

SoftCardMaker

Help Version - 01.01.40

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This help file serves as the help manual to SoftWin version 3 CardMaker program and can be accessed via the program by selecting help.

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1 AIM

The aim and goal of this document is to serve as a general help manual for the use of the Softcon program SoftWin3 - Card Maker. More technical details are available in documents that describe the database functions, communication and installation specifics. The Card Maker is integrated an option in the program SCS_Client.exe or as a separate program SCS_CardMake.exe. All functions are listed in this document (not duplicated in the SCS_Client.hlp).

The document SoftWin3_Spec lists the specifications of the program and those specifications must comply with this document and visa versa. Certain specifications may be duplicated here for completeness and clarity (e.g. priority criteria), but duplication should be limited where possible.

General development info about the program SCS_CardMaker is:

Program language:	C++, IDL (Interface Definition Language).
Technology:	MFC, Multithreading, DAO, COM and RPC.
Program architecture:	Multiple document templates.
Program development:	MS Visual C++ 6.0.

2 GENERAL

SCS_CardMake.exe is the card making module of the Softcon SoftWin3 range of programs. Access control card prints are designed, card data is captured and cards are printed and Magnetic striped (MAG) cards are programmed. The program can be installed and run on many PCs as required and requires a link to the program SCS_Server that interfaces to the system databases.

SCS_Server communicates with the databases and links via TCP communication links to client programs that can be running on the same and/or on different PCs. The program SCS_CardMake and the card maker functions of SCS_Client are described in this document.

Different [languages](#) are accommodated via configuration databases.

3 START-UP

The Softcon program SCS_Server.exe must be running before the client program is started. SCS_CardMake can be started with the following parameters:

/start	Starts and links to the previous server selected, with the password shut down with.
/start:???	Starts and links to server running on PC ???, with the password shut down with. ??? is the network name or IP address of the PC.

These parameters can be viewed in help about or by starting the program with the parameter */?*

The Softcon program SCS_Server.exe can be started with the following parameters:

/audit	All database editing is logged to the daily audit file c:\softwin3\audit\auymmdd.mdb.
/language:???	Selects language ????. Requires the appropriate language fields in the configuration databases. See language in SCS_Edit.hlp set-up.
/start	Starts with the password shut down with.

These parameters can be viewed in help about by right clicking on the dialog name bar (blue section on the top) or by starting the program with the parameter */?*

When SCS_CardMake start running the following occurs:

- Initialises the server for communication.
- Connects to the server application.
- Receives the client RAM information.
- Creates the client RAM temporary tables.
- Loads and checks the client RAM.

- Starts COM port tasks.

4 **CLOSING**

Stops COM port tasks.

Frees the client RAM.

Closes the client RAM temporary database.

Sends "bye" to the server application.

5 MENUS

5.1 FILE

5.1.1 Card Editor

Card data is accessed via list editors and property sheets. See [EDITORS](#)



The list edit provided, CM cards contains the general card data. Fields could be added and removed as required (see [LIST EDITORS](#)). The fields are described below under property sheets.

When a list is displayed, right clicking on a record provides a property sheet that can have 4 pages.

Fixed editors and property sheets display data in a fixed layout that cannot be changed. Property sheets are access by right clicking on a record (line) in a list editor. The record clicked is displayed (if a property sheet is available). Fixed displays are selected from the set-up menu. These are listed below.



Property sheets display the database primary key reference (generally the record number) and indicate the record on display and the number or records in the database. The data on display can be selected via the list editor (the record right clicked on) or be entering the number, or clicking in the 1st, one left, one right or last keys.

Data in a fixed editor or property sheet can be hidden or made not editable by right clicking on the item and selecting Access To Dialog Controls. The item is selected from a list (right clicking on the required item, set the list to the item) and moving the groups that have access to the right box ([Member of](#)). Users in the left box do not have access ([Not Member of](#)). Items are made not editable by changing  to  and visa versa.

The **General** page contains personal information:

This is general data regarding the cardholder and has no effect on the functioning of the system. The data is editable and is not checked for format or contents, and is not changed by the system when the card moves. The data descriptions, the type and length of data, can be changed via set-up tables.

