

# **CV-TACWM**

# Wiegand Controller

Installation Manual



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The Wiegand Interface Module (WIM) allows door access using HID and AWID compatible card readers external to the CV-TAC400 panels.

A self contained unit, the WIM can power and receive data from the card reader and control the door lock. Communication between the CV-TAC400 Master panel and the WIM is established through the RS485 interface bus.

Programming the WIM is done through the SFT5202 Windows Client software.

# 2 Installation

# **Connecting an Access Door WIM**

The connections for a door access WIM are shown in Figure 1 and Figure 2 below.

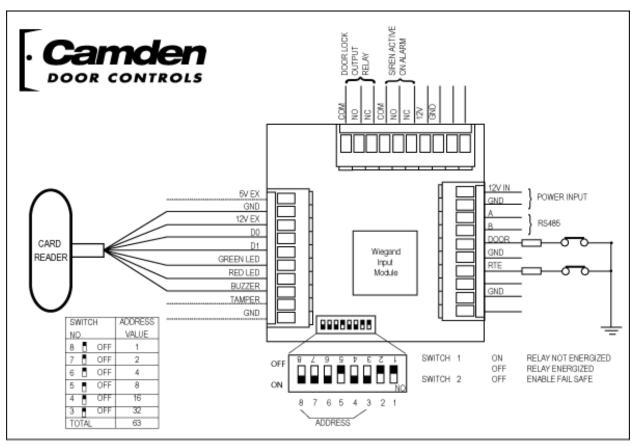


Figure 1 - WIM Hardware Connections

Power (+12VDC) is connected to +12V and GND. The NC, COM and NO connections are connected to the door lock. The connection depends on the type of door lock.

RTE (Request to Exit) is a Normally Closed pushbutton switch mounted inside the building which a resident pushes to unlock the door.

The Door Contact is a Normally Open switch that senses if the door is open or closed. The switch is open when the door is open and closed when the door is closed.

The card reader connections are shown below. The +5 and 12 V connections on the connector with the other card reader connections power the card reader. Choose the appropriate one for the installed reader.

# Setting the DIP Switches

#### **DIP Switch 1**

This switch controls the door relay. The relay energized setting means the relay is normally energized and is deenergized to open the door.

#### **DIP Switch 2**

This switch controls fail safe mode. In fail safe mode any card with a recognized format will open the door if the controlling CV-TAC400 fails or becomes disconnected.

#### **DIP Switches 3 to 8**

These switches are used to set the device address.

WIM addresses may range from 2 to13 for door access and 40 to 43 for elevator access..

## Setting the Device Address DIP Switch

Each Auxiliary device connected to a network requires a unique address so the computer can identify it. The address is configured by setting the DIP switches on each item. Use the following to configure the DIP switch to a specific address:

SUBTRACT #	8 Pin DIP Switch	WIM DIP Switch
1	8	3
2	7	4
4	6	5
8	5	6
16	4	7
32	3	8
64	2	-
128	1	_

1. Obtain from the 'subtract #' column the closest number, without going over, to the address required.

2. Subtract this number from the address.

3. Obtain from the 'subtract #' column the closest number, without going over, to the result.

4. Subtract this number from the result.

5. Repeat steps 3 and 4 until the result is zero (0).

6. Each time a number from the 'subtract' column above is used, the corresponding switch number is set to the OFF position.

EXAMPLE: Address thirteen (13) on an 8-pin DIP switch setting is obtained by doing the following subtractions:

13(address) - 8(subtract #) = 5(result) - 4(subtract #) = 1(result) - 1(subtract #) = 0(stop at 0)

From the above chart 'Subtract #' 8, 4, and 1 corresponded to switches 5, 6 and 8. Set each switch to OFF as illustrated on the following page.



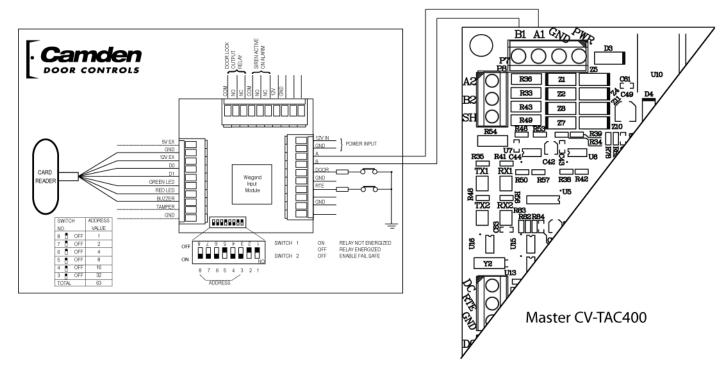


Figure 2 - WIM Connected in System

# **Cable requirements**

#### Power:

Power Supply to CRB6 Riser Board: 14/2 CRB6 Riser Board to Suite Panel / Auxiliary Devices: 18/2 Auxiliary Device to Auxiliary Device: 18/2

#### Data:

Auxiliary Device to Auxiliary Device: 22/2 Twisted Shielded.

Card Reader to WIM: 22/7 Shielded

Monitoring Devices to WIM: 22 Solid (no. of conductors depends on requirements)

Monitoring Devices to Suite Panel: 22 Solid (no. of conductors depends on requirements)

Video: RG-59 or video mini co-ax cable is required.

**Note**: All cables are stranded unless specified. If cable runs exceed 1000 ft. use 16/2 on trunk lines for power.

Cable Impedance: Data < 120 Ohms

# Programming

# Programming the CV-TAC400

### 1. Starting the SFT5202 Windows Client Software

The following instructions apply only if the default file locations were used in the software installation. If any changes were made that location should be used.

