

interact



## Case Study

# The UK's first Interact Sports lighting control system

Introducing the first installation of an Interact Sports lighting control system at St George's College, Weybridge, UK





### Project overview

A promotion to the next hockey league left St George's College needing lux levels their existing lighting couldn't reach. Interact Sports delivers lighting and controls that meet the stringent demands of Hockey England and give St George's College the flexible and reliable sports venue they need.

### Customer challenge

As a venue for high-level hockey, the pitch at St George's College needed to meet strict lux levels set by Hockey England. The existing lighting system was outdated and failed to meet these levels and required a specialist company to service the lights which was expensive. The college wanted to reduce maintenance and running costs, while meeting lux targets and gaining control over pitch lighting to create greater flexibility.



As the quality and level of sport being played here at St George's grows, so too does our need to provide a venue that matches it. Interact Sports was the perfect solution for us – easy to install, while providing lighting that not only meets the requirements of sporting industry bodies, but also gives us more control over how that lighting is used, and our energy usage.”

**Errol Minihan**  
Head of Facilities at St George's College

### Solution

To meet the flexibility, efficiency and lux level targets, new LED-efficient flood lighting was installed, along with new advanced controls to allow for scheduling and programming of pitch lighting through a recreational sports lighting control system. The connected lighting management software gives St George's College complete control of the pitch lighting and will tie in to future projects with their specialist sports and tennis centres. Because the system works on existing cabling, there was no need for any new cabling to be laid, which saved both time and money on the installation.

The advanced lighting means pitches can be rented out and customised to the different levels of lighting required for class 1 and class 2 hockey, alongside training and other sports. Lux levels can even be split across a single pitch during training. The lights are also programmed to switch off automatically at night, reducing energy costs and light pollution. As a result of high quality OptiVision luminaires, the need for maintenance and upkeep has also significantly decreased.



The installation of the Interact Sports lighting control system was really easy. It works on the existing infrastructure cabling by inducing the control into the cable which comes out at the light. With modern LED lighting, we can control the different lux levels and do scheduling – for example, if St George's College are renting a pitch out, we can programme the lights to switch off once the session has finished.”

**Chris Wright**  
Technical Director at Powercor



### Interact Sports

Interact Sports provides industry-leading LED floodlights that comply with international sports federation guidelines. Intelligent controls let you manage lighting remotely and adjust settings instantly for different sports. Cloud-based reporting provides ways to reduce energy, cost and light pollution, while automatic fault notification and upgrades let you focus on managing your facility and not your lighting.







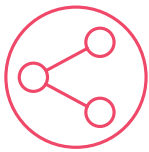
## Control Remotely

The control system connects to the cloud enabling the ability to control the lights remotely from a smart device, anywhere in the world.



## Reduce Operational Expenses

Low maintenance LED floodlights save energy and are easy to service. Insights from the cloud-hosted dashboard can be used to improve efficiency and further reduce costs.



## Easy Control

Light settings can be customised to any sport and ability level, as well as improving control of light spillage.



## Project details:

- 28 OptiVision LED floodlights.
- The UK's first Interact Sports installation.
- With the new LED lighting and control system, St George's College is able to host both Class 1 and Class 2 hockey matches and rent out pitches when not in use.



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