Personal Details for Card holder

Title.	Selected from a list. The list can be added to via a list editor in set-up list menu.
Surname.	Holders surname. This field is often used to enter the surname and first name.
First Names.	
ID number.	ID number (or passport if no ID number).
Gender.	Selected from a list. The list can be added to via a list editor in set-up list menu..
Citizenship.	Country of citizenship (optional).

Contact Numbers

Home.	Telephone numbers.
Work.	Telephone numbers.
Cell.	Telephone numbers.
Other.	Telephone numbers.

Address

Address 1.	Street or Apartment number and name.
Address 2	.
Suburb.	If applicable.
City.	If required.
Postal Code.	If required.
Email.	If required.

Business

Company.	Generally used for contractors or visitors.
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Department.	Selected from a list that is editable via a set-up list editor.
Description.	Work description.
Employ number.	Company employment number, or "VISITOR - company name".
Union affiliation.	Selects the trade union the cardholder is affiliated to (Optional).


Vehicle info

CarRegistration.	3 Registrations of all vehicles that can be used to site, e.g. NVR664T.
Car Description.	The 3 car descriptions, e.g. Mercedes, white.

The **Status** page contains Access information:

This data controls the access of the card. Data as the cards location is not editable and most of the data is editable via list selections. The data descriptions can be changed via set-up tables, but type should not be changed. The details of how access is granted or denied are described in the document SCS_Card_Access.

Locations and Groups

Location and Time.	The current location of the card and when it moved there (year-month-date, hr:min:sec).
Previous location.	The previous location of the card, i.e. the previous area zone it was in before the last time the card was used.
Area Group.	Area groups define to which area zones the cardholder may be granted access to. Many cards may be allocated to the same group (e.g. "Area group - managers" with access to all zones) or the card can have its own unique group. The area group is edited by selecting  which access SoftZone.
Multi Group.	Cards can belong to multiple groups, e.g. to the parking group, the admin group and the management, each giving access to certain area zones. If any of the allocated groups has access, access is permitted.
Expire Area Group add.	Defines additional area zones the cardholder may be granted access to when the card expires.
Expire Area Group delete.	Defines area zones the cardholder may not be granted access to when the card expires.
Count Area Group add.	Defines additional area zones the cardholder may be granted access to when the cards counters are full (see zone counting).
Count Area Group delete.	Defines area zones the cardholder may not be granted access to when the card expires.
Time Group.	Time group (see SCS_Client) defines when a card may be granted access. One of 15 access time groups are selectable (with 8 time zones), e.g. "Time group 1 - managers" with 24 hr access. The first 15 time groups have been configured for the Softcon access controller CR351/4 and only these must be used if the data is to reside in the CR351/4 controller.
Count Group.	A count group can be allocated that is used in triggered events (e.g. when entering an area, the group counter is incremented).
CD Count AreaGroup.	A group can be allocated, and when the cardholder enters an area selected in the group (e.g. the canteen), the card counters are decremented.
Capture Group.	The card can be set to capture when entering specific areas. Set-up group(s) are set with the zones to which cards are captured and a capture group is set for the cards to be captured. Typically a group is set to capture at building exits, another at parking exit only.

Accumulation Data - The time accumulation total for the card is not editable and is calculated by the system, and represents the totals since the last day-, week- and month-end (see accumulation in SCS_Client).

Day.	Card total for the present day.
Week.	Card total for the present week.

Month. Card total for the present month.

Status – Each card is set with a status of **Disabled**, **Enabled** or **Capture**. When the card has expired, the **expired status** is used and when the cards count is full, the **count full status** is used. Typically an expired card becomes capture.

Counts - Parameters in this section are used only in certain installations when counting of the card in to a specific area zone is required (e.g. in to a canteen) or in vending type applications All the parameters are editable, with the value and entries parameters being update by the system as the card moves in to certain area zones.

