



## EFFECTIVE ELECTRICAL SAFETY AND COMPLIANCE REQUIRES BEST OF BREED SOFTWARE

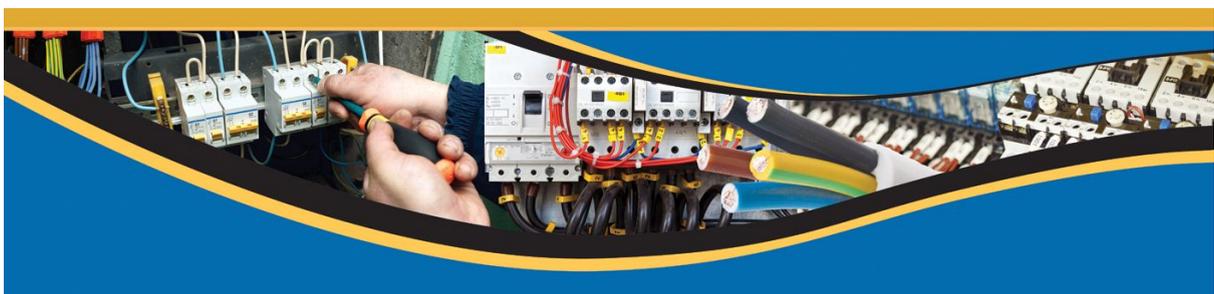
***The safety certification of electrical systems requires specialist electrical inspection and testing skills. The resulting certification requires specialist software to ensure the records and are effectively stored and maintained. General compliance, CAFM, BIM or asset management systems do not, and have no interest, in providing the level of detail required to effectively manage electrical compliance information.***

Electrical compliance management is a specialist field with unique challenges due to changes in electrical standards, regulations and electrical components. Keeping track of these changes is not something that general asset management and compliance management systems do - nor is it in their interest to do this for a single compliance discipline.

In today's world of outsourcing where the electrical work is tendered to facilities management companies who in turn outsource the work to subcontractors the Intelligent Client Function (ICF) requires specialist tools to function effectively. This applies especially to electrical compliance. The ICF needs electrical data and information that can shine a light on areas which are difficult to review, measure and manage.

An estate with 500 buildings can have up to 15,000 circuits - this would result in about a minimum of 30,000 pages of test results, with 1,000's of recommendation that need to be processed. This is a project management, electrical compliance and data management challenge. Existing CAFM (Computer Aided Facilities management System) and Asset Management systems provide limited information on all assets - providing component level details would increase the number of records to maintained by a factor of 20 or 30, for example, asset management systems track electrical distribution boards, they do not track the details or last test status of the distribution boards circuits - the average distribution board has 20 to 30 circuits, hence a 20 to 30 time increase in assets to be tracked if electrical circuits are included in the asset management systems.

Tracking the compliance of each circuit is not possible without a system that electricians, electrical designers, electrical qualifying supervisors, compliance managers can use. Usually the solution is for the each electrician to provide their own system - this results in a disparate set of systems producing PDF's, word documents and excel sheets which are difficult to control and impossible to extract management information.





A cloud based system with appropriately controlled permissions, that automates the data management process, where data is entered once and used many times, is required.

Our experience over the past 10 years is that is that experienced electrical contractors, electrical managers and engineers regularly fall into the trap of thinking that testing 15,000 circuits is the same as testing 150 circuits - it is not - the volume of data brings even the most hardened electrician to his knees. The result is frustration, delay, rework, lost data and failed projects. This is not uncommon and is caused by processes and systems that are not suited to the unique challenges of managing electrical compliance.

Electrical compliance is challenging due to the volume of work, the disruption that it causes and the need to track the status of each circuit and each recommendation. General asset and compliance management systems do not have the specialist features and functions required to capture, automate and track the data required to properly manage electrical compliance.

#### About EDIS:



EDIS is a best of breed system - the electrical niche it services is a specialist area covered by a BS7671 (IET Wiring Regulations). The EDIS system features and functions have been refined over the past 10 years. It is used by hospitals, corporations, councils and the largest national facility management companies to elegantly manage their electrical compliance responsibilities.

EDIS answers three difficult questions:

- Are we electrically compliant?
- Can we prove it?
- What do we need to do to remain compliant?

EDIS proactively tracks the changes in regulations and updates the specialist features and functions as required. Over the past 10 years EDIS has consistently released new



features every quarter to meet regulatory requirements and support the productivity of electricians, designers and compliance planners. Generic compliance and asset management systems cannot match the “Best of Breed” service that EDIS provides.

EDIS automates the data processing and making the data available and accessible. EDIS ensures detailed data is entered once by the electrician as part of the compliance certification process, it then automates the updating, reporting and tracking of immediate and future electrical compliance tasks. Saving a lot data collation and filing time, improving information access, accuracy and availability.

EDIS powers Smarter EI&T® providing a faster, cheaper and better way to plan, manage and deliver electrical inspection and testing programmes and the ongoing management of electrical compliance..

[www.electricalcertificates.co.uk](http://www.electricalcertificates.co.uk)

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