TRUst Remote Monitoring and Control System (RMCS)

Cathodic Protection Co Ltd’s Remote Monitoring and Control System (RMCS) allows you to check and modify outputs from your cathodic protection power supplies and monitor overall performance from any remote computer or mobile device, giving you complete freedom and versatility.

The RMCS is entirely customisable to reflect the requirements of individual systems and sites.

T: +44 (0)1476 590666
E: cpc@cathodic.co.uk
www.cathodic.co.uk
The Information You Need... 

...Anywhere

- Remote connectivity by GSM/GPRS, 3G and others
- Local connectivity by RS485 or Ethernet, fibre or copper
- Local server or cloud-based software, customised to your needs
- Applications for steel in concrete (compliant with BS EN 12696:2012), pipelines, tank farms, in-plant pipework and more
- Retrofit to non-CPCL power supplies
- International experience and support

RMCS for the monitoring and control of:
- Switch Mode Power Supply
- Thyristor TR units
- Reference electrode monitoring
- Anode output monitoring
- Environmental monitoring

Access to the system can be via:
- PC with internet connection using web browser software
- PC connected to RMCS controller LAN
- Laptop at RMCS controller
- Optional HMI 5.7" touch screen LCD display built into RMCS controller
- Internet enabled devices, (e.g. iPad or Android phone)
- Laptop with WiFi when RMCS controller includes a WiFi hub

The RMCS includes the following functionality:

**TR unit monitoring**
- DC output voltage & current
- Monitoring of reference electrodes, decay probes, temperature, humidity and mains input

**TR unit control includes**
- Mode (constant voltage, current and auto potential)
- Output set point & limits

**Data logging**
- Can log DC voltage, current and reference electrode on and instant off potentials
- User configurable intervals

**Instant off**
- Supports automated instant off tests

**Depolarisation**
- Supports automated depolarisation tests

**Alarms**
- Monitoring of active and historical alarms
- Alarm thresholds for DC voltage, current and reference electrode potentials are user configurable
- Alarm alerts by SMS or email

**Logged data download**
- Log data can be exported in MS Excel compatible format

**Documents**
- Documents are stored on the RMCS, such as manuals, drawings and site diagrams

**True Synchronisation**
- Fully synchronised switching by internet time or GPS

T: +44 (0)1476 590666
E: cpc@cathodic.co.uk

www.cathodic.co.uk