To start the SFT5202 Windows Client Software open (double click) the SFT5202 icon on the desktop If there is no SFT5202 icon on the desktop the following steps may be performed:

- a. select the Start Menu from the windows desktop
- b. select Programs from the start menu
- c. select the "remoteAdmin" folder
- d. select SFTD5202D from the list. The main SFT5202 Windows Client Software window will be displayed

#### 2. Establishing a Connection with the CV-TAC400

The CV-TAC400 is remotely programmed via a Windows PC, using a dialup connection or optional USB to RS485 converter.

#### A. Remote Connection Using a Modem

#### Overview

The CV-TAC400 may be connected to a computer system over a telephone line. To do this the CV-TAC400 requires the modem module. The computer requires a modem connected to it and the SFTD5202 software. Using the modem is identical to the RS485 connection after the connection has been made. Because a computer with a modem may be used to manage multiple CV-TAC400's the "Open Session" initialization is not used. Downloading and uploading data using the modem is described in section 4 above

The telephone number and password for each building may be entered into the system. When you wish to update that particular building the dialing information may be selected from that list.

# Configuring the SFTD5202 Software for the Modem

#### Overview

Each time the modem is used the modem must be initialized. Once the modem is initialized it may be used until the SFTD 5202 software is closed.

## Finding the COM Port

To identify the modem to the SFTD5202 software the computer system gives it a name, such as COM3. To use the modem you must know its COM port number. Determining the COM port varies depending on the computers operating system.

Different versions of the operating system will have different methods for determining the COM port. The following discussion may not exactly match your particular system. In general for Windows Operating systems the "Control

Panel" will have an icon for modem options. It may be under the "Hardware and Sound" Icon or directly visible. Selecting it will show which COM port the modem is connected to.

### Changing the Settings

- a. To change the communications settings follow the steps below:
- b. Start the SFT5202 Windows Client Software (see page 4-)
- c. Select the "Setup" menu. A list of submenus will be displayed
- d. Select the "Communications" submenu. The "Communication Setting" form will be displayed

🚜 SFT5202				
Session View/Edit Data Records Backup 50	stup System File Setup/Mainten	ance About Exit		
nden Camden	Communications Dial Up	mden	Camden	Ca
mden Camden	List Remote Modem(s) Setting Remote Modem(s) Password Configure Remote Modems	mden	Camden	Ca
mden Camden	Message output ON	mden	Camden	Ca
mden Camden	Camden Ca	mden	Camden	Ca
mden Camden	Camden Ca	mden	Camden	Ca
mden Camden	Camden Ca	mden	Camden	Ca
mden Camden	Camden Ca	mden	Camden	Ca
mden Camden	Camden Ca	mden	Camden	Ca
nden Camden	Camden Ca	mden	Camden	Ca

e. In "Connection" box select Modem.

Com Port     COM4     Connection       Conection     Connection       Conection     RS485 Line       Conection     Second       Data Bits     Baud Rate:       Conection     Second       Flow Control     Parity       Conection     None       Control     None					
C 7 C 8 Baud Rate: 56000 v bps Flow Control Flow Flow Control Flow Flow Control Flow Flow Control Flow Flow Flow Flow Flow Flow Flow Flow	ź	Modem		Com Port COM4	de
Flow Control	Ż	0 💌 bps	Baud Rate : 56000		de
Hono Cuu - Even	R		Parity		de
🕻 📀 None C Xon/Xoff		Odd C Even		Flow Control	
Stop Bits Echo	ž	Echo	Ston Bits	None C Xon/Xoff	æ
	Cie			C RTS C Xon/RTS	de
Test Connection Save Settings Close	Ce	Close	Save Settings	Test Connection	Je

- f. In the "Com Port" drop down box select the COM Port the Modem is connected to.
- g. In the "Data Bits" box select 8.
- h. In the "Flow Control" box select "none".
- i. In the "Parity" box select "None".
- j. In the "Stop Bits" box select "1".
- k. In the "Echo" box select ""Off".
- I. When you are done Save the settings by selecting the "Save Settings" button

#### Initializing the Modem

# NOTE: The modem will remain initialized until the SFTD5202 software is shutdown. This initialization procedure must be performed each time the SFTD5202 software is restarted.

To initialize the modem follow the steps below:

a. Ensure the "Communication Setting" form is displayed.

nde	ommunication Setting			N Ca
nde	Com Port COM4 -	Connection C RS485 Line	Modem	Ca
nde	Data Bits	Baud Rate : 5600	) 💌 bps	Ca
nde	- Flow Control	Parity		Ca
nde	None C Xon/Xoff		0dd C Even	Ca
nde	C RTS C Xon/RTS	Stop Bits	C On C Off	Ca
nde	Test Connection	Save Settings	Close	20

b. Select the "Save" button.

Settion View	Edit Data Records Backup	Setup System File Setu	up/Maintenance About E	a.	X
			Camden		· Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden		iully initialize modem	Camden	Ca
	Camden			Camden	Ca
nden	Camden		Camden	Camden	Ca
	2	>	Camden		>
nden	Camden	Camden	· Camden	Camden	Ca
	>	>	Camden		>

c. The modem is initialized.

## Setting the Remote Modem

#### Overview

Each remote site that this system connects to will have an associated password and phone number. These may be stored in a list so that they may be easily accessed.

#### Setting up a Remote Modem

To add a remote site and its phone number and password to the list of sites follow the steps below:

- a. Start the SFT5202 Windows Client Software.
- b. Select the "Setup" menu. A list of submenus will be displayed
- c. Select the "List Remote Modem(s) Setting" submenu. The "Remote Modem Information" form will be displayed.

