



Automation has transformed many industries over the years, however technical building services have largely remained unchanged. The current manual engineering processes are prone to human error resulting in inconsistent documentation, programming and a poor customer experience. Clients who want to deliver projects in London, New York or Mumbai to the same quality and exacting standard, without the need to deploy specialist engineering teams are left frustrated. We believe that automation is the answer and it is why we have developed Design Automator®.

Design Automator® is a software solution that automates the engineering process, eliminates human error and delivers system wide consistency, whilst saving both time and money. The solution can be applied to new installations, system upgrades, system migrations and data unification activities.

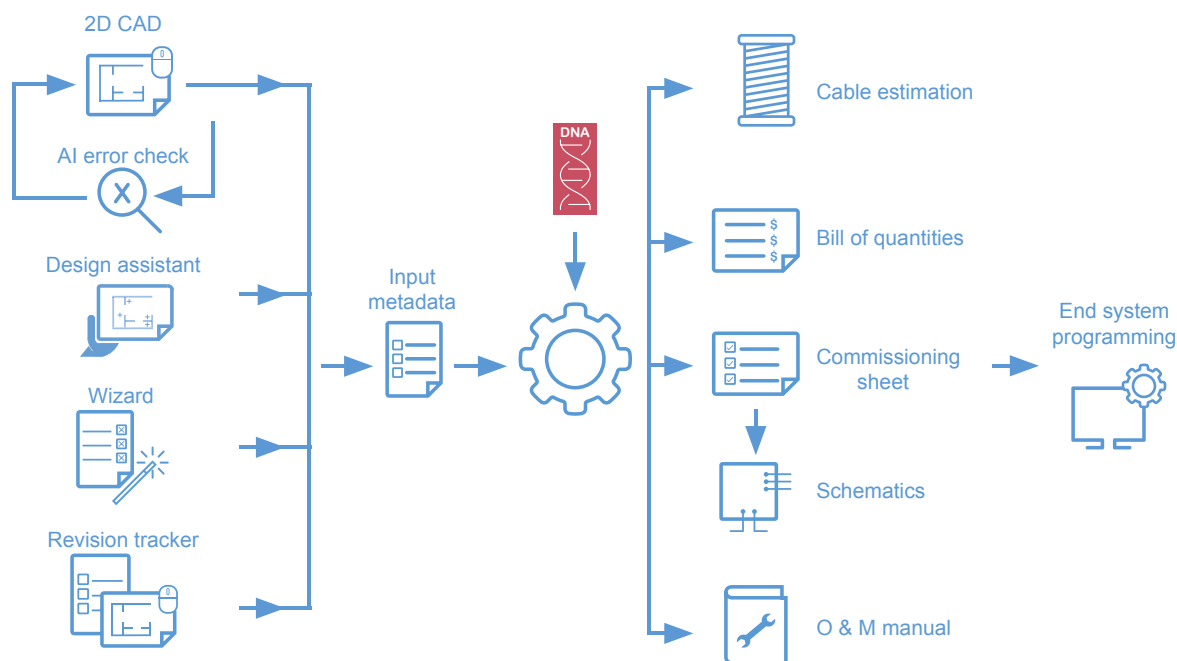
Our solution is a cloud based application so there is no need for expensive hardware and software, all that is needed is a web browser connected to the internet.

The automation process is driven by intelligent icons whereby clients can use CAD or design assistant, using the drag and drop tools. This allows our

clients to automatically check for errors in their CAD drawings prior to engineering. Design Automator's® DNA feature is the single reference point for all operational polices. It stores system parameters, device behaviours and costing information etc., all which drive consistency. The software then generates a bill of quantities, commissioning sheets, schematics and O & M manuals. These are just a few of the features that Design Automator® offers. Furthermore all of the functions and features are conducted without the need for manual and inconsistent data entry tasks, thus delivering accuracy, consistency and productivity.

### Client Benefits

- ⚙️ Eliminates risk of human error
- ⚙️ Enhances data accuracy & consistency
- ⚙️ Standardises system naming conventions
- ⚙️ Improves system quality & usability
- ⚙️ Reduces project execution time
- ⚙️ Increases productivity
- ⚙️ Saves time & money
- ⚙️ Delivers outstanding customer experience



### Cable Estimation

- Allows you to generate an estimate of cabling requirements
- Checks the validity of cable installation quotations
- Request quotations based upon these cable distance estimations

### Bill of Quantities

- Detailed costed schedule of all end device hardware, commissioning and installation
- Commissioning and installation time summary

### Commissioning Sheet

- Access controller set-up details
- Schedule of all end devices to be commissioned
- GPS co-ordinates

### Schematics

- Physical layout of circuit boards
- Wiring connection diagrams
- As installed record of access control panel

### O & M Manual

- Door specific O & M manual
- As-installed photo's option
- Includes replacement costs

