



Alan Campbell Engineering Services

L I M I T E D

## WHAT DO WE DO?











ACESL provides a comprehensive communications and network power electronics service and repair capability, both on-site and in our own specialist workshops.

We are committed to a philosophy of total customer satisfaction and seek to establish close working relationships with our clients so that we can always fully meet your individual needs, requirements and priorities.






Repairs are undertaken at our own premises, in a 'static safe' environment and fully tested. In addition to repairs we can often provide service exchange units from stock or source unique items from our worldwide supplier network, where this is the more cost effective option.

### General Products

-  Power Supplies
-  Rectifiers
-  Battery Chargers
-  Process Controls
-  Electronic Instrumentation
-  Alarm and Monitoring Panels
-  General Communication Equipment and PCB's
-  UPS Systems



### Services

-  Workshop Repair
-  On-Site Attendance
-  Service Exchanges
-  Retrofits
-  Maintenance Contracts

Backed by a comprehensive stores facility and a full on-line library of manuals, our engineers undertake repairs on both current production and obsolete items. Where OEM data is unavailable, our engineers are technically capable, to produce their own repair drawings, specifications and test procedures.

T 01270 878042 - F 01270 879156  
Building 2, Units 5 – 7, Radway Green  
Crewe, Cheshire, CW2 5PR

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## NETWORK POWER

Large capacity Power Supplies, Rectifiers and Battery Chargers supply the raw power to run Data Centres, Telephone Exchanges and Communications Centres. They are no longer classed as 'Simple Power Supplies' and now offer Power Factor correction and Parallel Loading, meaning they can be connected together to produce very high current ratings.









Our workshop facilities are set up to provide full load current (up to 200A at 54V DC) on most manufacturers of Power Supplies, Rectifiers and Battery Chargers.



### Services Offered

-  Workshop Repair
-  Full load testing
-  On Site Attendance
-  Refurbishments
-  Fast Swap-out \*

### Products Covered

-  Helios / Nortel Rectifiers
-  Advance Power Supplies
-  Eltek Power Systems
-  Power-One Systems
-  Duvine Rectifiers
-  Harmer and Simmons
-  Monitoring and Switching Systems
-  CE&T Inverters



\* Subject to availability.

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## AIR HANDLING UNIT CONTROLLERS

Keeping a data centre cool is the job of the Air Handling units. These systems are responsible for monitoring all aspects of humidity and temperature fluctuations within the centre, ensuring they are fixed at predetermined levels independent of outside temperatures.

If a unit should fail then temperatures could rise or fall, bringing problems to any installed electronics and in severe cases, causing system shutdowns.

At ACESL, we have developed test bed systems too allow our engineers to simulate these controllers (along with their partner keyboards / keypads) outside of their main systems, allowing us too quickly identify and correct and faulty components. Only when these tests pass, do we release the units for reinstallation into their respective housings.



### Products Covered

-  Landis & Gyr
-  Staefa
-  Satchwell Controllers
-  Other Manufacturers on request

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## MAINTENANCE CONTRACTS

*24/7/365 ELECTRONIC, ELECTRICAL AND MECHANICAL CALL-OUT SUPPORT*









Modern communication and data centres are now fully automated using the latest communication and power technology. These systems are often inter linked with other computer systems and designed to run 24 hours a day, 365 days a year with only very small window for preventative maintenance. When these systems fail, parts of a network can be disrupted leading to loss of services.

By taking up a maintenance contract with ACESL, we can minimise these losses by responding to breakdowns within an agreed response time and getting customer systems back on line with a minimum of delay. By integrating our preventative maintenance schedules within a contract, we can often prevent failures long before they arise. Our preventative maintenance programs can be scheduled around any annual shutdowns, customers may have.

### Options

-  Consignment Stock Holding
-  Off Site Stock Holding
-  Repair Contracts
-  Banked Hours \*
-  Maintenance Support Contracts
-  Software Support Contracts
-  Global Resource Assistance

### Contract Benefits

-  Guaranteed engineering assistance and support
-  Preventative maintenance programs
-  Choice of response times
-  Labour only, Parts only or a combination of both
-  Free of charge site survey
-  Fully documented site survey
-  New for Old replacement programs
-  Software and Configuration backups

\* Please see our terms and conditions for service and projects. These are available on request from our head office.

