



EDIS ELECTRICAL COMPLIANCE MANAGEMENT SOLUTION

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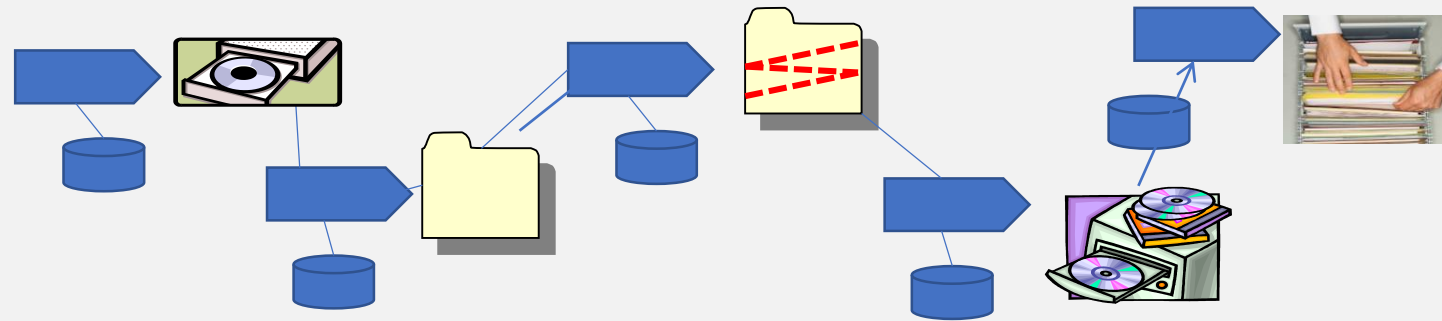
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- EDIS AUTOMATED THE CREATION AND MANAGEMENT OF ELECTRICAL COMPLIANCE DATA FOR LARGE ESTATES
- EDIS ALLOWS ELECTRICIANS TO EASILY CREATE ELECTRICAL CERTIFICATES USING A MOBILE APP, EXCEL OR BROWSER
- EDIS ALLOWS DATA TO BE CAPTURED ONCE AND RE-USED FOR REPORTING, PLANNING AND CREATION OF ADDITIONAL CERTIFICATES
- BY AUTOMATING DOCUMENT MANAGEMENT, ELECTRICAL CERTIFICATE CREATION AND DISTRIBUTION BOARD SCHEDULE DATA EDIS SAVES TIME, MONEY AND IMPROVES THE MANAGEMENT OF ELECTRICAL COMPLIANCE
- ELECTRICAL TESTING PLANNING IS IMPROVED, COMPLIANCE REPORTING IS IMPROVED AND RISKS ARE REDUCED

THE PROBLEM : A BROKEN PROCESS

Different systems, Different file formats, Difficult to consolidate, track and share data

