RELIABILITY
FLEXIBILITY
SIMPLICITY
SUPPORT

WaterNET-CAD is a complete pipes network design software within autonomous CAD environment. Includes design modules for sewer, vacuum sewer and water distribution network facilities. Creates professional reports for bill of quantities (BOQ) as well as reports of hydraulic calculation.

Main features

Autonomous software
Integrated within rich CAD environment
Hydraulic calculation based on EPANET and SWMM computational libraries
Multiple networks in single project
Quick manage of large networks

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Civil engineering Software

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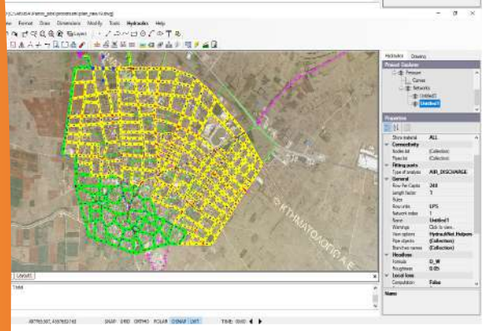
Diolkos3d
Civil engineering Software

WaterNET-CAD

Pipes network design software

Water distribution
Sewerage
Storm water
Vacuum sewer

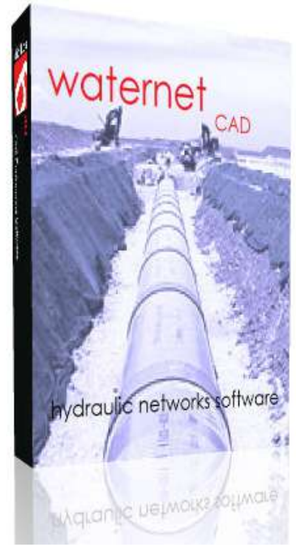


WaterNET-CAD at work for you

CONNECTING YOUR OFFICE TO THE TECHNOLOGY YOU NEED

WaterNET-CAD is a complete pipes network design software within autonomous CAD environment. Includes design modules for sewer, vacuum sewer, storm water and water distribution network facilities. Creates professional reports for bill of quantities (BOQ) as well as reports of hydraulic calculation**.** **WaterNET-CAD** produces design drawings for pipes connectivity in plan, profiles for all branches in network. Trenches sections based on backfill material and pavement restoration type. The program also includes a great number of well-known CAD commands to edit graphic objects such as (Copy, Move, Rotate, Offset, trim etc)

WaterNET-CAD is a complete and robust solution for designing all types of pipes network projects within rich CAD environment. The program offers detailed functionality for quick and easy insertion and modification for network geometry using graphic object modification commands, properties dialog or grips.



CAPABILITIES

- AUTONOMOUS SOFTWARE
- CAD ENVIRONMENT
- MULTIPLE NETWORKS
- EPANET, SWMM LIBRARIES
- WATER DISTRIBUTION
- SEWER NETWORKS
- STORM WATER
- VACUUM SEWER

flexible solution for every day practice

ADVANCED CIVIL ENGINEERING SOFTWARE

NETWORKS DESIGN

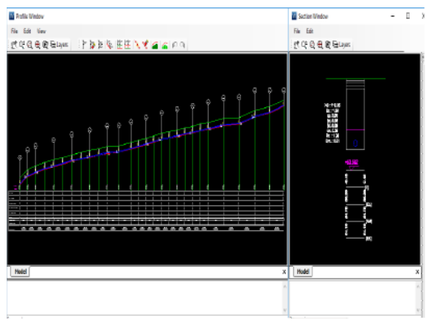
- Automatic subcatchment division. The program automatically divides the building polygons (basins) using the 'roof' algorithm.
- Quick and accurate modeling even for large networks having thousands of pipes and nodes.
- Quality hydraulic calculation based on EPANET and EPA SWMM computational libraries. Compatibility with *.inp file format.
- Survey terrain from 3d faces (TIN). The program reads faces from a user defined layer. If you have terrain surface that is to be changed in later time (e.g additional pavement layer) you can organize each terrain surface in separate layer and design the network for all future cases.
- Reports for bill of quantities (BOQ) and hydraulic computations.

TECHNOLOGY

Slightly integrated within autonomous CAD environment, including all well-known CAD commands to edit graphic objects such as (Copy, Move, Rotate, Offset, trim etc). Export / Import of drawings with file format like DWG and DXF. Raster image insertion capability.

CONSTRUCTION

Import easily the survey data from total stations or GPS using text files. The program generates the horizontal alignment, vertical alignment and the cross-sections of pipelines by using survey points taken in the worksite.



Define construction regions to organize the BOQ tables and drawings (plan, profiles and cross-sections according to different sites along the construction project.

- Automatic subcatchment division.
- Multiple networks in single project.
- Hydraulic calculation based on EPANET and SWMM computational libraries.
- Quick manage of large networks.

AUTOMATION

WaterNET-CAD is automatically computing the geometry of the plan, stations, profile, cross-sections of pipelines in conjunction with the surrounding terrain in every change in alignment geometry. The user conceives the above calculations as a small delay during the commands that the program executes.

SYSTEM REQUIREMENTS

Graphics:	128 MB DirectX
O.S.:	Windows XP, Vista, 7,8,10

SUPPORT

All engineers in support team have special experience in variety kind of road and hydraulic design projects. We offer continuous and direct technical support without any extra fee.