	😹 SFT5202			×
		cords Backup Setup System File Setup,		
		ndon Camdon	Camdon Camo	Von Ca
mote M	odem Information			2
Nodem	List			
Index	:<003>, TelNum:<12345		81dInfo: <etobicoke buil<br="" east="">nfo:<condoplex buildir<br="" south="">81dInfo:<testingd></testingd></condoplex></etobicoke>	
	Add	Del	Mod	Close

d. Select the "Add" button. The "Modem Information" form will be displayed

dex:<00	odem Information			
dex:<00	Index : 005	Telephone Number:		
	ELP Default Password:			
	Building Information:			
	Building Information.			
		рк	Close	
Ac			100	viose

- e. Enter the Remote telephone number in the "Telephone Number" box.
- f. Enter the Remote modem Password in the "ELP Default Password" box.
- g. Enter the Building Identification in the "Building Information" box.

ndex:<00	odem Inform	nation			
index:<00 index:<00	Index:	005	Telephone Number:	4165551122	
.muex.<00	FI P Defa	ult Password	12345678		
	221 2010	ant abomora.	12343670		
	Building Ir	nformation: Tor	ronto East		
		OK		Close	
Kom				nou	ose

h. Select "OK" to save the information or "Close" to exit without saving

# **Starting a Connection**

#### **Overview**

To communicate with a remote system via modem you must first start the connection. As the system does not know which system will be connected you do not use start session.

## Starting the Connection

- a. To start a connection to a remote system follow the steps below:
- b. Start the SFT5202 Windows Client Software.
- c. Select the "Setup" menu. A list of submenus will be displayed

🛃 SFT5202						D
Session View/	Edit Data Records Backup	Setup System File Setu	up/Mainter	ance About Ex	it	
nden	Camden	Communications Dial Up		mden	Camden	Ca
nden	Camden	List Remote Modem(s) Remote Modem(s) Pass Configure Remote Mod	word	mden	Camden	Ca
nden	Camden	Message output ON	~	mden	Camden	Ca
nden	Camden	Camden	Ca	mden	Camden	Ca
nden	Camden	Camden	Ca	mden	Camden	Ca
nden	Camden	Camden	Cá	mden	Camden	Ca
nden	Camden	Camden	Ca	mden	Camden	Ca
nden	Camden	Camden	Ca	mden	Camden	Ca
nden	Camden	Camden	Ca	mden	Camden	Ca

d. Select the "Dial Up" submenu. The "Dial Up" form will be displayed.

SFT5	5202							×
Inclusion.		idit Data Records		isessa saassuutuus	le Setup/Maintena			
	ł	-	den	Camde	en Ca	mden	Camden	Ca
nde	Dia	l Up						ZCa
nde	9	Building :	000.5				•	Ca
nde	2	Telphone N	um 003: Co 004: tes		uilding 80001			Ca
nde		Password:	005:10	ronto East		_	×	Ca
nde	2		Dial u	p			llose	Ca
nde	en	Cam	den	Camde	en Ca	mden	Camden	Ca
nde	en	Cam	den	Camde	en Ca	mden	Camden	Ca
nde	en	Cam	den	Camde	en Ca	mden	Camden	Ca

- e. Select the remote site from the list of remote sites in the "Building" drop down list. If the building is not in the list you may enter the information in the form.
- f. Select the "Dial up" button to start the connection or Close to exit with starting the connection.

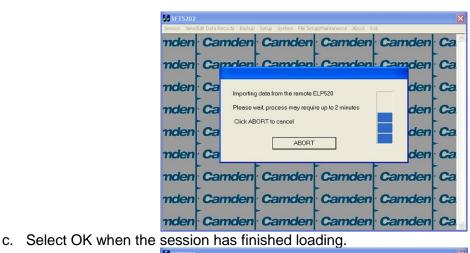
#### B. RS485 to USB Convertor

Simply connect the USB Converter to your computer.

- 3. Open a Session with the CV-TAC400 (Working Online with an RS485 Converter))
  - a. Select the Session Menu.



b. Select Open Session.



SFT5202					×
Session View/	Edit Data Records Backup	Setup System File Set	up/Maintenance About E	dł.	
nden	· Camden	Camden	· Camden	Camder	
nden	Camden	Camden	Camden	Camder	Ca
nden	Camden	Camden	Camden	Camder	
nden	Cam	Session Opened. Local and	remote ELP Databases Sync		Ca
nden			<u>K]</u>	mder	Ca
nden	Camden	Camden	Camden	Camder	Ca
nden	Camden	Camden	Camden	Camder	Ca
nden	Camden	Camden	Camden	Camder	Ca
nden	Camden	Camden	Camden	Camder	

- 4. Open a Session with the CV-TAC400 (Working Online with a Modem Connection)
  - a. Select the "File Setup/Maintenance" menu and select "Import Data from an CV-TAC400(s).

🛃 SFT5202					
nden	Edit Data Records Backup Camden	Came Load	IP/Maintenance About E: Factory default file from Loo the Backup you created into the Backup File(Uses the Curr	al Computer File SFT5202	Ca
	Camden	Expo	rt Data from an ELP520(s) rt Data to an ELP520(s)	<b>a</b>	·Ca
	Camden				-
	Camden	-			-
Construction of the second	Camden		-		-
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca

b. Scan for Remote CV-TAC400s. Select the remote CV-TAC400 from the list you wish to communicate with.

Session	Viev	v/Edit Data Reco	rds Backup	Setup	System		e About			
nd	en	Import Data	from an I	LP520(	;)	•				Ca
nd	er	Sce	n	St	art Dip:	1	End Dip:	5	_	Ca
nd	er	Remote	ELP520							Ca
nd	er									Ca
nd	er									Ca
nd	en									Ca
nd	en									Ca
nd	er									Ca
nd	en		Impo	ortNow			Close			Ca

c. The CV-TAC400's data will be imported. The download from the remote CV-TAC400 can take up to 5 minutes.