Two counters are available for a card, a normal (overall) counter and a period counter (which limits entries within the **Period** set). For example limit to 3 entries per day (period counter limit of 3, period of 0000-00-01) with a total limit of 25. Both counters increment (or both decrement) whenever there is an entry to the counting area zone. These are the **count now** and the **Pcount now** values. When either counters reach the limit as set in **count limit** and **Pcount limit** (or zero if decrement), the Count full area group add zones are added and the delete group zones are denied access. The cards status is changed to the **Count full status**. For example a card could become be a capture card or be disabled, or not given access to the counting area zone. The period counter is automatically reset to the **Plimit** (if counting up) or to 0 (if counting down) when the card enters in a new period (e.g. in a new day) and the **period next** changes to the end of the period.

Zone counts can be set to increment or decrement in the general set-up menu.

Count Now, limit. The current overall count is displayed and is updated by the system when the card entered the count zone. The limit is the maximum number of times the card can enter the count zone.

Period, Next. Time period of the period counter, limiting the card to the count zone according to the period count limit.

Pcnt Now, limit. The now value of the period counter and the limit value of the period counter.

The **Card** page contains card related Access information:

CARD Info - Data in this section is editable and is not altered by the system.

Number 1 and 2. This number is the true number encoded in to, or on to the card or tag. In most installations, the number is equal to the card reference number. This number is only used for readers set with DB10, for other settings, the reference number is used as the card number. Readers are set to use cards 1 or 2.

For DB10, the number of digits for number depends on the setting in the general set-up menu. For example when set to 5, 5 digits must be entered for number, with leading zeros to make up the 5 digits. The default set in the XLI files is 1, thus requiring no leading zeros.

Issue 1 and 2. Cards that use an issue number as part of the card number, require the issue number setting. This is programmed in to the card. Only the card with the latest issue number can be used.

Previous. This number indicates the previous card number the cardholder used and is only used for documentation purposes and does not affect the functioning of the system.

Host Linked to. A card number can be linked to a host card, only being allowed access via a reader which gives access to the area (or linked area) in which the host is in. The linked number is the *reference* number of the host, not the card number. This option is also referred to as **Follow me**.

Visitor ref. If the card is a visitor card, as entered by the visitor system, the last visitor reference (i.e. the visitor that last was allocated to use the card) is displayed. If a normal card, the reference is zero.

Pin code. A pin number can be allocated to cards when pin pads are installed. Depending on the set-up of the Pin Pad and reader time groups, access is via either card or pin code or both. Cards set with a pin code of zero, gains

access only by card, no pin is required. Should more than one cardholder have the same pin code and access is only by pin (no card is swiped), the system reports access to the holder of the pin code first found in the database (starting at card 1). When cards and pin codes are used, the correct card is reported. A 9 in the last digit of the code is reserved for duress report, i.e. when a cardholder changed the last digit to 9, a duress alarm is generated (access is granted if the card normally has access).

Issued.

This is the date and time the card was issued and serves as the enable time for the card. The card will not function before this date/time. The format is year-month-date hour:minute (e.g. 1986-12-30 11:50).



Sets the issues to date/time of the PC and the expires time as defined in the expire mask in the General set-up menu

Expired.

The card expires on this date/time. The format is the same as above.

Passback.

A card set as a passback card, overrides anti-passback, i.e. the card can be used for multi-access to the same area zone without the requirements to exit the zone (as is required for anti-passback). The required option is selected by clicking in the down arrow and clicking on the required option.

Photo.

A photo can be linked to the card by entering the file name (with path). Drawing can be created with photos linked to readers, i.e. the photo of the card presented to the specific reader is displayed (see SoftDraw). The photo is linked to the card by double clicking on the photo area, which opens a list box of photos in the photo database. Select the appropriate photo by scrolling the list. Photos are of any popular file types, e.g. .bmp, .jpg, etc.

Photo.

The label design contains the form of the card that is printed when a card is manufactured and is selected from a list created in the label menu. The data that is programmed on to the MAG stripe or the smart prox (data programmed in to the memory of the card) is also defined in the label design. Readers can be set as a "late" readers, resulting in a "late event" being generated when the card enters via such a reader (the normal entered event is also generated). This event is logged and changes the cards late status to "late". This status can be changed to "normal" (not late) by clicking on the list box.

