Pro (SP3 & above)

GEOsCAD2 v.19 for AutoCAD Software
AutoCAD Full Version 2012 - 2019

Operating System	Microsoft Windows 7 & 10
Processor	Intel® Core™2 Duo or AMD® Athlon™ X2 CPU or higher
RAM	Minimum 2 GB, 4GB Recommended
Display card	1 GB or more
Hard disk	4 GB free space or 100 GB, 2 GB free space in installation disk
Resolution	Minimum 1024 x 768 or higher



Tools to Accelerate Your Efficiency, Accuracy and Productivity



Add-on can be used in ZWCAD and AutoCAD Software



Short Learning Curve with Manual Guide & Videos

Top 5 Reasons to Use GEOsCAD2



Affordable Cost-Effective Add-on



Permanent & Portable License

Developed By
cadfocus
Made in Malaysia



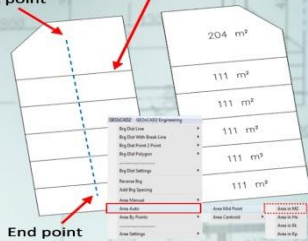
G2 Auto Bearing, Distance & Coordinates Labelling

Label all the Bearing and Distance for every intersect.

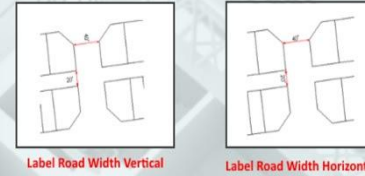


G2 Auto Area Labelling

Start point
Line to align text to
End point



G2 Label Road Width (Vertical & Horizontal)



G2 Spot Level - (Texts & Points)



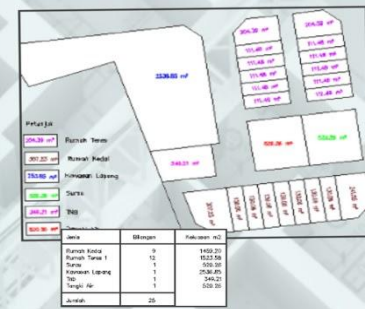
G2 Auto Lot Numbering



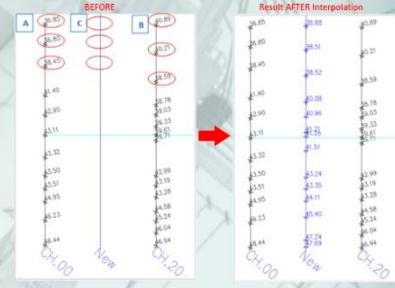
G2 Polygon, Area, Coordinates & Bearing Distance Table



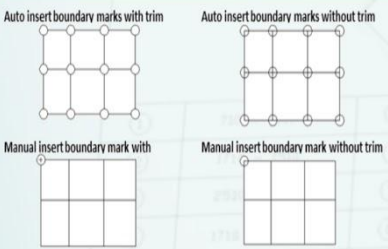
G2 Auto Create Table (Area, Coordinates & Bearing Distance)



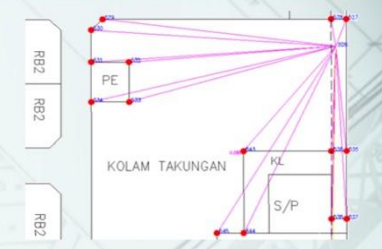
G2 Interpolation (Spot Level, Cross Section & 3D Model)



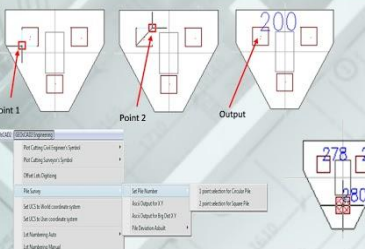
G2 Auto Insert Boundary Marks Symbols



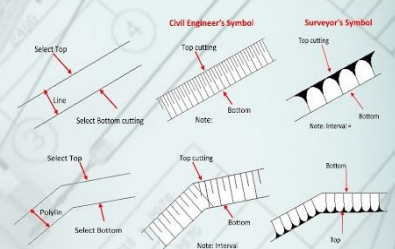
G2 Radiate Line from Station



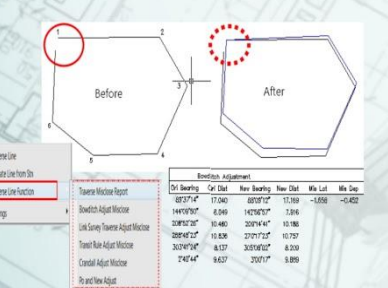
G2 Pile Survey - ASCII Output & Pile Deviation Asbuilt



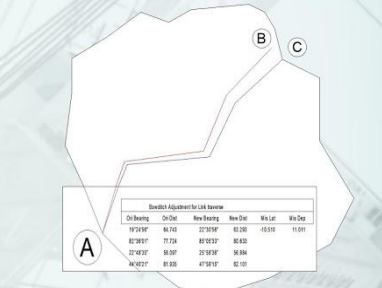
G2 Plot Cutting - Civil Engineer's & Surveyor's Symbol



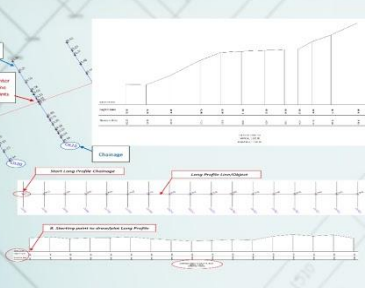
G2 Traverse Line - Misclose Report & Adjustments



G2 Link Survey Traverse Adjust Misclose



G2 Cross Section, Long Profile & Copy CenterLine Points



G2 Triangulation 3D Model (TIN) & Interpolate Spot Level 3D Model

