Auto-Dialer Fault Signalling System

An annunciator panel was installed within an 11kv Substation. Signals from this panel had to be relayed to maintenance engineers on a 24 hour basis. The proposed XFI system had not been installed and tested so a temporary system had to be realised.

It was proposed to install an AutoDialer system which would automatically send a telephone message to the maintenance staff in the event of a fault occurring.

A Cooper Menvier SD1+ Speech Dialer was installed and tested and to date has been in place for two years.



Key Points;

- 1. A cost effective early warning system.
- 2. A number of engineers can be informed of a fault by the system.
- Smooth running of the equipment can be safeguarded. Loss of the 11kv Substation would result in large cost implications through loss of power to manufacturing base.
- 4. For installers it is unfailingly reliable, has a sophisticated audit trail and is easy to programme and install.
- 5. The SD1+ has two programmable outputs which can be linked to automation equipment
- 6. On activation, the SD1+ can contact up to 4 telephone numbers. It also has a restore message facility, which means that if it is set to monitor temperature and the temperature rises or falls substantially, the SD1+ will notify the recipient of an alarm activation. If the temperature stabilises on its own, the SD1+ notifies the recipient that they do not need to take action. The SD1+'s remote trigger function could allow end-users to reset their alarm system from a mobile phone.

Although the XFI system has now been fully realised, this Auto Dialer has remained in place as a proven reliable solution.

For further information please contact Carl Clensy – Cross Services Ltd via 01744 25254 Or Cooper Security <u>www.menviersecurity.co.uk</u> tel no: 0870 7575 400