



## PROJECTS

**Location:** Central London

**Business Type:** National Art Gallery

**Project:** Building Management System (BMS) switching network infrastructure

Network Computing were recommended and approached to assist with the implementation and on-going monitoring and maintenance of a performance-critical fibre optic based network switch infrastructure upon which the extensive Gallery-wide heating, ventilation and air conditioning plant and controllers can communicate.

Even relatively small fluctuations in temperature and humidity can do irreparable damage to this National collection, and there are dramatic dynamic differentials to be taken into account based upon the season, time of day, and the minute-by-minute visitor numbers.

The system has been such a success that it is currently being expanded to accommodate new lighting systems designed to monitor natural daylight illumination through the already advanced light filters, and to supplement this during cloud-cast to maintain a consistent ambience.

The 28 network switches are a mixture of Layer-2 and Layer-3 devices which are automatically monitored by both an SNMP Management console which is permanently visible 24/7 to the Gallery's facilities staff, as well as generating automatic alerts in the event of failure or performance degradation back to Network Computing's Network Response team.

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### Support Schemes

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