AS-IS



INSTALLING

MAINTAINING

PLANNING

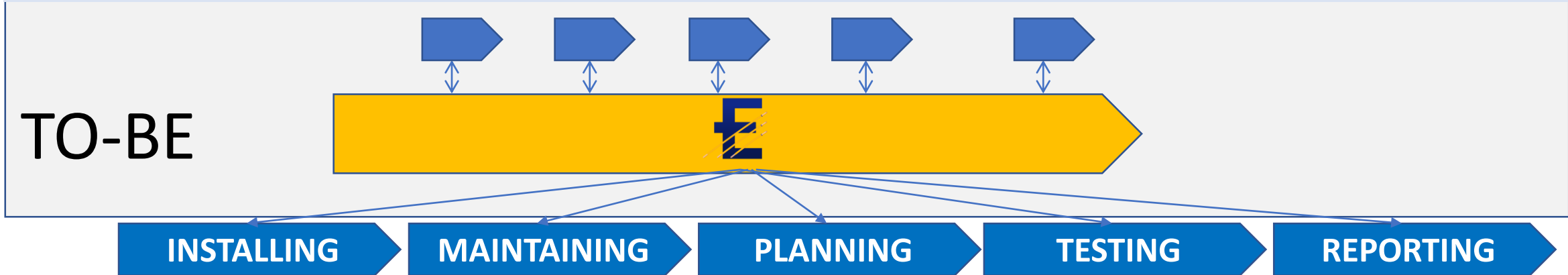
TESTING

REPORTING

- Large estates have 100's electrical distribution boards and 10,000's of circuits that need to be inspected and tested.
- The volume of boards, circuits, test data and observations is large and defeats the most dedicated administrators, electricians and planners
- The different systems and formats required a large effort when managing, planning and reporting electrical compliance
- The manual processes of creating, storing and retrieving the data is not fit for purpose in a digital world
- The EDIS system solves this problem.

EDIS SOLUTION – DATA AND DOCUMENT AUTOMATION

Single centralised system, standardised process, better visibility, access, sharing of all the information