Late Status.

Last Late.

When a card is set to late, the time of the event is set in the last late field.

Read

When a reader is connected to the PC, selecting the read button enables the reading of the card number from the card. The number is loaded to the card number that is selected (number 1 or number 2).

Write

When a programmer is connected to the PC, selecting the write button enables the programming of the card number to the card. The data loaded to the card is set via the programmer set-up menu.

A **video window** displays the live video. Moving the cursor over the window displays the capture frame (set in [video photo width and height](#)). The frame is move over the image and a photo is taken by clicking. The photo is saved in the [default photos folder](#), with the extension and type as set in the [default photo extension](#). The file name default to the card reference number.

To print a card or to program a MAG card, a label must be allocated to the card. A **label** can be selected which is used when printing or programming (if MAG) the card. Labels are created via the [card label design](#).



Print preview A preview of the card is displayed.



Print The card is printed to the selected printer.

When a programmer / reader is installed and enabled (see [MAG programmer](#)), the data on the MAG card is read and displayed by selecting **MAG Read** and swiping the card. The card can be programmed (as set in the card label) by clicking **MAG program** and swiping the card.

Selecting **Crop from file**, the selected card file is displayed in the video window, allowing the cropping of the file, i.e. the frame is move over the image and a photo is taken by clicking (as for the live video). This

facilitates the use of file from emails, digital cameras, etc. Right clicking on the video window when in the crop mode, provides facilities to **zoom** in or out. To revert back to live video, select the **Video Camera** button.

When in the video camera mode, right clicking on the video window allows setting the **Video Source**. Preview mode and Overlay mode selections set the mode and are dependant on the device installed. Video Format and Video Source access the video driver, allowing the setting of resolution (typically 352x288), pixel depth/compression (typically RGB 24), gain control, image mirror, flicker, video enhancements and device settings (brightness, contrast, etc.). The options available and the functionality are dependant on the video driver installed.

When scanning images/documents that are linked to a card, **Scan Source** selects the scanner and **Acquire** starts the scan process. The scanned image is displayed in the video block and is saved by moving the capture block over the section to be saved.

The **Vend** page contains card related vending related data that is described in the vending manual.

5.1.2 **Save.**

Saves the data in the current active window. This function is only active when the active window data can be saved, and the data is saved to the current data source.

5.1.3 **Save as.**

Saves the data in the current active window to a new file name. This function is only active when the active window data can be saved. The file location, name and type are requested.


5.1.4 **Save As Live**

Should data on display change as a result of database changes by other programs, the data on display is automatically updated when the display has been saved as live.

5.1.5 **Save Not As Live**

Displays saved not as live, display data contained in the databases when the display is opened or after refresh (select F5 key). Changes to databases by other programs are not updated on the current display.

5.1.6 **Close.**

Closes the selected window (if password allows). This is equivalent to selecting  in the window.

5.1.7 **Print** (Ctrl+P)


When in certain menus, the print option is active. In list editors, the selected lines are printed with column headers and column widths.

5.1.8 **Print preview.**

When the print option is active, the preview is active – showing a print preview for the default printer.

5.1.9 **Print Set-up.**

An installed Windows printer is selected and the setting changed as required. The options are printer dependant.

-  Magnetic Encoding Options
 - Magnetic Encoding Mode: ISO Encoding
 - Magnetic Track Options: **Track 2**
 - Track Bit Density: **75 Bits per Inch**
 - Track LRC Generation: Even Parity LRC
 - Track Character Size: **5 Bits per Character**
 - Track Character Parity: Odd Parity
 - Track Character ASCII Offset: **ZERO**
 - Shift Data to Left: **Yes**
 - Verify Magnetic Encoding: Yes

5.1.10 **Exit.**

Exits the CardMaker program.

5.2 EDIT

The edit functions are active when editing a label.

5.2.1 **Select All.** **Ctrl+A.**

Selects all the items on label design.

