

## INTRODUCTION

Service Birmingham Ltd are a specialist company that are employed by Birmingham City Council to manage their IT services. Following the decision to provide power backup facilities at three site, Breese and Earle Electrical Services Ltd were employed by Service Birmingham Ltd to install UPS's and generator services. Working in partnership with our key associate Shenton Group, two 72KVA generators and a 140KVA generator were installed to provide back up power facilities for communication equipment and air conditioning services. As part of our works, we have also installed an 80KVA UPS and three 20KVA UPS's to provide seamless back up power services to communication equipment working in conjunction with the aforementioned generators.



### DATA

|                                    |                                    |
|------------------------------------|------------------------------------|
| Type of Installation:              | Industrial                         |
| Size:                              | N/A                                |
| Number of Floors                   | N/A                                |
| Building Contractor:               | Secure-a-Field                     |
| Architect:                         | N/A                                |
| Quantity Surveyors:                | N/A                                |
| Consulting Engineers: (Client)     | N/A                                |
| Consulting Engineers: (Contractor) | Breese & Earle (Contractor Design) |

### SCOPE OF SUPPLY

Breese and Earle Electrical Services Ltd were principle contractor for the electrical installation and included the following elements of supply:

- Lighting
- Power
- Mechanical Services
- Mains
- Generator Bases and Fences
- Relocation of Air Conditioning Systems
- Energy Efficient Lighting Controls
- AMF Panels
- UPS Changeover Switches

### KEY SUPPLIERS

|                         |               |
|-------------------------|---------------|
| Electrical Accessories: | M.K           |
| Mains Equipment:        | Square D      |
| AMF Panels:             | Shenton Group |
| Generators:             | Shenton Group |
| UPS's:                  | Riello        |
| Trunking:               | Legrand       |
| Drawing Software:       | AutoCAD       |

### KEY PARTNER SPECIALISTS

|               |               |
|---------------|---------------|
| Generators:   | Shenton Group |
| Distribution: | Square D      |
| UPS's:        | Riello        |