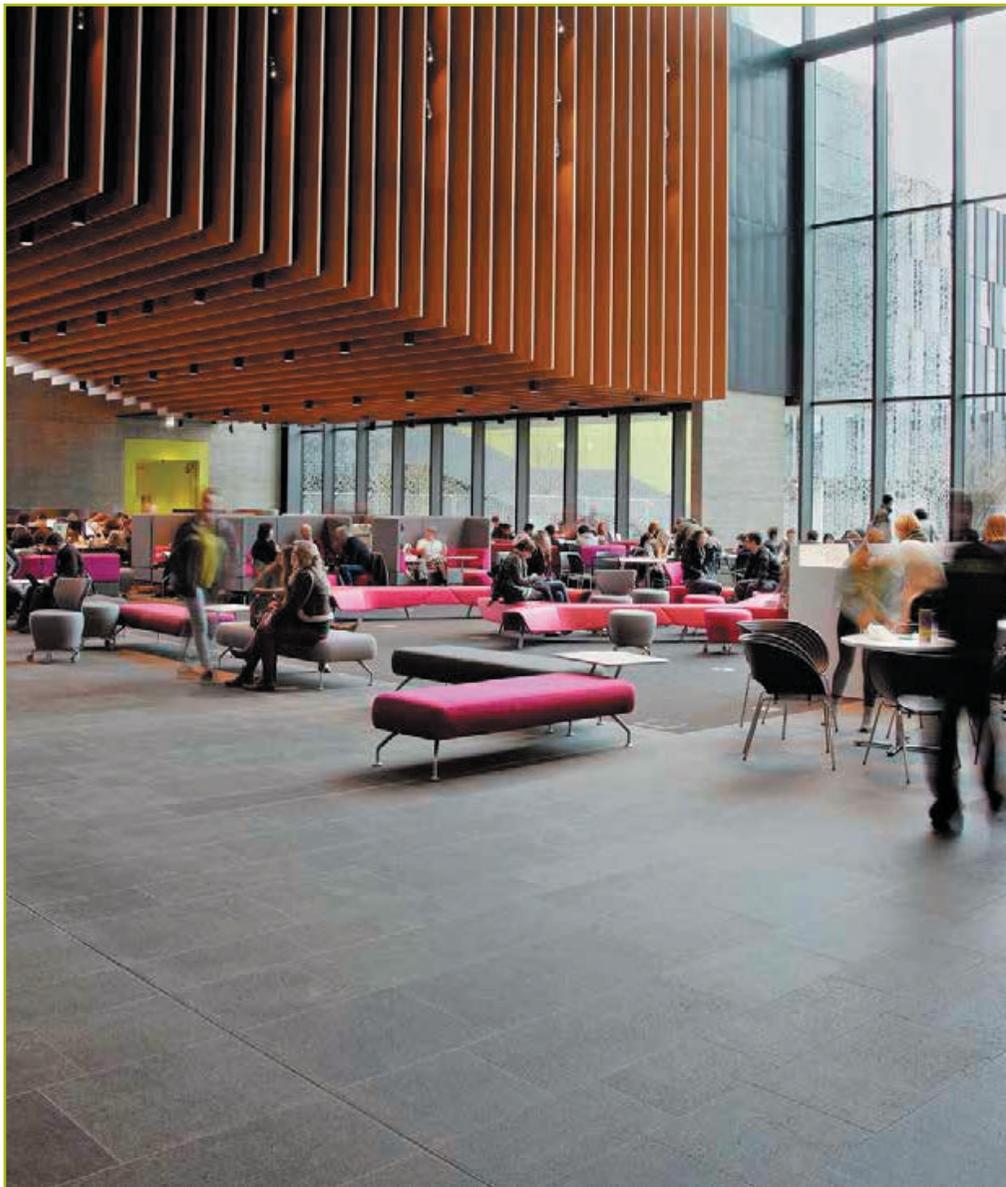


**OXFORD
BROOKES**
UNIVERSITY

Guardian: Compliance for one of the UK's leading modern universities



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In October 2018, PTSG announced the acquisition of Guardian Electrical Compliance Ltd. (Guardian), marking a step-change in the Group's growth story. It enabled PTSG Electrical Services Ltd. to consolidate its position at the head of the UK market and as the go-to name for electrical compliance. The inspection and testing of fixed installations forms the core of the company's works, and a recent project for Oxford Brookes University is a strong example of how it adds value for clients.

“We are delighted with Guardian's openness to new ideas and willingness to change processes.”

The challenge

Estates and Facilities Management is an intrinsic part of the University, and an integral part of this is the electrical maintenance team, who are responsible for new electrical installations, corrective remedial actions, and planned maintenance. As outlined by the University Electrical Services Manager:

- the requirements of BS7671 and the Electricity at Work Regulations 1989 must always be met;
- potential health and safety issues must be addressed, causing minimal disruption to university users; and
- all electrical works are recorded.

