

DDS-CAD ProfiTest 9

Intelligent BIM/CAD Core

In-house developed intelligent BIM/CAD core, runs on Windows XP, Vista and Windows 7
Import and export of all common data formats such as DWG, DXF, PDF, IFC and JPG
DXF/DWG converter and editor with intelligent object mapper - "Click & Learn"
Network compatible and multi-user functionalities on a project level
Multiple windows, views (2D, 3D, front view) and any number of plots
Multi-disciplinary project management, customizable automatic title field
Intelligent object selection with preview, symbol creation and editing
Print and plot at any scale with the user friendly "plot wizard"
Structured BOQ (parts list) which can be filtered by zone, storey, room, etc.

Electrical Automation

Bi-directional interface with measure instrument ProfiTest M-series from GMC-I
Automatic production and update of diagrams, schematics, revisions etc. when changes are made
Automatic circuit list report and single line circuit diagrams
Automatic production and update of multi line circuit diagrams
Creation of 2D/3D switchboard layouts with automatic dimensioning
Automatic production of all switchboard views (sides, inside, door, 3D), punching plans and mimic diagrams
Manual and automatic design of circuit, terminal and cable diagrams
KNX device overview, PLC card and patch panel documentation
Planning of control circuit and connection diagrams
Extensive technical database with intelligent symbols and automatic macros
Intelligent component selection and automatic sizing
Flexible definition of sheets and circuit diagrams with intelligent user configuration
Automatic cable and volt drop calculation with length check (e.g. for data cables)
Efficiency factor for end component group, supply, switchboard etc.
Automatic determination of performance from sub distributors to the main feed
Automatic numbering of components, blocks and terminals with unit/local marking and description
Automatic duplicate record check for contacts, components and terminals

