

The
AutoLog[®]
Family
presents



AutoLog[®] Success Story



We've got it under control
Sophisticated Control Technology

National Grid, UK, AutoLog[®] RTU's



FF-AUTOMATION OY

National Grid, UK
AutoLog® RTUs



FF-AUTOMATION OY

AutoLog® Success Story



Description

National Grid company owns and operates the electricity transmission network for the voltage ranges 66kV to 400kV in England and Wales. National Grid uses AutoLog® FCS technology to provide condition monitoring information on important substation assets.

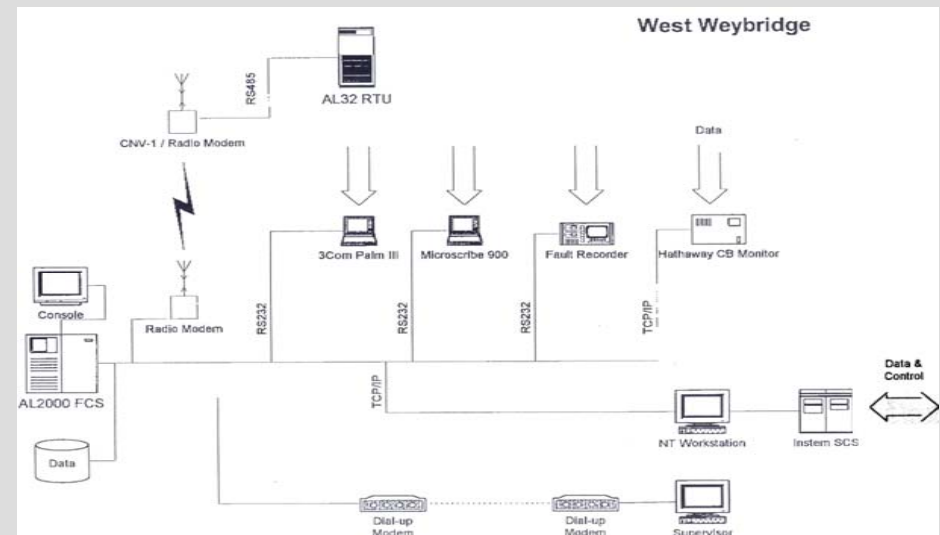
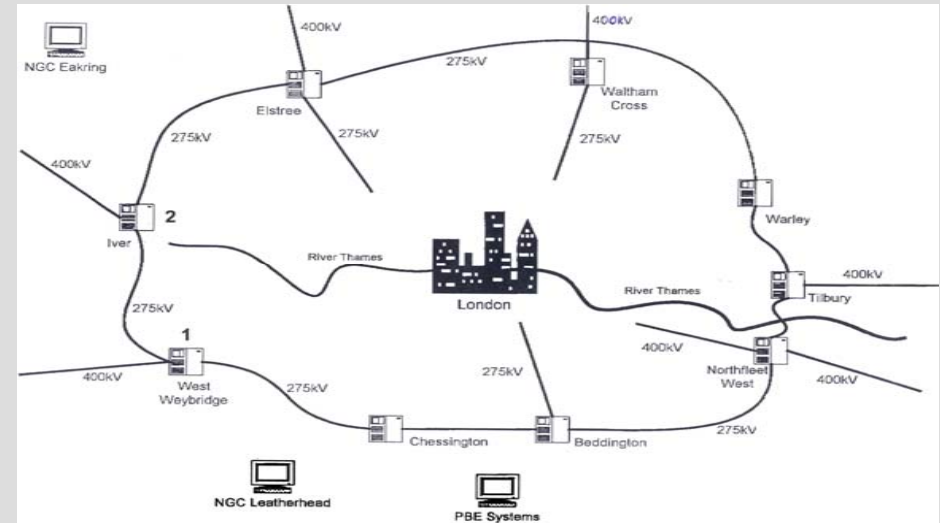
PBE (FF-Automation's UK Distributor) integrated the monitoring system using AutoLog® 2000L and AutoLog® 32 RTUs (Remote Terminal Unit) stations.



Control system

Substation Condition Monitoring system is designed to keep the expensive transformer stations in the optimal condition and so to increase their operating lifespan to 30+ years.

Communication between RTUs is done using fiber optics, radio modems and dial-up modems. All acquired data is stored locally by the AL2000L and can be viewed using local touch-screen display or via dial-up modem connection from Central Control Room facility.



National Grid, UK
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Delivered AutoLog® RTUs

The Project started in 1998. Today 2004 the system has been expanded to include several AutoLog® 2000L RTUs and +50 pcs of AutoLog® 32 RTUs.

Each node uses a combination of analogue and digital modules to monitor the key parameters: temperature, vibration, partial discharge, gas in oil, radio emissions, pumps and fans, etc.

In Control Room the data is analyzed using e.g. historical trends and maintenance is planned accordingly.



For more information
about FF-Automation and
the AutoLog® range of
control products and
automation solutions,
please open

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