5.2.2 **Undo.** **Ctrl+Z.**

Un does the last change on the label design. The last 400 changes can be undone.

5.2.3 **Cut.** **Ctrl+X.**

Deletes the selected item(s), saving it on the Windows clipboard – can be pasted from the clipboard.

5.2.4 **Copy.** **Ctrl+C.**

Copies the selected item(s) to the Windows clipboard – can be pasted from the clipboard.

5.2.5 **Paste.** **Ctrl+V.**

Item(s) from Cut or Copied to the Windows clipboard are pasted.

5.2.6 **Delete.** **Del.**

Selected item(s) are deleted (not copied to the clipboard).

5.2.7 **Properties.** **Alt+Enter.**

The properties of a selected item are displayed (see [NEW LABEL](#)).

5.2.8 **Move To Front.** **Ctrl+Plus.**

The selected item(s) are moved to the front (top) of the label design .

5.2.9 **Move To Back.** **Ctrl+Minus.**

The selected item(s) are moved to the back (bottom) of the label design.

5.2.10 **Move Forward.** **Plus.**

The selected item(s) are moved forward (toward the top) of the label design.

5.2.11 **Move Backward.** **Minus.**

The selected item(s) are moved backward (toward the bottom) of the label design.

5.2.12 **New Item.** **Ins.**

Adds a new item on a label design.

5.3 SET-UP

5.3.1 Set-up Editor.

Edits the following lists:

CM PC.

Set-up PC data via the following items:

Number.	The PC reference number.
Name.	The PC network name.
IP Address.	IP address, used only for documentation purposes.
Video.	Video capture card is used.
Card Select.	When checked, the card can be found by entering the card number.
MAG R/W.	MAG reader/write type connected to the serial port of the PC.

MAG Programmer

Certain Cards printer can program MAG card. The MAG data is sent as print data with special start and end characters and characters indicating the track number. These characters are set in this table for each printer type (Windows driver name), for each track. When printing, the characters are automatically added to the MAG track string as set on the card label via the MAG track setting. Note that the Windows default printer is used and if the name of the default printer is not found in the MAG programmer list, no start and end characters are added. The match comparison is until the first space or underscore is found, i.e. these and characters after are ignored.

MAG Track

Data to be programmed on to MAG cards are set as an item on the label allocated to the card. The MAG item is selected from a list or track setting that is set via this menu.

The **name** is a descriptive name that identifies the setting (e.g. Parking 24hr) and is shown in the label design. **Track** sets the track to 1, 2 or 3.

The data set what is to be programmed and can consist of fixed data or data from card fields. The fields are enclosed in curly brackets { } and the number of characters are indicated with a % character. The % character could be followed by a minus (fill in the front) or plus (fill at the back) character. For example: Client code 123, site code 3 equals facility code 31491 ($123 * 256 + 3$)

31491{% -5%F_CD_NUM}{% -2%F_CD_ISSUE1}.

Selects fixed number 31491, followed 5 characters from the card number field (filled with 0 at the front), 2 characters from the issue field (filled with 0 at the front). This requires the controller facility location setting of 2 to 6, number location of 7 to 13 (card number consists of 7 digits which includes the issue number).

PC I/O SET-UP

Serial (via COM ports) and parallel (via LPT ports) interfaces can be connected to PCs, connecting card reader/writers, barcode readers, inputs (monitored inputs to the systems) and outputs (controlled outputs) to the system. For serial COM devices, the bit per second (**Baud**), **DataBits**, **Parity**, **StopBits** and **Flow** is set via list selections. The **Application** (SoftWin3 program) and **PC** where the programs runs are selected from lists. The **Source** selects the type of function the I/O data is referenced and is selected from one of the following:

Bar Code	Serial data from item reader - POS, asset track.
Barrier Entry	Output to entry barrier PPOS.
Barrier Exit	Output to exit barrier - PPOS.
Card	Serial data from card reader - card edit.
M2M Contoller	Serial data to/from controller.
Park Entry	Serial data from entry reader – PPOS.
Park Entry/Exit	Serial data from entry/exit reader – PPOS.
Park Exit	Serial data from exit reader – PPOS..
Payment	Serial data to pay display –POS, PPOS.

