

DDS-CAD

The Open BIM solution for MEP engineers

Data Design System
Euclideslaan 251
3584 BV Utrecht
The Netherlands

Tel.: +31 38 444 95 75

info@dds-cad.com
www.dds-cad.com



DATA DESIGN SYSTEM
A NEMETSCHEK COMPANY



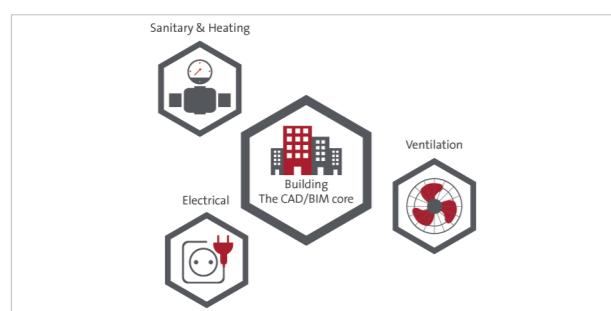
„In order to provide the best possible solution to MEP engineers, we continue to equip DDS-CAD with even more intelligence. Thanks to smart innovations and automated functions, DDS-CAD will radically simplify your daily drafting, design and documentation tasks.“

Rainer Walser, Product Manager

DDS-CAD: The Open BIM solution for MEP engineers

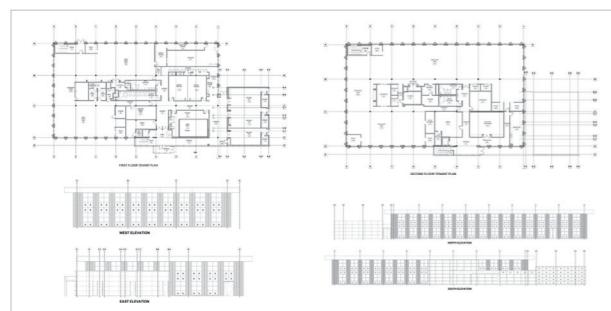
DDS-CAD is a powerful and customizable Open BIM solution for integrated planning of all building services (Mechanical, Electrical and Plumbing). With its in-house developed CAD/BIM core it is one of the fastest and most versatile Open BIM solutions currently available on the market for MEP engineers. The software runs fully stand-alone, not requiring any 3rd party software as a basis.

Fully Modular

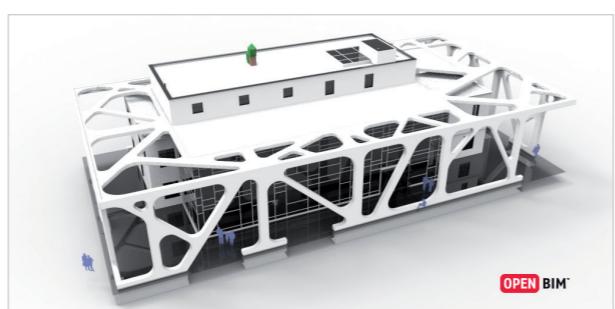


DDS-CAD is not a standard one-size-fits-all software product. Different modules are available in various configurations for mechanical, electrical and plumbing design. The software can be used for single disciplines (e.g. only electrical) or as a multidisciplinary solution. As a user you only invest in the functionalities that are required, increasing your value for money.

DWG, DXF and PDF



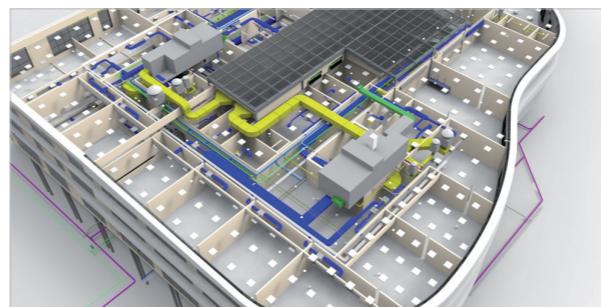
Open BIM



DDS-CAD both imports and processes architectural IFC files that are created by leading architectural software tools such as Allplan, ArchiCAD, Vectorworks and Revit. The intelligent IFC object mapper allows you to reuse and enrich information from the architectural model, tailoring it for MEP calculations and systems design.

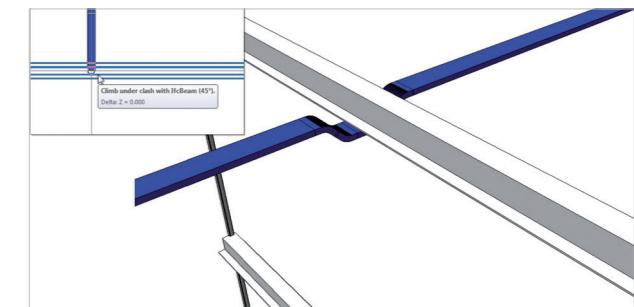
If you do not have access to building models in IFC format, you can still utilize the powerful capabilities of DDS-CAD by using DWG, DXF or PDF as reference floor plans. Based on these source files you can create an intelligent building model by using the BIM Enhancer functionalities. DDS-CAD supports DWG, DXF, 3D DWG and PDF import and export.

Complete MEP design



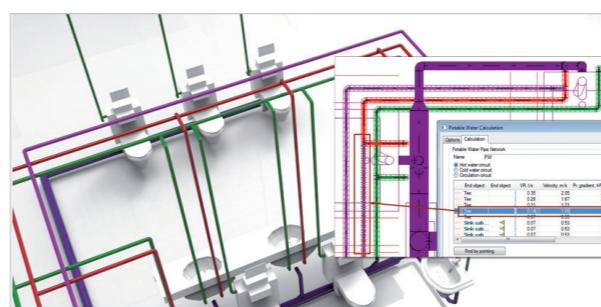
With DDS-CAD you have a complete product suite for drafting, designing and documenting Mechanical, Electrical and Plumbing systems. The compatible and integrated design capabilities provide automated model quality checks, cross-discipline collision detection and real-time clash prevention.

Coordinated designs



With DDS-CAD you produce fully coordinated designs. Most of the BIM software applications on the market offer clash detection functionalities. DDS-CAD, on the other hand, provides advanced real-time clash prevention. Automatically prevent clashes with other MEP systems and even structural elements (e.g. beams and columns) on the go!

Integrated calculations



DDS-CAD differentiates itself from all the other tools by providing real-time, building model based, integrated calculations. For each of the available modules, disciplines specific calculations are available, ranging from volt drop, pressure loss, U-value, heat load, air flow requirements, drinking water, automatic system dimensioning, and more.

Multi-user



Thanks to its modular structure, DDS-CAD provides the perfect basis for a multi-user environment. The modules can be accessed simultaneously on the same project by users on a company network, allowing your users to work within the different disciplines at the same time on each storey of the building model.

Parts lists



With a single mouse click, DDS-CAD generates complete multidisciplinary parts lists that can be sorted on a component, building, storey or room level. A parts list can be used as direct input for procurements software, providing you direct and quick cost estimates of projects.

Product databases



Off-the-shelf, DDS-CAD comes with extensive product databases for the Mechanical, Electrical and Plumbing modules. These databases include the symbol, 2D and 3D representation of generic and parametric products, giving you a solid basis for directly starting your project design and documentation.