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## **QUALITY**



As a business we seek to ensure the highest quality in our work and in all contact with us. We only employ skilled and experienced staff, with all service and repair work undertaken by specialist electronic engineers (many of who are OEM trained) in accordance with detailed repair protocols that ensure accurate diagnosis and quality repairs.

All completed repairs are individually tested both at bench level and where appropriate, on dedicated test rigs to simulate user applications. The tested unit carries a unique identification number that allows complete trace ability of the repair and access to the history of any work that has been undertaken by us on that unit. Once tested, repairs are packed in anti-static bags and sealed for despatch.

All repairs are guaranteed\* for a minimum of 6 months and extended guarantees are available at additional cost to suit customer requirements. In addition to repairs and service, we can offer comprehensive training for customer staff, either in-plant or where appropriate, at our own workshops. Training courses are created and adapted to suit individual needs of the customer and experience of the trainee.

We appreciate that some repairs will be time critical and offer a 24-hour emergency service for both repairs and on-site service. A 24-hour customer service line is available for emergency repairs and service call out. Repairs may be sent to us, or collection arranged. We can also provide skilled engineers to attend on site to fault find, repair or maintain equipment.

All items received at our premises, are assessed by trained engineers and subjected to a comprehensive fault diagnosis. Once diagnosed, the full repair price (inclusive of parts and labour) is confirmed to you with a repair completion time.

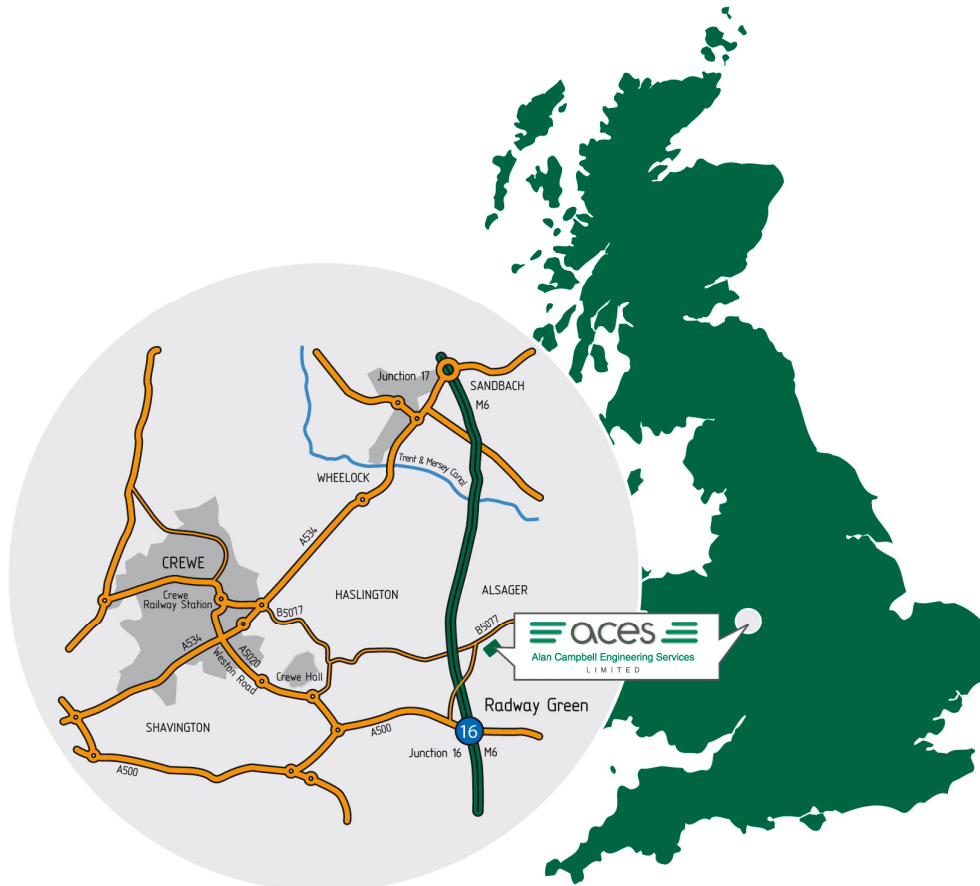
**+44 (0)1270 878042**

\* Please refer to our guarantee policy for full details

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 **HOW TO FIND US**



**Directions**

Leave the M6 motorway at Junction 16 and head towards Alsager on the B5078. Continuing on the B5078 for approximately 1.2 miles and just before the Railway Level Crossing, take a right into Radway Green Business Centre.

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