SFT5202 Session View/E	dit Data Records Backup Setup System File Setup/Maintenance About Exit	X
nder	aport Data from an ELP520(s)	Ca
nder	Scan Start Dip: 1 End Dip: 5	Ca
nder	Remote ELP520	Ca
nder		Ca
nder	Finish importing data from ELP520111	Ca
nder	ОК	Ca
nder		Ca
nder	1	Ca
nder	Download<001>: Pin Code Stop	· Ca 🖉

#### 5. Load the Factory Default

- ▲ Using this file will erase all previously saved data.
- 1 The default factory file is located on the installation CD.

Start by selecting a file of current information. To do this, follow the steps below a. Select the "File Setup/Maintenance" menu. A list of submenus will appear below.

🈹 SFT5202					
Session View/	Edit Data Records Backup	and the second	up/Maintenance About Ex		
nden	Camden	Came Load	l Factory default file from Loc I the Backup you created into Ite Backup File(Uses the Curr	SFT5202	Ca
nden	Camden		rt Data from an ELP520(s) rt Data to an ELP520(s)		Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	· Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca

b. Select the "Load the factory Default File into the computer" submenu. A file selection window will be displayed.

🛃 SFT5202				-	
	Edit Data Records Backup		tup/Maintenance About E: d Factory default file from Loo d the Backup you created into ate Backup File(Uses the Curr	al Computer File SFT5202	Ca
nden	Camden		ort Data from an ELP520(s) ort Data to an ELP520(s)		Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca

c. Navigate the Explorer window to your CD Drive containing the installation CD.

🛃 SFT5202			1	×
	Edit Data Records Eaclup Setup System File Setup/Mantenance About Exit	nden	Ca	~
nden		den	Ca	
nden	Condoplex Manual 🥑 desktop	den	Ca	
nden	setup	den	Ca	
nden	AUTORUN Ido-inst	den	Ca	
nden	Ca. File name: Open	den	Ca	
nden	Cal	den	Ca	
nden	Camden Camden Camden Can	nden	Ca	
nden	Camden Camden Camden Car	nden	Ca	~

d. Select the 'factory files' folder.

🛃 SFT5202		×
	Edit Data Records Backup Setup System File Setup/Maintenance About Exit	
nden	Camden Camden Camden Ca	nden Ca
nden	Cal Open	den Ca
nden	500Dirs(noname)-noUsers	den Ca
nden		den <mark>Ca</mark>
nden	Ca	den <mark>Ca</mark>
nden	Cal File name: 5000 is(noname)-noUsers Open	den Ca
nden	Cal Files of type: All Files (",")	den Ca
nden	Camden Camden Camden Car	nden Ca
nden	Camden Camden Camden Ca	nden Ca

e. Select the factory Default file -> 500DIrs(noname)-nouser and then select "Open"

SFT5202	Edit Data Records Backup				×
	Camden				Ca
nden	Camden	· Camden	· Camden	· Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
	Camder		X	Camden	>
and the second sec	Camder	Finish loading fac	tory file from local computer		-
	Camden				>
	Camden	-	>	-	>
	>		-	-	>
	Camden		-	-	-
nden	· Camden	Camden	Camden	Camden	Ca

#### 6. Set the Facility Code

To add or change a facility code, follow the steps below:

- a. Select the "View/Edit Data Records" Menu. A list of submenus will be displayed
- b. Select the "Configuration Settings" submenu. The Configuration setting window will be displayed. Do not change the CV-TAC400 Address field at the top of the window.

SFT5	202				
Session		Setup System File Setu	p/Maintenance About E	xit	
nck	Configuration Settings Suite/Directory Data Pin Code	Camden	Camden	Camden	· Ca
nck	View/Export Log Data Generate Report Report Statistics	Camden	Camden	Camden	Ca
nck	Backup Database Restore Database Clear Existing Log(DB)	Camden	Camden	Camden	Ca
nde	n Camaen	Camden	Camden	Camden	Ca
nde	en Camden	Camden	Camden	Camden	Ca
nde	en Camden	Camden	Camden	Camden	Ca
nde	en Camden	Camden	Camden	Camden	Ca
nde	en Camden	Camden	Camden	Camden	Ca
nde	en Camden	Camden	Camden	Camden	· Ca

c. Select the Misc tab. The miscellaneous tables will be displayed.

Configuration Setting of	ELP														X
ELP520 Address:	1 💌														
User	AccessLevel	ElevatorL	evel	Slav	e Device	$\gamma$	E	LP C	onf		r		Mis	с	ר
Factely Code 34 910 912 0 0 0 0 0 0 0 0 0 0 0 0 0	Holiday List		002		2359 17:00 02:00 23:59			2 Wee Y Y N N 0 0 0 0 0 0 0 0 0 0 0 0 0	d Thu Y Y N N	Y Y N	Y N Y	Y N N Y	N N V V		
	Save							C	lose						

- d. In the Facility Code table select (double click) the Facility Code entry you wish to edit.
- e. Enter the Facility Code and then press "Enter"

Note: Adding a Facility code is done by replacing one of the "0" entries with the Facility Code you wish to add. Zero is not a valid facility code

- f. When all the entries have been competed select the Save button.
- g. To close the Form select the Close button
- h. Save and Upload the changed information. (see page Error! Bookmark not defined.)

#### 7. Setup the Access Control Information

#### A. Default Settings

To assist you in configuring the CV-TAC400 the factory default file is set up with some useful default settings. Time Group 1 is set to allow access 24 hours per day 7 days per week holidays included.

Access Group 1 is doors number 1 though 8.

Access Level 1 is the combination of Time Group 1 and Access Group 1.

