Quantity & Quality

AutoCAD Electrical 2017

Customers often ask what the quality and quantity of output will be when AutoCAD Electrical is implemented.

Quantity of output can be calculated using the *Return On Investment* available on request through Cadline.

However, this can only qualify the time saved in design and does not take into account the biggest saving… manufacturing.

With regards to what effect AutoCAD Electrical has on quality, this really depends on what quality the drawings are drawn in the first place by the customer.

However, what AutoCAD Electrical does ensure is that all drawings will always be consistent whoever was responsible for the drawings and that mistakes are reduced down to design flaws rather than errors such as duplication of numbers.

AutoCAD Electrical also ensures that documentation that was previously produced under duress can be produced in a matter of seconds instead of hours. This ultimately means that there are fewer mistakes made both in the design process and in manufacturing. Even fault analysis or maintenance times are dramatically reduced as better documentation ensures that problems are located quicker.

The reduction in manufacturing errors can often be hard to quantify in terms of a financial gain as no one likes to admit to mistakes. However even simple errors such as a faulty component label or same day delivery when an auxiliary contact block is missing can mean last minute ordering with costs spiralling out of proportion. This is ultimately what decides whether a company has financially made a profit.

AutoCAD Electrical is supplied with the following electrical standards IEC60617, IEC61082, IEEE, JIC, NFPA, JIS, GB, AS. A ISO1215 pneumatics, ISO1215 hydraulics and S5.1 PID library are also contained. Additional content and libraries are uniquely supplied by Cadline.

Ultimately with AutoCAD® Electrical, you don't have to choose between Quality over Quantity but can have Quality AND Quantity!