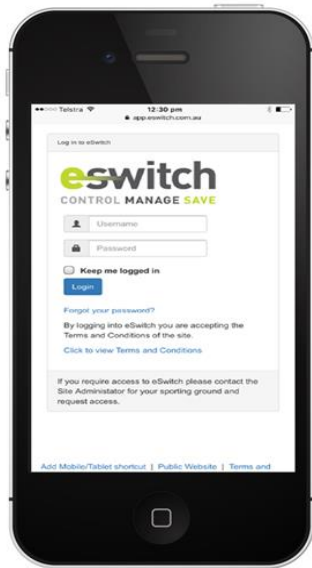


Fact Sheet

eSwitch Sports Lighting Controllers

Overview

eSwitch lighting controllers are purpose-built for community clubs with multiple users, enabling club members to operate the field lights securely via their smartphones. This fact sheet provides an overview of how the user interface works and how the reporting system can help clubs reduce their power bills, while encouraging greater accountability from all users.



Secure login in from any smartphone or computer



Turn field lights on and off from any location



Handover feature allows continuous use by multiple users

Curfew/lockout times can be set for each field to avoid unnecessary energy consumption and neighbour complaints.

An **online database** records all activity and enables full reporting, accountability and cost allocation among users. Clubs can use this data to analyse how the lights are operated and apportion energy costs fairly amongst users. This approach ensures greater accountability at all levels.

Users also learn about **the cost of energy** when they switch the lights, with a real time estimate of power costs.

How it works

Two components make up the eSwitch system. At the sports club grounds, a secure, weatherproof, vandal proof Control Box houses the electronic equipment and switching accessories. In your hands – your smartphone which, via the Cloud Based application, literally puts the control of your field lights at your fingertips anywhere, any time.





Using these components, the eSwitch unit effectively converts switching commands sent via SMS, from the eSwitch application on your smartphone, into physical switching operations. The Control Box is fitted with Manual Override Switches as a failsafe if ever your mobile network is down. These can be safely accessed behind the door, which is fitted with high quality, pad-lockable hardware.

The system offers three levels of access to the website – ‘Site Manger’, ‘Club Manger’ and ‘User’. The ‘Club Manger’ status would only need to be activated if the sporting site was an Association where more than one club operates from the same premises or where accountability between user groups is necessary. Ordinarily the Site Manager would be the Club President or committee member who has access to the full functionality of the system, including adding and removing Users, setting switching lock out times, even setting curfews to turn lights off automatically. They can also lock switches out completely if a playing area is not to be used. Site Mangers can also view reports about switching events, estimated costs and the percentage of power used by each User. Once the Site Manager has created the User accounts, the Users (coaches etc.) can then use their secure login and password to access the Control Switches page.

The eSwitch control units start with the FLC80PCMS, which is the basic 8 channel system in a powder coated mild steel enclosure, suitable for undercover mounting locations. The FLC80SS is our most popular model. The 316 Stainless Steel construction allows this 8 channel controller to be mounted anywhere out in the field. eSwitch is also able to customise a controller for a specific use by incorporating logic control to facilitate switching scenes or staging of lighting.

The Cloud Based operation system is delivered via a subscription service and is a fixed price plus SMS costs, regardless of how many user accounts are created. To ensure affordability, subscription costs have been kept to a minimum, averaging only \$4.20 per week. Furthermore, our ability to bulk purchase SMS enables us to pass on considerable savings to our clients, with SMS switching operations charged at only 12 cents each. With these costs combined, the average Sport Club can operate eSwitch for less than \$250 per year*, easily offset by the savings generated by the sustainable use of field lights and the energy they consume. Mitchelton Football Club, for example, has reported a 30% reduction in their energy costs in the first year of using the eSwitch system. This equates to a saving of nearly \$10,000 which the committee is now channelling into other areas of their club.

Our clients

Some of our clients include:

- Queensland Government
- Coorparoo AFL Club & Brisbane Lions Academy
- Mitchelton Football Club
- Caboolture Softball Club
- Redcliffe Softball Club
- The Gap Soccer Club
- Redcliffe Leagues Baseball Club
- Caboolture Little Athletics
- Suncoast Softball Association

**Based on an average of 2 switching operations per night, 4 nights per week, 30 weeks per year.*

“The benefits of eSwitch were immediate. The flexibility of being able to operate our lights remotely, as well as the invaluable data showing us how various users are operating the lights, is already driving positive and sustainable change for our club.”

David Atyeo
Coorparoo Facilities Manager – Brisbane Lions AFC

“We used to spend over an hour travelling to the club to turn the lights on and off several times a week. We couldn’t entrust our keys to multiple as there was no accountability in how many hours they used. Now we have total visibility to the data, users are more accountable and we have our lives back.”

Bruce and Christine Challenor
Caboolture Sports Softball Association

“This technology has solved so many safety and sustainability problems. We no longer need to worry about committee members staying behind late at night to turn off the lights, or lights being left on accidentally through the night.”

Roger McIntosh
President – Mitchelton Football Club

Contact

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