

CREATING
A CLIMATE
FOR GROWTH

PRIVA

Future-Proofing

> BRITAIN'S INDEPENDENT SCHOOLS



INDEPENDENT SCHOOLS ACROSS THE UK ARE TAKING CONTROL OF ENERGY CONSUMPTION

With our help, many of Britain's leading independent schools are making substantial cuts to energy bills through greater control of heating, lighting and ventilation. In fact, where installed, our building control technology is delivering energy savings of up to 40%. For estates directors, this helps to keep utility bills under control and drive more sustainable approaches to estate management.



PRECISE CONTROL OF THE ELECTRICAL FUNCTIONS ACROSS YOUR SCHOOL ESTATE

With a Priva building management system, temperature, humidity, air-handling, lighting, and even security functions can be managed centrally and intelligently. Once you're in control, precise monitoring of building functions across the school can help to identify areas of energy waste, unlock maintenance savings and provide site-wide operational efficiencies.



FUTURE-PROOF YOUR HISTORIC BUILDINGS WITHOUT DISRUPTING THEIR FABRIC

With conservation rules seemingly so restrictive, it's not surprising that many bursars simply give up on reducing the environmental impact of the historic buildings on their estates. However, this is short-sighted. There are significant energy savings to be reaped. When you or your consulting engineers specify our technology, you can be sure it is proven to meet three essential characteristics: it is unobtrusive, non-disruptive and flexible.





INDIVIDUAL COMFORT FOR EVERY TYPE OF SPACE

Our solutions offer individual control of the heating, cooling, ventilation and lighting in any kind of indoor environment. By linking your electrical and mechanical plant to our control system, you can set the desired internal climate for each type of space. This helps to make your school a more comfortable learning and working environment for pupils, staff and visitors.



A photograph of a large, historic building with a prominent spire, likely Marlborough College, is visible on the left side of the image. The building is partially obscured by a dark blue diagonal overlay that covers the right side of the page. The sky is blue with some light clouds.

TRANSFORMING ENERGY USE AT MARLBOROUGH COLLEGE

Marlborough College dates back to 1843. The challenge was to streamline its energy management and improve efficiency. This involved the replacement of its old stand-alone series of building controllers with a Priva internet-compatible, remote-access Building Management System (BMS).

**THE PROJECT HAS ALLOWED MARLBOROUGH COLLEGE
TO SAVE PHENOMENAL AMOUNTS OF MAN HOURS
AND REDIRECT RESOURCES INTO OTHER FUNCTIONS.**



MARLBOROUGH COLLEGE

PROJECT OUTCOMES

- > Delicate walls, ceilings and floors were safeguarded by re-use of cabling.
- > New equipment was unobtrusive – and caused no visual impact.
- > Re-use of existing cabling meant minimum disruption to the school.
- > Site-wide monitoring and targeting of energy inefficiencies made possible.



This project sees the integration of around 40 separate buildings.

Prior to the installation of the Priva BMS, a simple change to heating timers would require an engineer to walk around all of the buildings and change the data using a hand-held device. This simple task could take hours to complete. Now it can be done in seconds.



IMPROVED
BUILDING
COMFORT



MINIMISED
MAINTENANCE
COSTS

**A BUILDING MANAGEMENT
SYSTEM DELIVERS SO MUCH
MORE THAN ENERGY SAVINGS**



**PRECISE
CONTROL OF
EQUIPMENT**



**VISIBLE
PLANT
STATUS**



**ACCESSIBLE
BUILDING
DATA**





CHAFYN GROVE SCHOOL **HALVES ITS ENERGY BILLS**

Chafyn Grove School in Salisbury has more than halved its annual costs for gas and electricity following the installation of a Priva building management system. The main reason for the BMS upgrade was to renew inefficient boiler controls, thereby reducing gas usage. Alongside energy savings, the school also wanted greater control over its estate to ensure the comfort of pupils and staff. An additional objective was to find a system that was easy enough to operate so that heating could be shut down over the school holidays.

“GAS, ELECTRICITY AND WASTE DISPOSAL HAVE ALL BEEN REDUCED. THE FIGURES SPEAK FOR THEMSELVES; WE ARE VERY HAPPY.”

TOBY WHITE | ESTATES BURSAR, HEALTH AND SAFETY OFFICER



CHAFYN GROVE SCHOOL

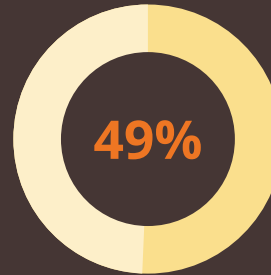
PROJECT OUTCOMES

Total annual energy bills savings to date

£28,000

Total gas/electricity consumption cut by

38%



Thats a 49% cut
in fuel bills for
the school.

All of the project objectives have been met. In terms of combined gas and electricity consumption, Chafyn Grove has witnessed a reduction from 1,850,000 kWh in 2012-13, to 1,150,000 kWh in 2016-17, a 38% reduction. Perhaps most impressively of all, the school has seen a reduction from £55,000 per annum, to £27,000 in the period from 2013 to 2017.



Priva's building control technology is helping independent schools of all shapes and sizes to take control of their energy use and deliver site-wide efficiencies.

- 1 Queen Ethelburga's Collegiate
- 2 Dauntsey's School
- 3 Norwich School
- 4 Bradford Grammar School
- 5 King Edward's School, Bath
- 6 Woodbridge School
- 7 Marlborough College
- 8 Bryanston School
- 9 Charterhouse School
- 10 The Cathedral School, Llandaff
- 11 Ipswich School
- 12 Colston's School
- 13 Westminster School
- 14 St Swithun's School, Winchester
- 15 Monkton Combe School
- 16 Culford School
- 17 Salesian College, Farnborough
- 18 West Buckland School
- 19 Cheltenham College
- 20 St Joseph's College, Ipswich
- 21 Sherborne School
- 22 Farleigh School
- 23 St Mary's School, Colchester
- 24 Winchester House School
- 25 Chafyn Grove School
- 26 St Peter & St Paul School
- 27 Bruton School for Girls
- 28 S. Anselm's School



To find out more about the ways our building control solutions can save energy and improve the internal environment of your independent school, please get in touch.

Priva UK Ltd

34 Clarendon Road
Watford
WD17 1JJ

United Kingdom

T +44 (0)1923 81 34 80

F +44 (0)1923 81 34 99

E contact.priva@priva.co.uk



WWW.PRIVA.COM