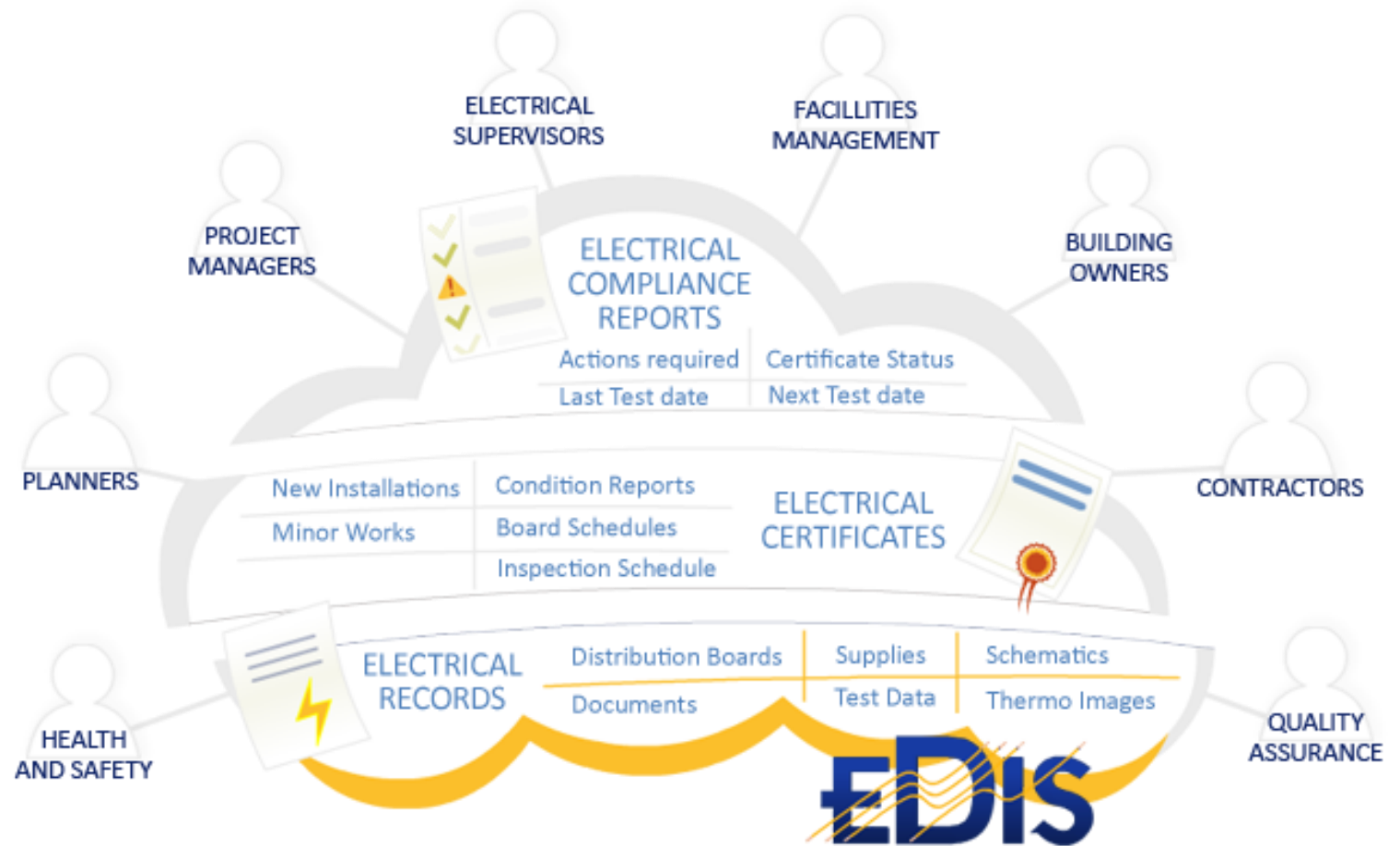


- EDIS Automates the document management for electrical compliance
- Data is entered once and all documents, reports, tracking is available from a single centralised system:
 - Electrical distribution board schedules are created
 - Electrical certificates can be created
 - Electrical compliance reporting is generated
 - Sharing of data is simplified
- A single common data base simplifies the process of creating certificates, planning, reporting and sharing information

