Ph: 03 9555 5444

Turnstile Operating Instructions Overview

User Guide

Check Inn Systems

Consulting Professional Engineers Pty Ltd
ABN 43 078 257 315

Check Inn Systems Division

Factory 13, 38 Christensen Street
Cheltenham, Vic 3192
Australia

Phone +61 3 9555 5444
Fax   +61 3 9555 5445
Email: sales@checkinn.com.au

4

FACILITY ACCESS MANAGEMENT

The turnstile solutions from *Check Inn Systems ™* designed to control entry of pre-authorised people into a Dining Hall or Mess Hall in order to issue two meals a day at set time periods. The solution comprises a standard half height turnstile into which specialised electronics and communication equipment is installed. These turnstiles work in conjunction with the RMS software program.

The software has many functions but only those that relate to the turnstiles will be described is this document.

SOFTWARE OVERVIEW

The RMS software records the name and relevant details of each person that is to be allowed meals in the dining hall. Details recorded include financial arrangements and the start and stop day of meal services for that person. Example: on registering for an accommodation and meals package for two weeks, the guest would be issued an RFID tag which may be either a keytag or access card. This tag is then swiped by the office staff and the tag number is recorded against the name of the guest and is stored within RMS together with an expiry date and time. The meals are served twice a day within set time periods.

The guest gains access to the meals area by swiping his card at the entry turnstile. The card is checked for validity against RMS and the turnstile opens. RMS records the entry and prevents the card being used a second time within the same meal period. On leaving the meals area the guest swipes his card again to exit the meals area.

The RMS software is also used to sell a set number of casual meals to guests who use the same card entry system.

DATA ENTRY HARDWARE

The data entry hardware consists of an RFID reader mounted in a desktop box. It has a plug pack power supply. It has an RS232 output which plugs into the PC either directly or through the use of port extender devices or add-in cards.

The operator selects a client in RMS and simply waves a tag over the reader to issue that tag to the client. The instructions as to how to run RMS are beyond the scope of this overview.

Once a Tag or card is issued to the client, the client waves it in front of the reader attached to the turnstile to gain access.

- If the card is valid, a green light shows the client they can gain access.
- An amber light indicates a possible communication delay or fault.
- A red light indicates access was denied by RMS

A large message screen is optionally attached to the turnstile as a clearer indication.

DATA ENTRY SYSTEM
BLOCK DIAGRAM