What this means is that to allow a user to always pass through door 1, 2, 3, 4, 5, 6, 7, or 8 that user should be set to Access Level 1.

The facility codes 34, 910 and 912 are already entered as factory default settings.

Note: Access level 1 allows 24 hour access through doors 1 through 8 (unless modified by the installer).

#### B. Configuring Access Groups

Configuring an Access Group means adding a particular door to the group. The doors are identified by a Door ID number. For doors the Door ID number is the same as the WIM DIP address. See the Hardware Configuration section for instructions on the electrical connection of the door.

Each Access Group has multiple entries in the Access Group table. This is because an Access Group may have more than 1 door. Each row in the Access Group table has a space for a door and an Access Group. Door ID 1 is the door connected to the CV-TAC400 itself.

Which Door ID is connected to which WIM (DIP Address of WIM) is shown in the Door Information table under the Access Level tab.

There are 8 Access Groups numbered 1 through 8. Each Access group can have up to 8 doors assigned to it. By default Access Group 1 has doors 1 through 8 assigned to it. There are a maximum of 16 doors. To assign a door to an Access Group follow the steps below:

- a. Select the "View/Edit Data Records" Menu. A list of submenus will be displayed
- b. Select the "Configuration Settings" submenu. The Configuration setting window will be displayed. Do not change the CV-TAC400 Address field at the top of the window.

🏭 SFT5	202				X
Session		Setup System File Setu	p/Maintenance About E	at	
nde	Configuration Settings Suite/Directory Data Pin Code	Camden	Camden	Camden	Ca
nde	View/Export Log Data Generate Report Report Statistics	Camden	Camden	Camden	Ca
nck	Backup Database Restore Database Clear Existing Log(DB)	Camden	Camden	Camden	Ca
nde	en camden	Camden	Camden	Camden	Ca
nde	en Camden	Camden	Camden	Camden	Ca
nde	en Camden	Camden	Camden	Camden	Ca
nde	en Camden	Camden	Camden	Camden	Ca
nde	en Camden	Camden	Camden	Camden	Ca
nde	en Camden	· Camden	Camden	Camden	Ca

- c. Select the Access Level tab. The Access tables will be displayed.
- d. In the Access Group table select (double click) the Door ID entry you wish to edit.

User AccessLevel	Elev	atorLevel	1	Slave Devid	e ľ	ELP	Conf	Ĭ	Misc	
Access Level	Door Inform	nation								
LMID AcsGrpID TmGrpID	DoorID	AcsDevDIP	LockIO	UnlockTM	ContactIC	HoldTM	RteAddr	Forced	Relock	-
001 001 001	1	001	128	30	1	45			N	
001 002 001	2	002	128	30	1	90	002	Y	Y	
001 003 001	3	003	128	30	1	90	002	Y	Y	
001 004 001	4	004	128	30	1	90	002	Y	Y	
001 005 001	5	005	128	30	1	90	002	Y	Y	
	6	006	128	30	1	90	002	Y	Y	
	7	007	128	30	1	90	002	Y	Y	
Access Group	8	008	128	30	1	90	002	Y	Y	
AcsGroID BootD	9	009	128	30	1	90	002	Y	Y	
001 1	10	010	128	30	1	90	000	Y	Y	
001 2	11	011	128	30	1	90	000	Y	Y	
001 3	12	012	128	30	1	90	000	Y	Y	
001 4	13	013	128	30	1	90	000	Y	Y	
001 5	14	014	128	30	1	90	002	Y	Y	
001 6	15	015	128	30	1	45	000	Y	N	
	16	016	128	30	1	45	000	Y	N	-

e. Enter the Door Id information and then press "Enter"

f. When the editing for the selected Access Group is complete select the "Save" button (on the bottom left-hand side of the form).

#### C. Configuring Time Groups

Configuring a Time Group means setting a start time, an end time and list of days of the week the time group is active. This is done in the Time Group List table.

To Configure a Time Group follow the steps below:

- a. Select the "View/Edit Data Records" Menu. A list of submenus will be displayed
- b. Select the "Configuration Settings" submenu. The Configuration setting window will be displayed. Do not change the CV-TAC400 Address field at the top of the window.

🛃 SFT5202				
	ecords Backup Setup System	File Setup/Maintenance	About Exit	_
Configuration Suite/Director Pin Code	y Data 1 Cam	den Camo	den Camden	Ca
View/Export L Generate Rep Report Statist	oort	den Came	den Camden	Ca
Backup Datab Restore Datab Clear Existing	ase n Cam	den Camo	den Camden	Ca
nden Ca	maen Cam	den Camo	den Camden	Ca
nden Ca	mden Cam	den Camo	den Camden	Ca
mden <mark>Ca</mark>	mden Cam	den Camo	den Camden	Ca
nden Ca	mden Cam	den Camo	den Camden	Ca
nden Ca	mden Cam	den Camo	den Camden	Ca
nden Ca	mden Cam	den Came	den Camden	Ca

- c. Select the Misc tab. The miscellaneous tables will be displayed.
- d. In the Time Group table select (double click) the Start Time entry you wish to edit.

User	AccessLevel	ElevatorL			e Device		E	ELP C	onf		J		Misc
Facitily Code	Holiday List	] [ <sup>1</sup>	Time Group		nel End Tim			Wo	1		Sat	Sun	
34	05-01-01		001		23:59	Y	Y	Y	Y	Y	Y	Y	
910	05-01-02		002		17:00	Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	N	N	N
912	05-01-03		003	00:00	02:00	Y	N	Ν	N	N	N	N	N
0	05-01-04		004	00:00	23:59	N	Ν	N	N	N	Y.	Y	Y
0	05-01-05												
0	05-01-06												_
0	05-01-07												_
0	05-01-08												
ŏ	05-01-05												
<u> </u>													

- e. Enter the Start Time and then press "Enter"
- f. In the Time Group table select (double click) the End Time entry you wish to edit.