Type selects the PC interface (COM1 to COM8, LPT1 to LPT8). Softcon serial interfaces have 3 outputs and parallel interfaces have 8 outputs, the appropriate output of an interface is selected via the **Port** number (1 to 3 for serial and 1 to 8 for parallel) for the item (see item set-up).

LPT_Address base settings vary on certain PCs. When using a LPT device, the address must be set to match the PC setting in: Settings\ Control Panel\ System\ Hardware\ Device Manager\ Ports LPT?\ Properties\ Resources.

5.3.2 **New Print Label.**

Creates a new print label. A label is the design of a card print and can contain any or multiples of the following items:

- Background.** An image that is used as a background, selected from the symbol table.
- Count Item.** A running number. When printing, the operator is asked for the start number and the total to print. If an invisible number is required, set no font or the size to zero.
- Field data.** Data from the card database selected for printing, e.g. the cardholder's name.
- Fixed text.** Fixed descriptions, e.g. 'NAME'.
- Photo.** The photo linked to the card.
- Symbol.** Images selected from the symbol table.
- Track.** MAG track data to be programmed on to the card.

Right clicking on an item and selecting **Properties** accesses the properties of an item. Alternatively, select the item by clicking on the item and select properties from the edit menu, or select **Alt+Enter** on the keyboard.

The size and position of the items can be changed by editing **X-position**, **Y-position**, **Width**, **Height** in the properties of the item or by selecting the item and stretching the item by clicking and dragging on the edge markers (on the corners or on the middle of the sides) – the dragging automatically changes the position and size setting of the item. Items can be aligned left, right, top or bottom and can be equally spaced horizontally or vertically and be equally sized by selecting the items and selecting the appropriate symbol (see below).

Items can be **rotated** by 0, 90, 180 or 270 degrees, by selecting the appropriate selection in the item properties menu.


New Items are added by right clicking and selecting new items, by selecting new item in the edit menu or by selecting **Ins** on the keyboard. Items can be **copied** and **pasted** by selecting the items and selecting copy from the edit menu or by right clicking or by selecting **Ctrl+C**.


Selected items are **deleted** by selecting **Del**.

The size of the card is obtained from the settings of the selected default printer. The printer is selected via the **PRINTER SET UP** menu.

Mode Select.


Items are selected by clicking on the item. Keeping in the shift key while selecting, allows for multiple selection (or unselecting by clicking on the selected item with shift selected). To select all items in a block, select the mode select key, which becomes depressed (indication block select mode) – click and drag a block over the items to be selected. To unselect items in the block, exit the block select mode (by clicking on the mode select button) and click on the undesired item(s) with shift selected.


 **Align Left.** Items selected are aligned left to the last item selected.


 **Align Right.** Items selected are aligned right to the last item selected.


 **Align Top.** Items selected are aligned to the top of the last item selected.


 **Align Bottom.** Items selected are aligned to the bottom of the last item selected.


 **Space Horizontally.** Items selected are equally spaced horizontally, using the spacing of the of the last two item selected.

 **Space Vertically.** Items selected are equally spaced vertically, using the spacing of the of the last two item selected.

 **Same Width.** The width of the selected items are sized to the width of the last selected item.

 **Same Height.** The height of the selected items are sized to the width of the last selected item.

 **Same Size.** The size (width and height) of the selected items are sized to the that of the last selected item.

 **Open Card Label.** Edit an existing print label. All editing functions are described in the new label section above.

5.3.3 **Label Library.**

Registers images, icons, symbols and backgrounds (bitmap or JPEG type files) in the symbol library. Once registered, they can be placed on card label designs. These files are created with paintbrush or appropriate programs. The description given to the symbol is displayed in the properties of a background or symbol items. The file name of the item must include the path.

5.3.4 **Label Table.**

Contains a list of the labels available – displaying the file name of the label design.

5.3.5 **MAG Read.**

When in a card list display, selecting read and swiping a card, moves the cursor to the line, which is allocated to, the card read. When editing card number and reading a card, the card number is entered to the edit field. The data is displayed in the read display line.