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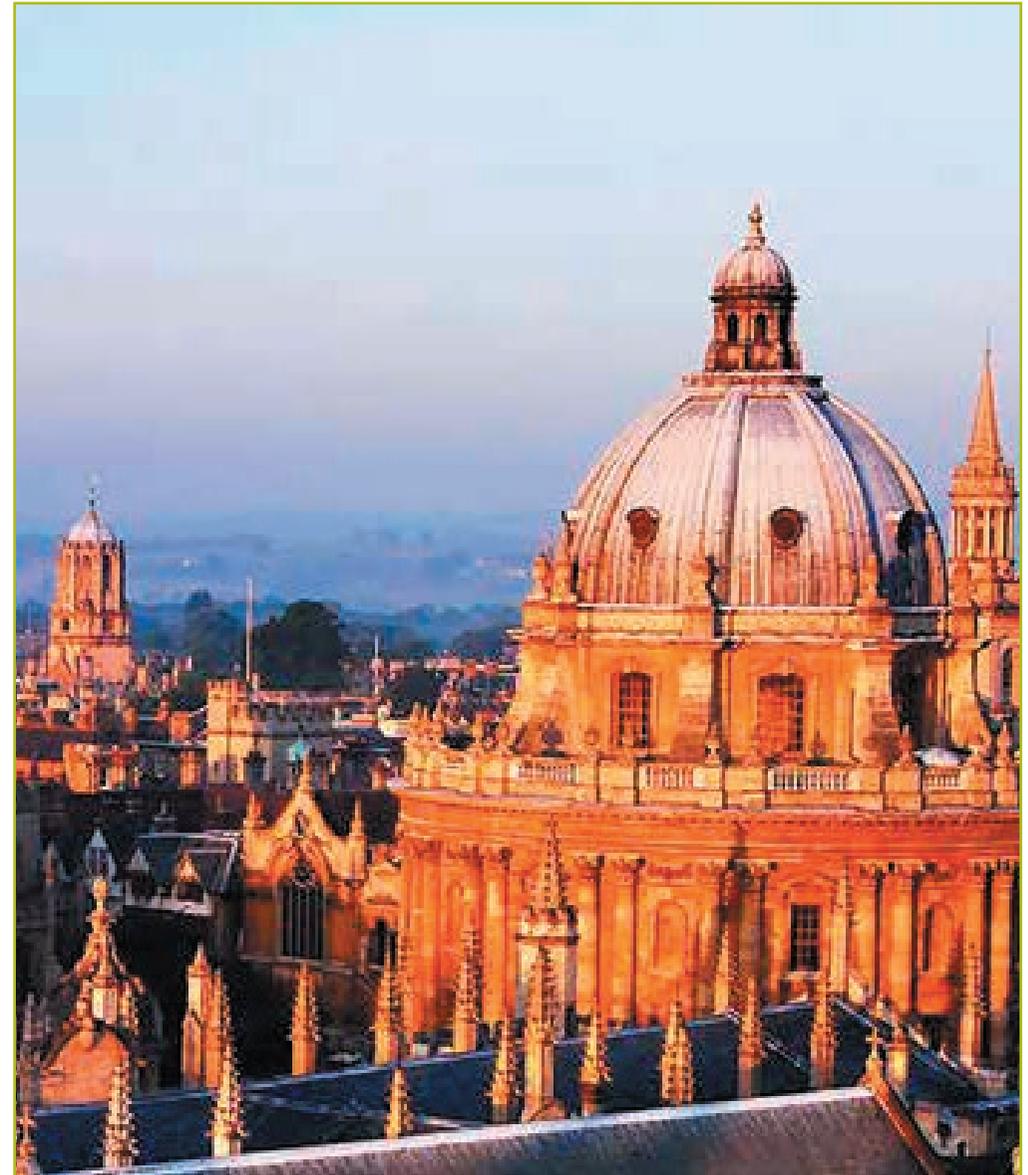
However, due to an ongoing investment and refurbishment programme involving multiple electrical contractors on site, Guardian was given an additional set of requirements:

- multiple users must be able access electrical records if needed, such as when the University Electrical Services Manager wasn't on site, and when there are urgent requests. Individual viewing rights were also required, allowing each user to only be able to view the information necessary for their job/task;
- collation of all electrical documents such as network drawings, EIC reports and emergency lighting reports for the whole site in one place;
- paperless reporting – preferably all online with remote access for engineers; and
- finally, peace of mind for the University Electrical Services Manager himself, as the duty holder on site.

The solution

Guardian, as one of the UK's leading providers of electrical safety services, is able to offer the following knowledge and expertise.

- Unrivalled experience, technical advice and consultancy with respect to electrical safety.
- Over 100 year's collective management experience in advising on safe places of work, periodic inspection and testing, safe systems of work and safe people at work.
- Authors of practical guidance to assist duty holders on meeting the demands of the Electricity at Work Regulations 1989.
- Pioneers, on the development of on-site and online technology to enable immediate client access and update to records, regardless of location.
- Electrical safety seminars throughout the UK covering the Electricity at Work Regulations 1989, Duty Holders' Responsibilities and the latest amendments to those regulations.
- A technical sales approach to ensure compliance with the law – "A Bespoke Approach".



Guardian: Compliance for one of the UK's leading modern universities

Guardian's project management team worked extensively with Oxford Brookes University to establish the programme of works. This is where its experience of working with over 25 universities proved invaluable. Guardian's team was able to identify a plan for the smooth running of the project and undertake the following agreed programme of works:

- electrical network drawings – to comply with Reg12 EaWR;
- 100% inspection and testing – main, sub-main and final circuit testing;
- corrective action on dangerous electrical non-compliances; and
- electronic records – TraQ-it.



“TraQ-it™ closes out the process of the Electrical Inspections and provides a record of the actions taken to address the issues and provides a visual graph display of the progress made.”



TraQ-it™

TraQ-it™ is a unique, interactive online portal that was developed over several years by Guardian's directors. Its features include instant reporting, exporting capabilities, hierarchical permission levels, search and filter functionality. Its multi-site capability allows customers to view the electrical status of individual buildings.

TraQ-it™ provided Oxford Brookes University's Electrical Services Manager, Steve Holtom, with documents at his fingertips and a means to address the electrical danger notifications raised via the testing.

“We are delighted with Guardian's openness to new ideas and willingness to change processes. These have led to an expansion in TraQ-it™ and we regularly discuss how to improve the service at our contract meetings. Such has been the success of TraQ-it™ that others in the University are looking to use the system for their compliance issues.”

Steve Holtom, Oxford Brooked University Electrical Services Manager