Note: The End Time is inclusive, that is, the End Time itself is included in the time group

- g. Enter the End Time and then press "Enter"
- h. Select "Y" in column for a day to include it "N" to exclude it. All Holidays may be included or excluded by setting the HOL column.
- i. When the editing for the selected Time Group is complete select the "Save" button.

#### D. Configuring Access Levels

Configuring an Access Level means adding an Access Group – Time Group pair to the Access Level. An Access Level may contain up to eight Access Group – Time Group pairs.

To assign an Access Group – Time Group pair to an Access Level follow the steps below:

- a. Select the "View/Edit Data Records" Menu. A list of submenus will be displayed
- b. Select the "Configuration Settings" submenu. The Configuration setting window will be displayed. Do not change the CV-TAC400 Address field at the top of the window.

🗸 SFT5202	×
Session View/Edit Data Records Backup Setup System File Se	etup/Maintenance About Exit
Configuration Settings Sute/Directory Data Pin Code	Camden Camden Ca
Generate Report Report Statistics	Camden Camden Ca
Restore Database Clear Existing Log(DB)	Camden Camden Ca
nden Camden Camden	
nden Camden Camder	
nden Camden Camder	
nden Camden Camden nden Camden Camden	
riderij ourriderij ourrider	Carrieri Starrach Ou

c. Select the Access Level tab. The Access tables will be displayed.

figuration Setting of ELP									
ELP520 Address: 1									
User AccessLevel	ElevatorLevel	γ;	Slave Devi	e (	ELP	Conf	γ	Misc	
(Held Starter)							-		-
Access Level	Door Information								
LVID AcsGrpID TmGrpID	DoorID AcsDevDIP	LockIO	UnlockTM	ContactIO	HoldTM	RteAddr	Forced	Relock	•
001 001 001		128	30	1	45	000	Y	N	
001 002 001	2 002	128	30	1	90	002	Y	Y	
001 003 001	3 003	128	30	1	90	002	Y	Y	
001 004 001	4 004	128	30	1	90	002	Y	Y	
001 005 001	5 005	128	30	1	90	002	Y	Y	
	6 006	128	30	1	90	002	Y	Y	
	7 007	128	30	1	90	002	Y	Y	
Access Group	8 008	128	30	1	90	002	Y	Y	
AcsGrpID -DoorID-	9 009	128	30	1	90	002	Y	Y	
001 1	10 010	128	30	1	90		Y	Y	
001 2	11 011	128	30	1	90	000	Y	Y	
001 3	12 012	128	30	1	90	000	Y	Y	
001 4	13 013	128	30	1	90	000	Y	Y	
001 5	14 014	128	30	1	90	002	Y	Y	
001.6	15 015	128	30	1	45	000	Y	N	
	16 016	128	30	1	45	000	Y	N	-
Save						Close		1	_

- d. In the Access Level table select (double click) the Access Group ID entry you wish to edit.
- e. Enter the Access Group ID information and then press "Enter"

User AccessLevel	ElevatorLevel	Ŷ	Slave Devi	ce (	ELP	Conf	γ	Misc	
Access Level	Door Information								
LvID AcsGrpID TmGrpID	DoorID AcsDevC	PLock	UnlockTM	Contacti		RteAddr	Forced	Relock	
001 001 001	1 001	128	30	1	45	000		N	
001 002 001	2 002	128	30	1	90	002	Y	Y	
001 003 001	3 003	128	30	1	90	002	Y	Y	
001 004 001	4 004	128	30	1	90	002	Y	Y	
001 005 001	5 005	128	30	1	90	002	Y	Y	
Loss one	6 006	128	30	1	90	002	Y	Y	
	7 007	128	30	1	90	002	Y	Y	
Access Group	8 008	128	30	1	90	002	Y	Y	
AcsGroID DoonD	9 009	128	30	1	90	002	Y	Y	
001 1	10 010	128	30	1	90	000	Y	Y	
001 2	11 011	128	30	1	90	000	Y	Y	
001 3	12 012	128	30	1	90	000	Y	Y	
001 4	13 013	128	30	1	90	000	Y	Y	
001 5	14 014	128	30	1	90	002	Y	Y	
001 6	15 015	128	30	1	45	000	Y	N	
	16 016	128	30	1	45	000	Y	N	-
Save	·					Close			

- f. In the Access Level table select (double click) the Time Group ID entry you wish to edit.
- g. Enter the Time Group Id information and then press "Enter"

User	AccessLevel	Elev	vatorLevel	Ύ;	Slave Devi	ce	ELP	Conf	Ì	Misc
Access Level		Door Infor	mation							
		DoorID	AcsDevDIP	LockIO	UnlockTM	ContactIO	HoldTM	RteAddr	Forced	Relock
001 001	001	1	001	128	30	1	45	000	Y	N
001 002	001	2	002	128	30	1	90	002	Y	Y
001 003	001	3	003	128	30	1	90	002	Y	Y
001 004	001	4	004	128	30	1	90	002	Y	Y
001 005	001	5	005	128	30	1	90	002	Y	Y
Coscloss		6	006	128	30	1	90	002	Y	Y
		7	007	128	30	1	90	002	Y	Y
Access Group		8	008	128	30	1	90	002	Y	Y
AcsGrpID	Chood	9	009	128	30	1	90	002	Y	Y
001 1		10	010	128	30	1	90	000	Y	Y
001 2			011	128	30	1	90	000	Y	Y
001 3		12	012	128	30	1	90	000	Y	Y
001 4		13	013	128	30	1	90	000	Y	Y
001 5		14	014	128	30	1	90	002	Y	Y
001 6			015	128	30	1	45	000	Y	N
		16	016	128	30	1	45	000	Y	N

h. When the editing for the selected Access Level is complete select the "Save" button (on the bottom left-hand side of the form).

