



## Smartair Wireless System



Smartair Wireless is a new access control platform that combines proximity user cards, battery powered electronic escutcheons, TCP/IP connection Hub-s and a system management software.

### Functionality

All the components together enable door access right control and detailed information of user's performance on the installation.

Data flow from the software management to each escutcheon/wall reader is transferred through wireless radiofrequency technology, enabling brand new features on battery powered access control systems:

- Automatic access plan modifications.
- Real-time audit trail.
- Lost card cancellation.
- Remote opening
- Etc.

### System features:

- Wireless Radio Frequency communication between Hubs and Smartair Wireless Escutcheon or Wall readers.
- 868MHZ RF communication with proprietary encryption.
- UDP communication protocol through Ethernet connection between TS1000 software and communication HUB.
- Full configuration of system through TS1000 management software. Same software can manage Wireless, Update on Card, and Offline doors.
- 30 doors per Communication Hub in 30 meters range (depending on building, wall and doors characteristics).
- Manages up to 64.000 users and doors.
- All system components can be configured through TS1000 software including:
  - Smartair Wireless Escutcheon
  - Smartair Wireless Wall Readers
  - Communication Hubs
  - User cards.
- Hub Backup memory management in case of Ethernet connection failure. Data recovery once communications are restored.
- Door Backup memory management in case of RF wireless communication failure. Data recovery once communication restored.