The programmer type is set in the [PC set-up](#) menu.

5.3.6 **MAG Default Write loco, hico, Custom**

Certain programmers require a programming power setting for the card type, generally HiCo or LoCo, ar a custom setting. This is sent to the programmer when the option is selected.

5.3.7 **General Set-up.**

- Video Photo Width.** The width size in pixels of the photo capture frame in the card menu.
- Video Photo Height.** The height size in pixels of the photo capture frame in the card menu.
- Default Photo Folder.** The path to where the photos are located.
- Default Photo Extension.** The type of file – e.g. JPG, BMP or TIF.
- COM Reader Card Mask** Data from the serial reader connected serial port of the PC can be compiled from fixed data and card data fields. The format of the data is set with the card mask. The fields are enclose in curly brackets { } and the number of characters are indicated with a % character. The % character could be followed by a minus (fill in the front) or plus (fill at the back) character. The ? character ignores the digit.

For example: `{%-9%F_CD_NUM}{%-2%F_CD_ISSUE1}0`.

Selects 9 characters from the card number field (filled with 0 at the front), 2 characters from the issue field (filled with 0 at the front) and the fixed number 0.

Keyboard Card Mask.

As for COM mask, keyboard mask is for a reader integrated with the PC keyboard. Integrated MAG readers have a leading ; and end with ?. These characters are used to identify a reader string.

AMC Begin Position.

On AMC readers, where character position where the card data starts.

AMC Length.

The number of characters in the card number on the card (starting at begin position).

5.4 Log fields

The optional fields that are logged are enabled by ticking the appropriate fields in the log fields set menu. Field description lists the general events that have data in these fields. See logging in SCS_Client for more details.

5.5 Date and time properties

Changing the time and date of the local PC via this menu results in the change being sent to all PCs running linked Softcon SoftWin3 programs (connected to the same SCS_Server.exe application). The changed date/time is also sent to all controllers. PCs date/times are synchronised with the PC set as the **Master DT (PC set-up)** when the applications start and every 90 minutes thereafter. When PCs connect via the distribution server, date/time is set to that of the PC set as Master DT.

Note that changing the date/time via Windows applications will not result in the immediate sending of the changes to controllers or other PCs – this will only be done when the controllers are sent a set-up, become on-line, when applications start or when the automatic periodic synchronizations occur (once an hour for controllers, 90 minutes for PCs). The Windows time/date set applications should thus not be used and should be disabled via policy editors.

6 TOOLS

6.1  **Logon/off**. Changes the logged on user.

6.2  **Change Password**. Changes the password of a user.

6.3 **Video**. The installed video camera/card settings are accessed. The data is dependant on the type installed.

6.4 **Menu Access**. Accesses to the menus are password controlled and is set by the administrator. User groups are given or denied access to each of menus. Users are allocated to user groups.

6.5 **Print cards**. With the Card Maker option enabled, card can be printed via the card property menu or as a batch via the print cards in the tools menu. The card references are separated by commas and ranges are separated by dash, e.g. 1-10,14,18 (cards 1 to 10 and cards 14 and 18). A delay in milliseconds sets the time between prints and prevents the printer buffer from overflowing. The label file sets the card label to be used for print, if not set, the labels as set for each card is used. The last card printed is updated when the print is completed (sent to buffer)..




7 VIEW

#**Toolbar**. En-disables the hotkey toolbar.

#**Symbol Dialog Toolbar**. En-disabled the Symbol display when in the symbol menu.

#**Status Bar**. En-disables the status bar at the bottom of the window. Connection with the server (SCS_Server.exe) is displayed with a green dot, a red dot indicates no connection.

8 WINDOW

Normal Windows ordering of multiple open windows is by the selection of #k  **Cascade**, #k  **Tile Horizontally** and #k  **Tile Vertically**

9 HELP

Access to this file is by selection of the help option or selecting F1. Topic help is currently only via the help menu.

#Topic

#k **About**

Displays general information on the program, with parameters available when starting the program.