#### 8. Entering Suite Information

Changing/Adding Suite Information

#### Floor, Express Code, Display Name, Telephone Number

- **Note:** All the Suite records are already in the factory default file. The information has been set to blank. To add a suite merely select a blank record and enter the information.
- a. Select the "View/Edit Data Records" Menu. A list of submenus will be displayed
- b. Select the "Suite/Directory Data" submenu. The Suite/Directory Data window will be displayed. **Note:** The "Remote ELP DIP" field is not used and should not be changed.

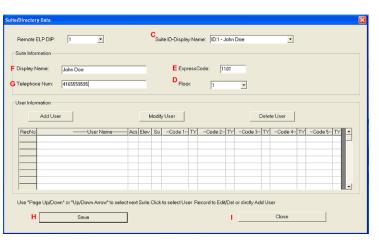
SFT5	202				
Session	View/Edit Data Records Backup	Setup System File Setu	up/Maintenance About E	dt	
nde	Configuration Settings Suite/Directory Data Pin Code	Camden	Camden	Camden	Ca
nde	View/Export Log Data Generate Report Report Statistics		Camden		-
nde	Backup Database Restore Database Clear Existing Log(DB)		Camden	-	-
	n Camden	-	>	>	>
	n Camden	>	>	>	>
	n Camden		-	-	-
	n Camden		-	-	-
	n Camden Camden			>	-

Select the suite to be changed from the drop down list in the Suite ID-Display Name field
 Note: You may use the up or down arrows to scroll through the list of suites. You may also use the pg up

(page up) and pg dn (page down) keys to scroll the list quickly.

- d. If required, Select the Floor from the list of Floors in the pulldown menu
- e. If required, Edit the Express Code in the "Express Code" field
- f. If required, Edit the Display Name in the "Display Name" field
- g. If required, Edit the Telephone Number in the "Telephone Num" field.
- h. When the editing for the selected suite is complete select the "Save" button (on the bottom left-hand side of the form).

i. When the editing for all the suites is complete select the Close button(on the bottom right-hand side of the form)



#### **15, Configuring Users for Access Control**

Configuring a user means entering the numeric codes of the user's keyfob/card and/or transmitter and assigning the user an Access Level. Each user may also be set as a "super" user.

#### A. Adding a New User

To add a new user follow the steps below:

- a. Select the "View/Edit Data Records" Menu. A list of submenus will be displayed
- b. Select the "Suite/Directory" submenu. The Suite/Directory Data window will be displayed.

🚜 SFT5202					
and the second se		Setup System File Set	up/Maintenance About E	ot	
THCE Suit	figuration Settings e/Directory Data	Camden	Camden	Camden	Ca
Gen	r/Export Log Data erate Report ort Statistics	Camden	Camden	Camden	Ca
Res	sup Database tore Database er Existing Log(DB)	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
	-	-	Camden	>	>
			Camden	-	>
			Camden	-	>
-			Camden	-	-
mden	Camden	Camden	· Camden	Camden	· Ca

c. Select the suite the user resides in from the "Suite ID – Display Name" field. All the users from that suite will be displayed in the "User Information" table.

Display N	Vame:	John Doe	2		_		Express	Dode: 11	01				
Telephor	ne Num:	41655595	95				Floor	1		]			
User Infor	mation												
	Add Use				M	dify User	1			Del	ete User		
RecNo				-Acs	Elev	Su –Co	de 1- TY	-Code 2-	TY -C	ode 3- T	r -Code 4-	TY -Code 5	- 11

Note: If the user does not reside in a suite, for example a cleaner, select a Suite ID that is not used for an actual suite. If this unused suite has a blank "Display Name" it will not show up in the directory.

d. Select the "Add User" button. The "Add New User" form will be displayed.

Add one new use	r						X
UserID: 2	!	Suite ID: 2	I SUPER				
UserName	:						
Access Lev	rel: N/A	×	Elevator l	_evel:	N/A	•	
Card 1	Code:		Type:			•	
Card 2	Code:		Туре:			T	
Card 3	Code:		Type:			•	
Card 4	Code:		Type:			•	
Card 5							
	Code:		Type:			•	
	Sa	ive				Close	

e. Enter the user information as required.

Note: A User Name must always be entered so that the user may be listed in the reporting system.

f. Click the "Save" button when completed. The "Suite/Directory Data" form is displayed.

Note: The close button closes the form and discards any changes.

- g. Click the "Save" button.
- h. When you have completed all the User Access changes click the "Close" button.

#### 9. PIN Entry Information

The CV-TAC400 has a PIN entry function. When a user enters their assigned PIN (personal identification number) the CV-TAC400 grants access in the same way as if the number 6 was entered on a call to the suite. The CV-TAC400 maintains a list of PIN numbers and the associated Labels for the PIN. Each PIN number must be between 5 and 9 digits long.

Error! Bookmark not defined. The PIN Code Label is a readable description of the PIN Code

#### You may enter up 20 PIN codes.

The maximum length of the PIN Code may be set to be between 5 and 9 digits. If the maximum length is reduced after some PIN Codes have been entered the PIN codes already in the system will be truncated. If this would result in duplicate codes an error message is generated and the operation is not allowed.

#### A. Configuring PIN Codes

To configure the PIN codes follow the steps below:

#### i. Adding a New PIN Code

- a. Select the "View/Edit Data Records" Menu. A drop down menu box will be displayed.
- b. In the drop down menu select the "PIN Code" Submenu. The PIN Code form will be displayed.

