



New HW / SW / Docs Updates

Revision 031231

This document logs the 2003 updates to Softcon Hardware (HW), PC Software (SW) and to documents and are listed by month (simplifying "where to read from"). Updates to previous years are store in that years document (SCS_Updates_YYYY.rtf). The document SCS_Updates.rtf contains the updates of the last 12 months.

These documents server as general information to existing Softcon users, installers and consultants. Changes to SW keywords are highlighted in **yellow**, HW in **green** and documents in **red**. The documents SCS_BMS_SPEC and SCS_BMS_REQUIRE contain all the functions of the Softcon systems and the additions listed in this document are includes in these documents.

These documents contains short snippets of the changes, details of the changes listed here and the versions containing the changes are contained in the relevant version sections of the HW specification documents and in the SW version documents - please contact Softcon if more information is required. The latest versions of the firmware (FW, programs running on the HW), SW and documents contain all the changes listed here and are available from Softcon or on www.softconserv.com. Whilst most changes are available at no charge, certain new functions are charged for.

Non-critical bug fixes and non-significant improvements are not listed in these documents, and generally only major changes to documents or new documents are listed.

JUL-2003

1. New **Cash loader** using CR355 controller, in metal housing with separate locked money draw. Used with POS and vending, loading value on a card holder's account.
2. **CR364** serial comms interface control of latch relay via serial port. Used with PPOS for opening barriers, turnstiles or doors.

SEP-2003

1. **CR355** controller selectable in CR351 (old access controller) or CR355 modes. Main CR355 additions to CR351:
 - Communications with front modules (door controller with reader and door I/O, optionally with LCD display and keypad).
 - **Date** reported with event.
 - **Configurable I/O** (auxiliary or special functions, e.g. action complete, reader enable) with settable **level** detection on time groups (short circuit, closed, open, illegal open, open too long, not opened, open circuit).
 - 1000 event buffer, 65000 running number cards, 15000 random numbered 10 digit cards.
2. CR355 reports cards **capture** as entered and captured.
3. New program **SCS_CntrlModem.exe**. Communicates to CR351, CR355 and CR357 controllers via **dial-up modem**, with scheduler and retries.

4. **Pay on Entry** link to external system contains holder's loyalty points.
5. All date-time data converted from String to Microsoft **date-time** format, facilitating the use of various Microsoft settings (e.g. matching the PCs time-date setting).
6. New program **SCS_ConfigSynch.exe** synchronizes configuration databases when updating SW, keeping site passwords and settings.
7. Database distribution server program enhanced to facilitate **mesh or star configuration** of PCs, hence all configurations catered for.
8. Interface to MD350 (**mimic driver**) controllers, integrating mimic panels to the system.

OCT-2003

1. CR355 interfaces directly to **WaveTrend** asset track receivers (no interface required).
2. CR355 reads **ISO MAG cards** with varying card number digits.
3. **5 output levels**, enabling closed, open, closed permanently, open permanently, and virtual level for special events.
4. **Drawings** display 7 input and 5 output levels.
5. **Database items** on drawing editable with password control – enabling operators to edit database via drawings.
6. **Formating** of font, rotate, bold, italic, underline and colour in drawing – enhancing displays.
7. **Fixed text** items on drawing items, with formatting and align.
8. Vending **tokens** setting to items (alternatively subsidy and value) – used where tokens/points and not money is preferred.
9. Linking of area groups to area zone groups via **? buttons** are password protected, simplifying set-up.
10. Changes to data in card database by **external programs** are automatically sent to controllers (changed field checked on set periods). Hence non-Softcon programs can change card data, and the changes are automatically sent to controllers.
11. Drawing and card design editors show **cursor location** in pixels, aiding in alignment of items.

NOV-2003

1. Updated **www site** with all documents, pamphlets, FW, SW and slide shows. Available from Softcon on CD.
2. **CR364** serial comms interface string **termination** character settable in the FW, allowing sending of cards read (Wiegand, data/clock, Touch) in serial strings as required by non-Softcon equipment (e.g. POS, vending, access systems).
3. All client temporary files changed from MS Access 97 to **.dat**, enhancing speed, eliminating corruption on improper closure of files.
4. **Log external link communication** for debug purposes.
5. Add trigger group to card database and set in reader events v-parameter – used in triggers for special events (e.g. counting or certain cards, opening doors on sequence of cards, arming of alarm systems by certain cards).
6. Point of sale (POS), searching for item via **barcode scanner**.
7. New program **SCS_Email**, sending message(s) to email addresse(s) on algorithms of set events. E.g. on controller power-up or controller off-line (aiding maintenance), temperature alarms, door opened illegally, etc. This is identical to **SCS_SMS** which send SMS on algorithms of set events.

DEC-2003

1. CR355 reads **44 bit Wiegand** cards, 4 bit **Wiegand keypads**.
2. CR355 **yellow LED** (ready) settable to be steady or flash (also indicating that controller is running). **3- or 2-LED** control (red+green=red).
3. Link to external **asset tracking** program WaveTrend which performs fixed asset movement and asset linked to card holders violations. Card movements are reported to WaveTrend, WaveTrend reports violations – Softcon generates alarms, locks doors, etc. on violations.
4. Database distribution server updates cards **last location** according to events – card locations are known, also for multi-systems.