



DDS-CAD ProfiTest 7

EL

Intelligent BIM/CAD Core	04	08	05
DDS developed intelligent BIM/CAD core, runs on Windows 2000, XP, Vista and Windows 7	●	●	●
Import and Export of all common data formats such as DWG, DXF, 3DS, BMP and JPG	●	●	●
DXF/DWG Converter and editor with intelligent symbol recognition - "Click & Learn"	●	●	●
Fully Integrated, powerful DWG/DXF Editor, including "Copy & Paste"	●	●	●
Network functionality and multi-user capability at the project level	●	●	●
Multiple windows and views, any number of drawings (2D, 3D, Zoom)	●	●	●
Multi-Discipline project management, customisable automatic title field assignment	●	●	●
Intelligent Symbol/Component selection with preview, symbol creation and editing	●	●	●
Print and plot at any scale with user friendly "plot assistant"	●	●	●
Structured BOM (parts list) which can be filtered by storey, room, circuit or distribution board	●	●	●

Electrical Automation Functionality	04	08	05
Bi-directional interface with testing instrument ProfiTest from GMC-I	●	●	●
Automatic production and update of affected drawings, sheets, revisions, distributors etc. when changes are made	●	●	●
Overview connection diagrams and single pole circuit diagrams	●	●	●
Automatic production and update of multiple line circuit diagrams		●	●
Creation of 2D/3D switchboard layouts with automatic dimensioning		●	●
Automatic production of all views (sides, inside, door, 3-D), punching plans and mimic diagrams		●	●
Design of circuit diagrams, terminal and cable/terminal diagrams, MSR and documentation			●
EIB circuit summary, PLC card overview, availability of programming and inputs, Network & Data Technology			●
Recording/construction for control circuit diagrams and connection diagrams			●
Extensive technical database with intelligent symbols, components and macros	●	●	●
Intelligent circuit selection circuit and component sizing	●	●	●
Flexible definition of sheets and circuit diagrams with intelligent user configuration	●	●	●
Dynamic cable and voltage drop calculation with length check (e.g. for data cables)	●	●	●
Efficiency factor for end component group, supply, switchboard etc...	●	●	●
Automatic determination of performance from end users of all distribution boards 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	●	●	●