EDIS POWERS SMARTER EI&T ®

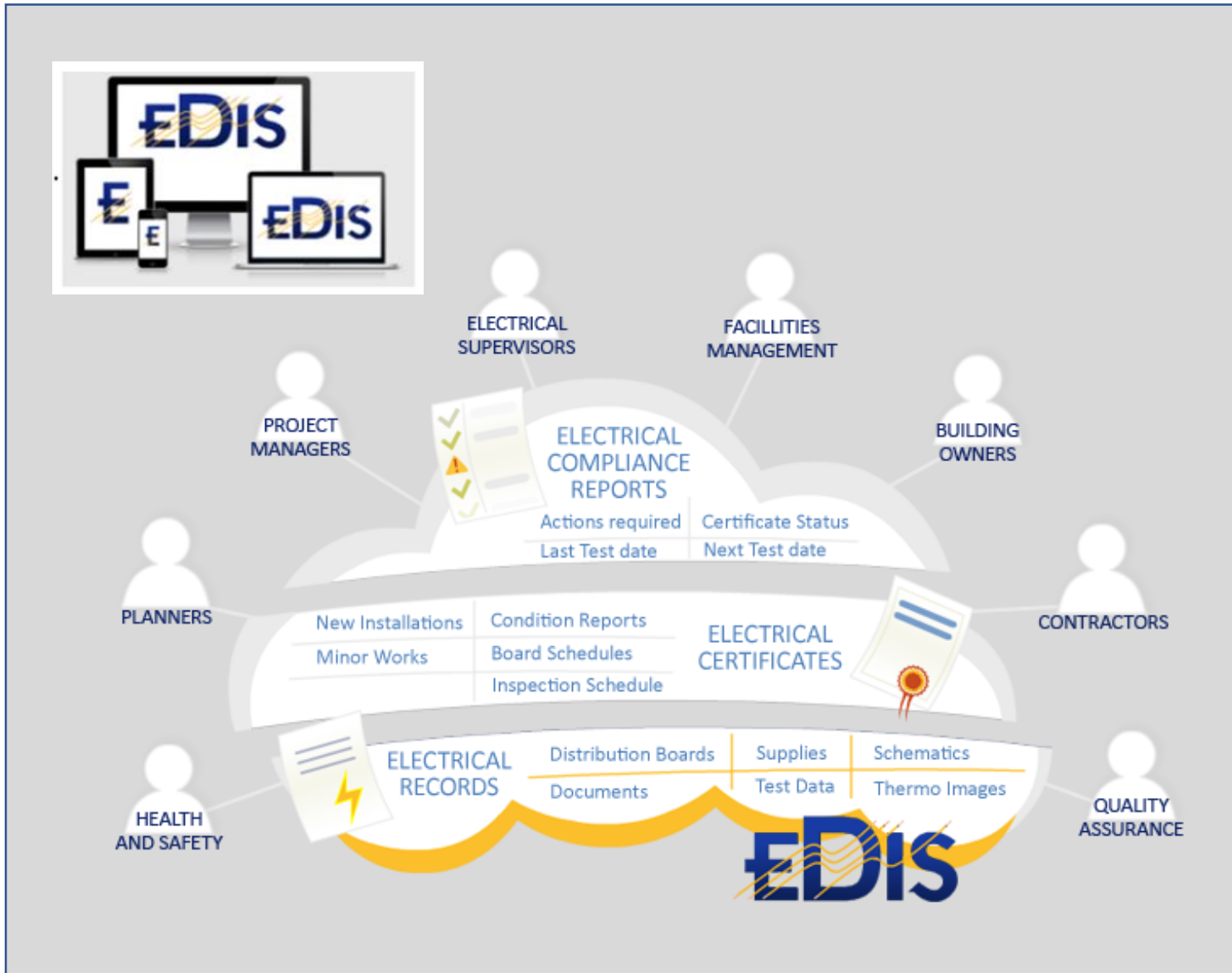
EDIS AUTOMATION

TESTERS, ELECTRICIANS
AND CONTRACTORS
CAPTURE DATA BY
COMPLETING ELECTRICAL
CERTIFICATES



**EDIS AUTOMATION ENABLES DATA REUSED FOR REPORTING,
CERTIFICATES DISTRIBUTION BOARD CIRCUITS AND PLANNING**

ABOUT EDIS



Royal Free London
NHS Foundation Trust



EDIS FEATURES

EDIS provides an estate-wide electrical certificate software solution aligned with BS7671. EDIS provides a single data store, one version of the truth, for all electrical data across your estate.

The EDIS system automates the creation and management of electrical certificates. The resulting benefits include :

- Automated record keeping
- Automates electrical compliance reporting
- Improved data accuracy and reliability
- Reduced rekeying of data
- Reduced cost of compliance management
- Tracks all electrical certificates to completion and storage
- Stores the data for summary and detail reports
- Saves time and effort in storing, finding and retrieving data

Electrical certificate software features include:

- Quickly create electrical installation condition reports
- Quickly create new electrical installation certificates
- Quickly create electrical minor works certificates
- Excel templates for condition reports, new installation certificates, and minor works certificates
- Automatically updates of board schedules, distribution networks, and other electrical distribution information
- Securely stores electrical certificate data and documents for future use
- User interfaces including Excel, browser, PC, phone or tablets
- Offline or online mode
- Permission management that ensures the right access for the right persons

COMPLIANCE MANAGEMENT

Compliance Summary Report											
Estate:	Demo										
	TESTING DUE IN										
Building Name	Now	Next 3 Months	Next 3-6 Months	Next 6-9 Months	Testing due and Planned	Testing not due	Testing not due & Planned	Spare Circuits	Non-Spare Circuits	Total Circuits	%Due
Cross Hospital	5,683	258	327	-	-	943	9	3,295	6,626	9,921	86%
Chiselsmith Hospital	4,456	864	44	-	-	919	11	6,292	5,375	11,667	83%
Hospital for Women	-	-	-	-	-	-	-	-	-	-	0%
St Patrick's Hospital	3,197	-	-	57	-	475	87	1,646	3,672	5,318	87%
Southern Hospital	-	-	-	-	-	1	1	53	1	54	0%

The real value addition from EDIS is the ability to report on compliance for status reporting, Test planning and Test scheduling

