



# EDIS ELECTRICAL COMPLIANCE MANAGEMENT SOLUTION

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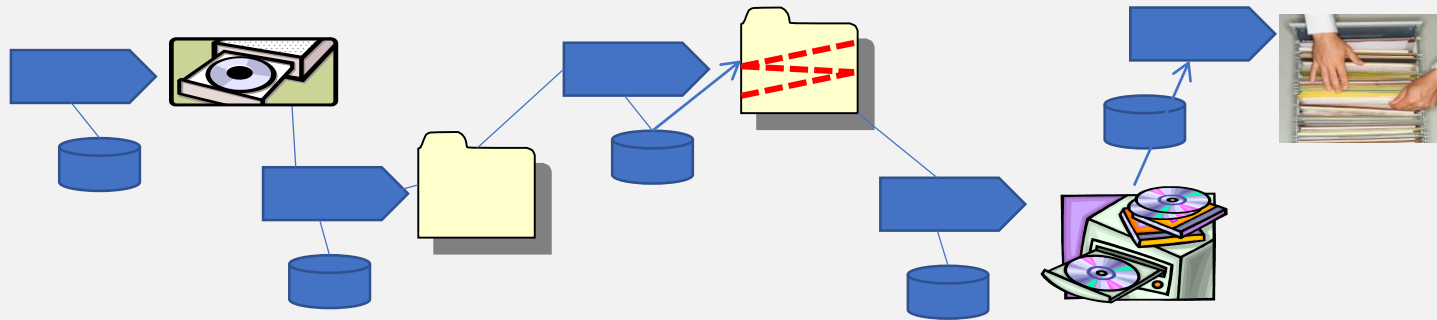
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# THE PROBLEM EDIS SOLVES : EDIS FIXES A BROKEN PROCESS

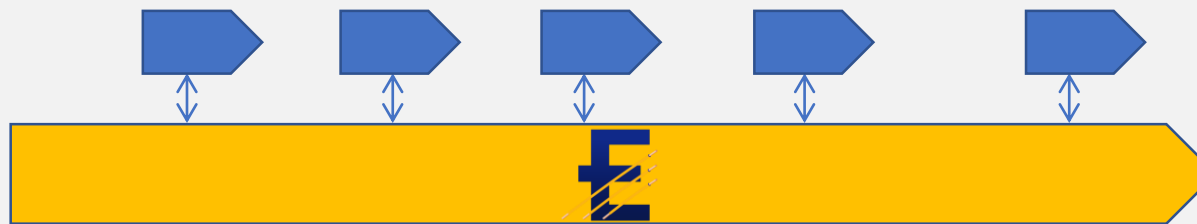
Disparate systems, different file formats, Difficult to consolidate, track and share data

AS-IS



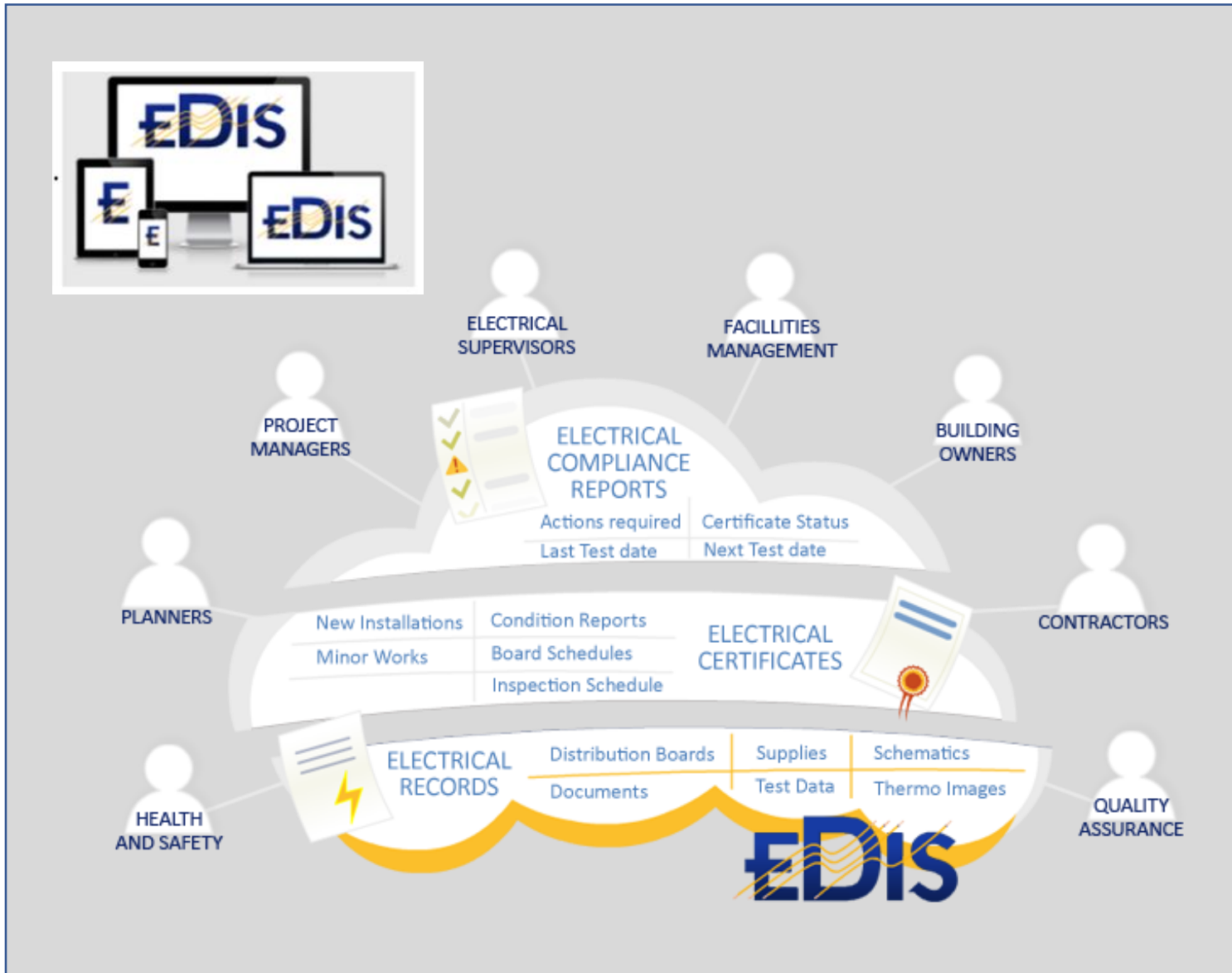
Single centralised system, standardised process, better visibility, access, sharing of all the information

TO-BE



**EDIS** POWERS SMARTER EI&T ®

# ABOUT EDIS



**Royal Free London**  
NHS Foundation Trust



# 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%  |
| <b>Chiselsmith Hospital</b> | 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<br>* Capture the building data into EDIS  |   |                                   |                       |
| DISTRIBUTION BOARD DATA | Existing distribution board data is captured on the system  | * Collate distribution board data<br>* 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<br>* 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<br>*  | * Communications to contractors   |                                   |                       |
| TRAINING                | * Initial training for new users<br>* Ongoing training for new users                                  | * Council user training<br>* 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.<br>* Train existing project users to use the system | * Identify pipeline of projects that are planned<br>* 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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