



DesSoft
Design Software

1Des

- Multiple Document Interface
- Open Architecture
- Touch Screen Enabled on certain modules
- Innovative
- Pioneering

1Des — One Design Toolkit for Electrical and Instrumentation Design Documentation



1Des Flexible Power—Useful Innovation

- Powerful software design tool
- User friendly and customizable suiting your specific requirements
- Produce relevant, up to date documents - simple straightforward
- **Accessible, Critical information at your fingertips**

1Des—Effortless Performance

- Cable Length Calculations
- Rack Used Width Calculations
- Rack Weight per unit Calculations
- Motor Sizing
- Cable Sizing
- MCC Load Calculations

1Des—Efficient Document Creation

- | | |
|---|--|
| <ul style="list-style-type: none">• Cable Block Diagrams• Termination Connection Diagrams• Loop Connection Diagrams• Motor Schematic Diagrams• Single Line Diagrams• Motor and MCC Load Lists• Instrument Lists• Document Register• Cable Schedule• I/O Schedule• Card Layouts• Rack Schedule• Cable Routes | <ul style="list-style-type: none">• Datasheets• Hookups• Bill of Material• Fieldbus Network Layouts |
|---|--|

1Des Costing Reports—Reduce Admin

- Motor Costs
- Instrument Costs
- Cable Costs
- Electrical Device Costs



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Creating many useful Documents for Plant Design and Maintenance.





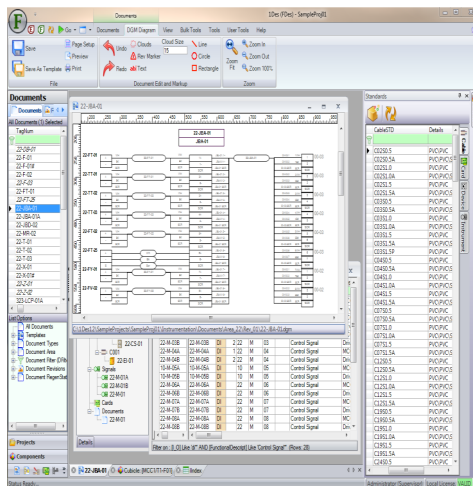
DesSoft
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1Des = EDes + FDes

1Des is FAR MORE than just a drawing tool...

Capabilities and Design Features



Accurate Data:

1Des – Relational Database System ensures accurate data for up to date, relevant plant documentation. Make changes in one place only.

CAD and Database Independent

1Des – Generate drawings in DWG format and populate XLS and VSD files from software installed on your PC or Laptop.

Speed Tools:

1Des – Incredibly productive, straightforward. Time saving design application. Feature-rich fast database building tools:

- Bulk Data Sheet creation
- Bulk Loop Builder
- Bulk Document Builder for Loops and Panels
- Bulk Rebuild - Terminal Strips, Cable Cores, Tag Numbers
- Bus Device Association
- Import Tools per table or multiple tables
- Cable Drum Association
- Bulk Assignment - Manufacturer Standards for Motors, Instruments, Cables, Devices - easy to use drag-drop capabilities

1Des utilizes spreadsheet views of tables, enables quick bulk updates and clear viewing information. Spreadsheet views incorporate multi-column **filtering** methods capable of efficiently **sorting** any field with ease.

Integration to other Systems:

DesSoft P&ID application.

Export Data in tables to various formats (XLS, CSV, TXT).

Simple **P&ID tag extraction tool** effortlessly gathers and **imports information** from DWG P&ID files into your **1Des database**.

User Tools create Interface Files from **1Des database** for:

- Allan Bradley L5K
- MAPS – 1ENG, creating Adroit SCADA and Mitsubishi PLC function blocks.
- Schneider XPG and UAG interface for Unity PLC and Citect SCADA
- Wonderware Galaxy Model builder.

Document Management:

Previous Revisions viewable from your latest revised and saved **1Des** documents, from one central repository folder, anywhere on your network, where you specify.

Change Control:

Monitor changes and additions to specified fields saving user name, old and new values, dates when changes made. Save vital information normally lost.

Now you know who did what, and when!

Three Security Access Levels:

Guest, Designer and Administrator - ensure **NO** unauthorized changes to project.

FREE DGM viewer with red-line capabilities:

Flagging saved changes on your **1Des** database – completes your document maintenance cycles.



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