

CASIO VoIP Software
Phone Address Book Converter
Manual

(Version 1.01)

CASIO Computer Co., Ltd.

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Preface

This manual provides an explanation of how to operate the **Phone Address Book Converter** for use with the CASIO VoIP Software (CVS).

The **Phone Address Book Converter** allows users to efficiently register, edit and send the phone address book (displayed in the "Contacts" tab in the GUI) used with the CVS Server PC and the CVS Client.

The **CASIO VoIP Software** (CVS) consists of the following software.

<i>Software</i>	<i>Device/Terminal</i>
HT Client	HT Client
CVS Server	CVS Server PC
PC Client	PC Client (PC)

The word of "CVS Client" used in this manual refers to both HT Client terminal and PC Client (PC).

1. Configuration

1.1 System Configuration

In the CVS system's basic configuration, users can refer to the phone address book registered in the CVS Client and, in the CVS system with CVS Server PC additionally configured; the users can refer to the phone address book registered in the CVS Server PC. However, the tools to configure and edit these phone address books are limited.

By using the **Phone Address Book Converter**, users can efficiently edit, generate and send data registered in the phone address book. This improves the environment configuration and maintenance in the CVS System.

CVS System Configuration

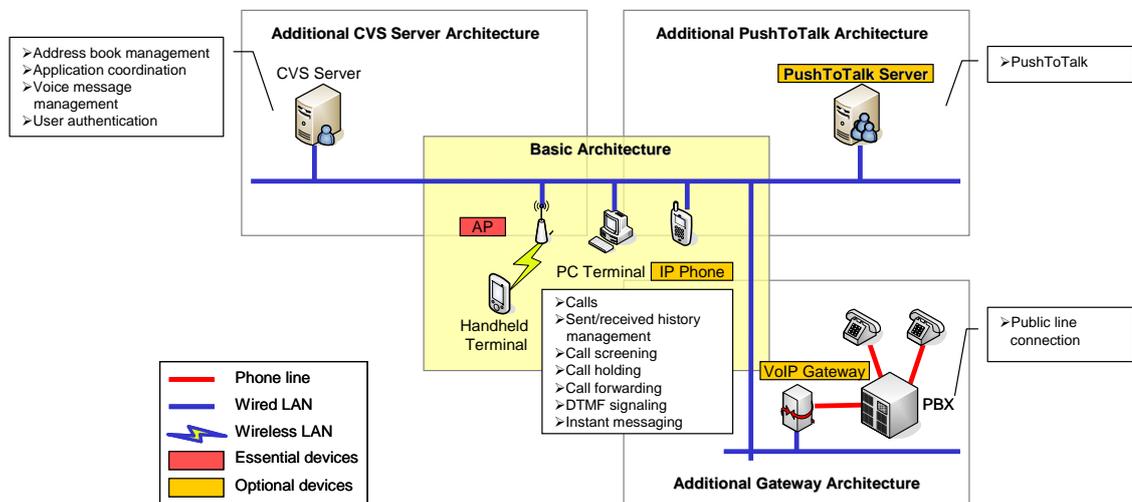


Figure 1.1

1.2 Required Devices and Software

The following devices with the specifications described and the software are required to run the **Phone Address Book Converter**.

Devices

- Server phone address book
CVS Server PC
- Local phone address book
PC, HT Client terminal (DT-X7, DT-X8, DT-5300(CE), IT-300)

Software

Microsoft Excel 2000 or 2003 running in Windows OS

Perform the "Security Settings" described below prior to running Excel.

- Excel 2000
Navigate to **Menu** → **Tools** → **Macros** and then **Security**. Make sure the Security Level is set to either Medium* or Low.
- Excel 2003
Navigate to **Menu** → **Tools** → **Options** → **Security** and then **Macro Security**.
Make sure the Security Level is set to either Medium* or Low.

* If the Medium security level is selected, the following screen appears (see Figure 1.2) while running Excel. Be sure to click **Enable Macros** button when it appears.

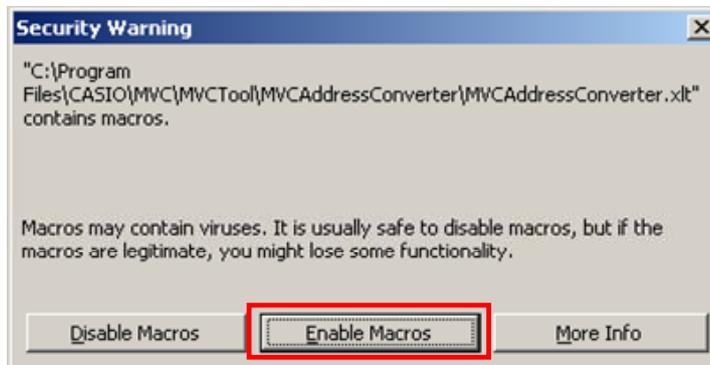


Figure 1.2

2. Launching the Phone Address Book Converter

To launch the **Phone Address Book Converter**, navigate to **Start** menu → **Programs** → **CASIO VoIP Software** → **Tool** and then **CVS Address Converter**.