COMPLIANCE MANAGEMENT

Detail list of all actions required following testing

Item Number	Board/Circuit	Item Text	Severity Code	Current State	Status	Comments
3		Unable to verify the main earthing conductor supplying FI	FI	action required	open	
74	B-E-S DB, 2 L2	LIM Zs as unknown circuit/IR requires FI.	FI	action required	open	
76	B-E-S DB, 4 L2	IR requires FI.	FI	action required	open	
81	B-E-S DB, 7 L1	LIM Zs as unknown circuit/IR requires FI.	FI	action required	open	
82	B-E-S DB, 7 L2	LIM Zs as unknown circuit/IR requires FI.	FI	action required	open	
83	B-E-S DB, 7 L3	LIM Zs as unknown circuit/IR requires FI.	FI	action required	open	
41		B/N/3 - MCB schedule missing/incomplete	C3	action required	open	
61		Staircase Lighting No 2 - Excessive rust within DB	C2	action required	open	
42		B/N/3 - Labelling of accessories required	C3	action required	open	
30		Basement Calorifier - 400V label missing	C3	action required	open	
5		DB 1 - Unknown electrically energised circuits	C2	action required	open	
27		B/N/6 - Circuit schedule missing	C3	action required	open	
40		B/N/3 - Labelling of DB required	C3	action required	open	
69		Staircase Lighting No 2 - Excessive oxidation present	C2	action required	open	
64		Staircase Lighting No 2 - MCB schedule missing/inco	C3	action required	open	
43		B/E/3 - Neutral cover missing	C3	action required	open	
20		B-E-S - Trunking lid missing	C3	action required	open	
25		B/N/6 - Recommend DB is replaced	C3	action required	open	
56		Staircase Lighting No 1 - Labelling of accessories req	C3	action required	open	
44		B/E/3 - Circuit schedule missing/incomplete	C3	action required	open	
57		Staircase Lighting No 1 - Biza lid missing	C3	action required	open	
29		Basement Calorifier - Sub mains require tracing	C2	action required	open	
48		B/E/3 - Labelling of accessories required	C3	action required	open	
45		B/E/3 - Unknown electrically energised circuits	C2	action required	open	
9		DB 2 Carpenters Workshop - Circuit schedule missing	C3	action required	open	
35		B/N/3 - Debris in DB	C3	action required	open	
4		DB 1 - Circuit schedule incomplete	C3	action required	open	
2		LP/1 - Single socket outlet located within 30mm of wa	C2	action required	open	
55		Staircase Lighting No 4 - MCB schedule missing/inco	C3	action required	open	

Management summary of Actions Required

Certificate	C2	C3	FI	LIM
107024	27	68	1	
open	27	68	1	
107032	23	46	6	
open	23	46	6	
107482	1		21	1
open	1		21	1
107483		2	45	
open		2	45	
(blank)				
(blank)				
Grand Total	51	116	73	1

After the testing cat errors are tracked and managed to completion

WHAT WILL EDIS PROVIDE?

- ON BOARDING AND IMPLEMENTATION PLAN
- DATA CAPTURE
- ONGOING TRAINING
- ONGOING SUPPORT
- QUARTERLY REPORTS AND MEETINGS

	Outcome	SEPT	OCT	NOV	DEC
BUILDINGS	All building data is captured on the systems	* Confirm the building list * Capture the building data into EDIS			
DISTRIBUTION BOARD DATA	Existing distribution board data is captured on the system	* Collate distribution board data * Prepare list of boards per building	* Capture distribution board data	* Capture distribution board data	
USERS	Key users are identified, consulted and informed on the system implementation.	* Identify key users within the council * Obtain list of contractors and key users within that community	* Ensure user receive monthly reports	* FIRST QUARTERLY MEETING	
MASTER DATA UPDATES	Master data used in lookup tables updated to suit the council requirements				
WORK INSTRUCTIONS	EDIs work instructions are aligned with the council way of working and requirements	* Review EDIS work instructions with Council engineering and compliance.			
USER COMMUNICATIONS	All stakeholders informed of the EDIS system purpose and benefits and their roles in the EDIS success	* Initial 'About EDIS' communications *	* Communications to contractors		
TRAINING	* Initial training for new users * Ongoing training for new users	* Council user training * Existing projects training for users	* Contractor training	* Contractor training	* Contractor training
PROJECTS	Identify existing electrical projects where the implementation work needs to be expedited	* Identify existing projects so that the data capture work can be expedited for this areas. * Train existing project users to use the system	* Identify pipeline of projects that are planned * Confirm that any new work and projects are trained and using EDIS		

NEXT STEPS

- System demonstration
- Further questions
- Review of costs and benefits

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