SFT	5202				
Session	View/Edit Data Records Backup	Setup System File Setu	p/Maintenance About Ex	đ	
nde	Configuration Settings Suite/Directory Data Pin Code	Camden	Camden	Camden	Ca^
nde	View/Export Log Data Generate Report Report Statistics	Camden	Camden	Camden	Ca
nde	Backup Database Restore Database Clear Existing Log(DB)	Camden	Camden	Camden	Ca
nde	en Camaen	Camden	Camden	Camden	Ca
nde	en Camden	Camden	Camden	Camden	Ca
nde	en Camden	Camden	Camden	Camden	Ca
nde	en Camden	Camden	Camden	Camden	Ca
	en Camden			>	-
nde	en Camden	· Camden	· Camden	· Camden	· Ca

- c. In the PIN Code edit box enter the new PIN code.
- d. In the Label edit box enter the associated Label
- e. Select the "Add" button. The PIN Code list grid will be updated.
- f. When all the changes have been completed Select the "SAVE" button. The dat will be saved.
- g. Close the form by selecting the CLOSE button.

		Pin (	Code for Opening D	oor	
	-Pin Code-	- Label -	E Add	Pin Code:	
R	123456	Janitor		C 123456	
			Modify	Label:	
			Delete	DJanitor	
				]	
			Reset	[	

#### 10. Backup the Data

a. Select the Backup Menu

😹 SFT5202					X
	Edit Data Records Backup				
nden	Cama	Camlen	Camden	Camden	· Ca.≏
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca

b. Select Create Backup

🛃 SFT5202		×
	dt Data Records Backup Setup System File Setup/Maintenance About Exit	
nden	Camden Camden Camden Can	nden Ca
nden	Cal Save As	den Ca
nden	Modem_Agere_2.1.74.0_VistaX86 🖾 camden.lbp	den Ca
nden	My Pictures	den Ca
nden	Ca Wy Shapes	den Ca
nden	The fame. Save	den Ca
nden	Cal Save as type: Last Backup File("LBP) Cancel	den Ca
	Camden Camden Camden Can	-
nden	Camden Camden Camden Can	nden Ca

c. Selection a location and create filename

SFF15202					
and the second second			Camden		Ca
nden	Camden	- Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	i) success to exp	port file to local computer	Camden	Ca
nden	Camden			Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca
nden	Camden	Camden	Camden	Camden	Ca

## 11. Uploading Saved Information into the CV-TAC400

#### A. Working Online Using the Rs485 Converter

- If you have been working online throughout this guide, all you need to do is close the session.
- a. Select the Session Menu

b. Select Close Session. The new configuration data is automatically uploaded to the CV-TAC400.

🛃 SFT5202	🔀 SFT5202		
Session View/Edit Data Records Backup Setup System File Setup/Maintenance About Exit	Session View/Edit Data Records Backup Setup System File Setup/Maintenance About Exit		
	nden Camden Camden Camden Camden		
nden Camden Camden Camden Ca	nden Camden Camden Camden Camden Ca		
mden Camden Camden Camden Ca	mclen Ca Exporting data to the remote ELP520		
mden Camden Camden Camden Ca	Please wait process may require up to 2 minutes Click ABORT to cancel		
mden Camden Camden Camden Ca			
nden Camden Camden Camden Camden Ca nden Camden Camden Camden Ca	nden Ca nden Camden Camden Camden Ca		
nden Camden Camden Camden Camden Ca	nden Camden Camden Camden Camden Ca		
nden Camden Camden Camden Camden Ca	nden Camden Camden Camden Camden Ca		
Canada Canada Canada Canada	interil curracii curracii curracii cu		

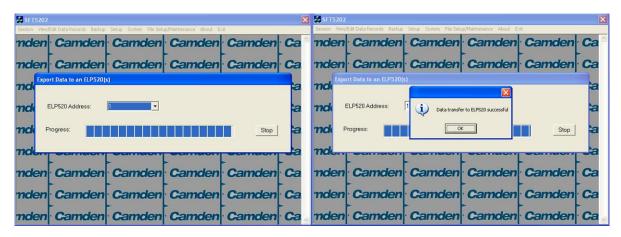
#### B. Working Online Using the Modem Module

If you have been working online using the Modern Module, you cannot simply close the session. The new data must be exported to the CV-TAC400.

a. Select the "Export Data to an ELP520(s)" from the "File Setup/Maintenance" menu. Select the ELP520 Address from the pull down menu and hit Export Now.

🚜 SFT5202	🔀 SFT5202
Session View/Edit Data Records Backup Setup System File Setup/Maintenance About Exit	Session View/Edit Data Records Backup Setup System File Setup/Maintenance About Exit
nclen Camolen Canco Las Fastory defails file from Load Computer File Load the Badup you created into SPT5202 Create Badup File(Lises the Safut Section Configuration File)	mden Camden Camden Camden Camden Ca
mden Camden Came Import Data from an ELPS20(s) Export Data to an ELPS20(s)	mden Camden Camden Camden Camden Ca
nden Camden Camden Camden Camden Ca	mok Export Data to an ELP520(s)
nden Camden Camden Camden Camden Ca	mck ELP520 Address: 1 .
nden Camden Camden Camden Camden Ca	mck Export Now Close
nden Camden Camden Camden Camden Ca	nden cannon cannon cannon cannon ca
nden Camden Camden Camden Camden Ca	mden Camden Camden Camden Camden Ca
nden Camden Camden Camden Camden Ca	mden Camden Camden Camden Ca
nden Camden Camden Camden Camden Ca	nden Camden Camden Camden Camden Ca

b. The new configuration data is exported to the remote panel.







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