

# Paxton10 Provides Intelligent Management of Extensive Lighting Network at Newcastle Racecourse

## Type of site:

Sports Ground

## Location:

Newcastle, UK

## Solution required:

- User-friendly system
- Remote control and monitoring of floodlights

## Result:

- Intelligent lighting management
- Web-based user interface for greater flexibility
- Custom fibre-optic network to support Paxton10 system

## Paxton products used:

- Paxton10 Server
- Paxton10 Controllers
- Paxton10 Door Connectors
- Standard Paxton10 Readers
- Paxton10 I/O Connectors



We've put Paxton10 to the test, and it's great. We think outside the box here, and with Paxton10 there are so many possibilities for different solutions for a variety of companies.



Tony Easingwood, Account Manager  
Advantex

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## Newcastle Racecourse is part of Arena Racing Company (ARC), which operates 16 racecourses across the UK.

The racecourse, located in High Gosforth Park, has been the home of the biggest racing event in the North East, the Northumberland Plate, since 1881.

Over the last two decades the racecourse has seen an investment of over £11m, including the development of new facilities for racegoers, new stands, a parade ring and a straight mile flat track, and most recently, a brand new floodlighting system that illuminates the track during night meets, the car park, and other outdoor areas.

### Requirement

Utility Connections, who are responsible for all of the power works on site, approached Advantex, an IT and Communications Specialist based in Gateshead, to help them provide a management solution for the new floodlighting system. They required a system that was user-friendly, as it would be managed primarily by the racecourse staff, whilst also enabling remote access for system maintenance.

Advantex recommended Paxton's new Paxton10 building intelligence system as the best solution to meet their needs.

### Solution

Paxton10 is Paxton's fully integrated building intelligence system, interfacing with existing building infrastructure to control lighting, heating, air conditioning, and intruder and fire alarms. Advantex built the racecourse a custom fibre-optic network that works with the Paxton10 system to intelligently manage their lighting.



Tony Easingwood, Account Manager at Advantex, says: "It was great that we were introduced to Paxton10 from the get-go, as we'd already completed the training and education provided by Paxton when we were approached to commission the system for Newcastle Racecourse. We were able to offer them a bespoke solution that matched their specific requirements, thanks to the support from Paxton."

Using the web-based user interface, the racecourse staff are able to switch the floodlights on and off remotely. Soft switches built into the software also make it incredibly simple for the staff to control the correct lights at the relevant times.

### Result

Newcastle Racecourse have received continuing support from Advantex, who log-in to their system on a monthly basis to maintain the Paxton10 system on behalf of ARC.

Paul Elliot, Operations Manager, says: "The flexibility of Paxton10 means we have full control of our track lighting. This can be managed from selected locations across site with programmed tokens or remote login to the Paxton10 server via the internet. The system is flexible and user friendly - that's what we really like."

Advantex are keen to help ARC understand the full capabilities of the Paxton10 system, and advise them on the range of additional features they could implement in the future.

