

# Access Control Management

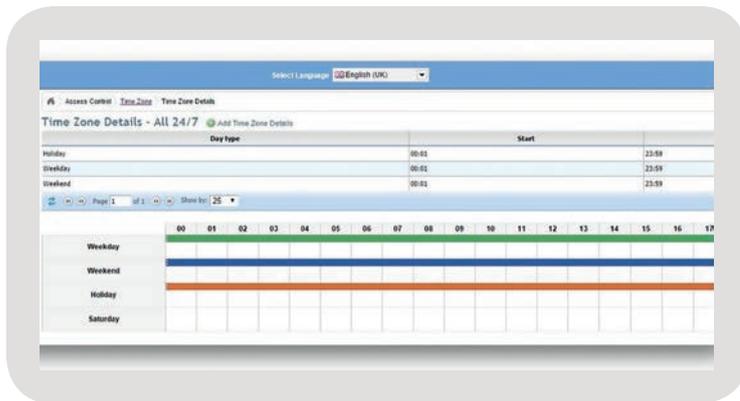
## Web Based Access Control Management

### Access Control Solution

We all have valuable assets and people that need to be protected. The Access Control Management Module is a flexible solution which simplifies the complex task of **managing an access control system with numerous users and multiple readers.**

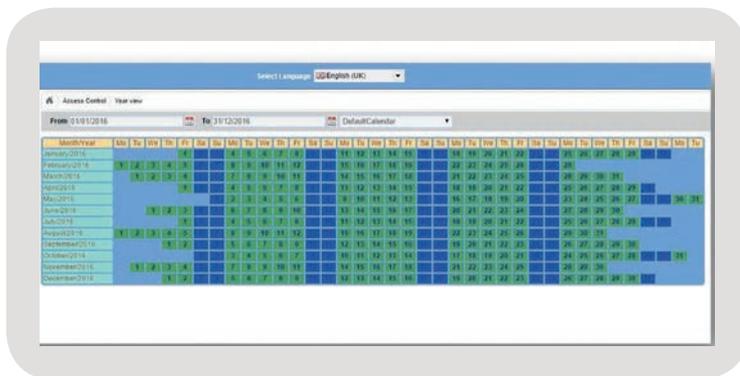
As a fully integrated module, access control is completely integrated with the core Attendance module for a truly compressive and effective solution.

This module is **especially powerful in a dynamic and ever expanding access control environment**, in which readers are added or moved and access rights and definitions change. The system enables the creation of specific and individual access credential by defining security groups, in which definitions of all of the possible control parameters can be customised and created. Many formats of Access control credentials are supported, Fingerprint, Face Recognition, RFID cards and fobs as well as PIN codes.



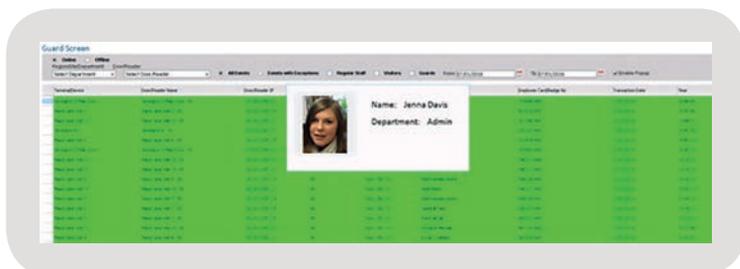
### Key features:

A web based system (with HTTPS), real time monitoring, scalable, add to systems easily, integrate other building systems, supports unlimited time zones and security groups, anti-pass back, connect multiple sites using TPC/IP protocol, access control report suite, internal/external door management, proximity, magnetic, mifare, HID and facial recognition.



### Benefits:

- **Cost effective implementation**
- **Prevention of unauthorized access**
- **Robust and elegant construction**
- **Fully functional web based software**
- **Records and reports all access control activity**
- **Easy to expand and future proof**
- **Enforces security procedures implementation**
- **Powerful audit tool for investigation of events**



## Hardware

### Biolite

#### IP based Outdoor Fingerprint Terminal

- Rugged structure for outdoor installation and extra durability - IP65 rated waterproof and weatherproof structure.
- Easy installation and connectivity - Network interface by TCP/IP or RS485 Wiegand input/output configurable up to 64 bits.
- Easy operation and management Built-in keypad and RF card reader for multi-modal user authentication (Fingerprint, PIN, card).
- Slim and elegant design- Slick and Slim design for narrow spaces Graphic LCD, Multi colour LED.

Memory	8MB flash + 16MB RAM
Fingerprint Sensor	500 dpi optical sensor
Identification Speed	2,000 matches in 1 second
Fingerprint Capacity	5,000 fingerprints (10,000 templates)
Log Capacity	50,000 event
Size (mm)	60 x 185 x 40 (W x H x D)



### SY-400 and PRX-20 card reader

- The SY-400/A is an access controller for the control of up to two doors, gates or other barriers. The SY-400/A is a part of a complete access control solution. All programming and monitoring functions is done via the web software. The controller is usually concealed in false sealing or control room.
- The PRX-2X series features an elegant proximity reader with a reading range of 5-10 cm. Suitable for a wide range of proximity readers based systems, such as Access Control and Time & Attendance systems. The reader is waterproof and therefore suitable for both indoor and outdoor use.

Technology	Prox 125khz / Mifare
Transit/ Transmit distance	150-200mm
Dim (L/W/H) mm	12/45/21
Power supply	DC9-12V
Working temp.	-20 to +60C



**SALLIS**  
by S-ALTO



### SALTO – SALLIS: Wireless technology

- Fully integrated to Synel's software suite, using our web user interface.
- SALLIS is a cost effective technology as it dramatically reduces the installation costs based on traditional IP based access control. The on-line wireless devices are easy to install and does not require significant infrastructure.

ID technology	Mifare, Mifare plus, Desfire, HID, Legic
Battery	3x AAA batteries
Ingress protection rate	IP45 compliant
Door thickness	30mm to 115mm
Log capacity	600 event audit trail