The **Phone Address Book Converter** uses Excel. Both “user sheet” and “group sheet” are already provided and can be used to create phone address book data.

If Excel 2000 is installed in your PC, upon launching the **Phone Address Book Converter**, the CVS address book menu (see Figure 2.1) appears on the Excel menu bar. Choose your desired menu to perform the corresponding task.

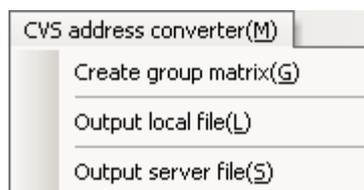


Figure 2.1

Or, if Excel 2003 or Excel 2007 is installed in your PC, the menu names differently appear as shown in the table below.

Table 2.1

Excel 2000	Excel 2003 or Excel 2007
Create group matrix(G)	GroupMatrixStart
Output local file(L)	LocalFileStart
Output server file(S)	ServerFileStart

The flow diagram below provides an outline of the process with the **Phone Address Book Converter** from inputting the data to generating the phone address book. See Table 2.2 for the descriptions of each process in the diagram.

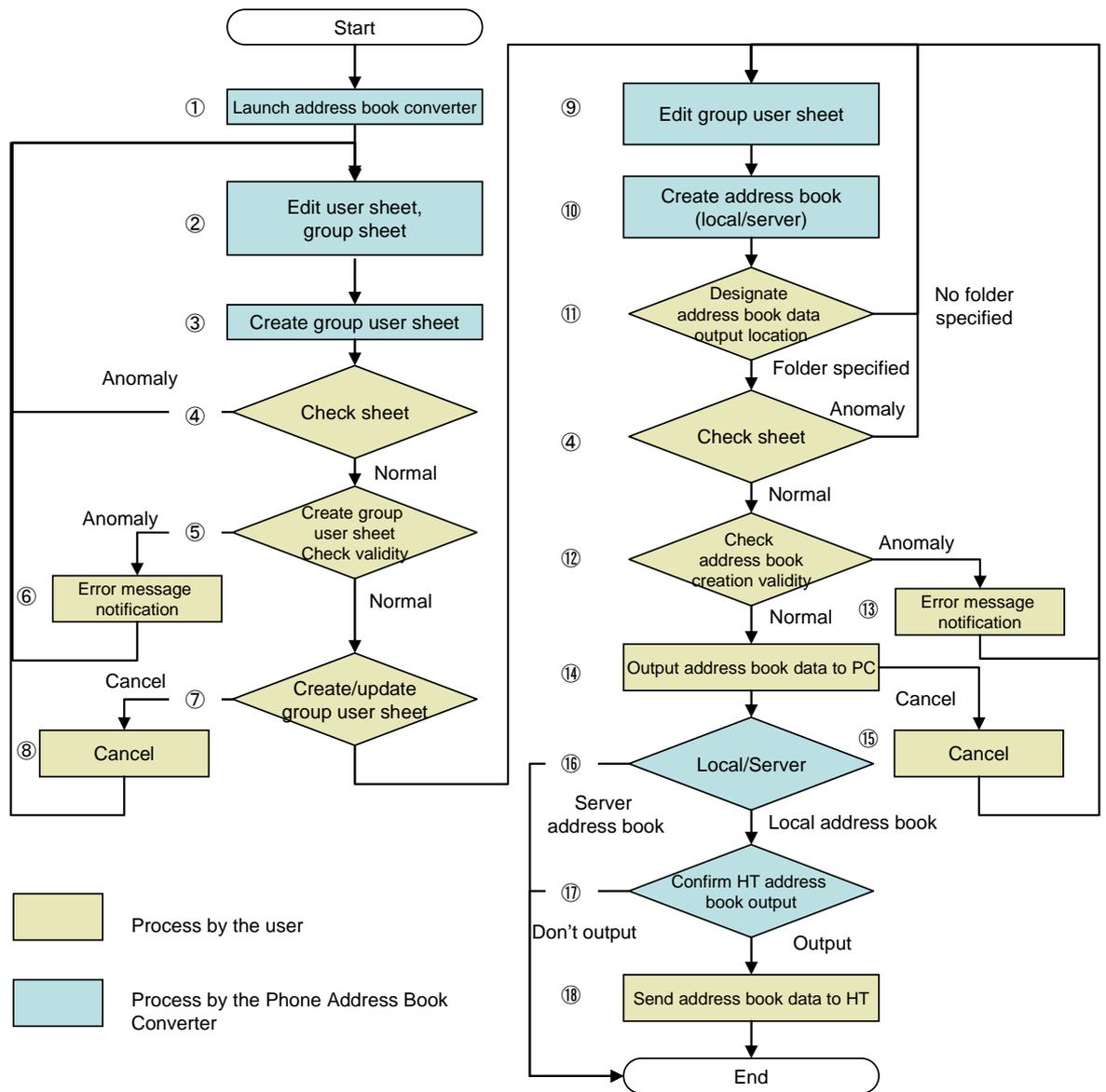


Figure 2.2

Table 2.2

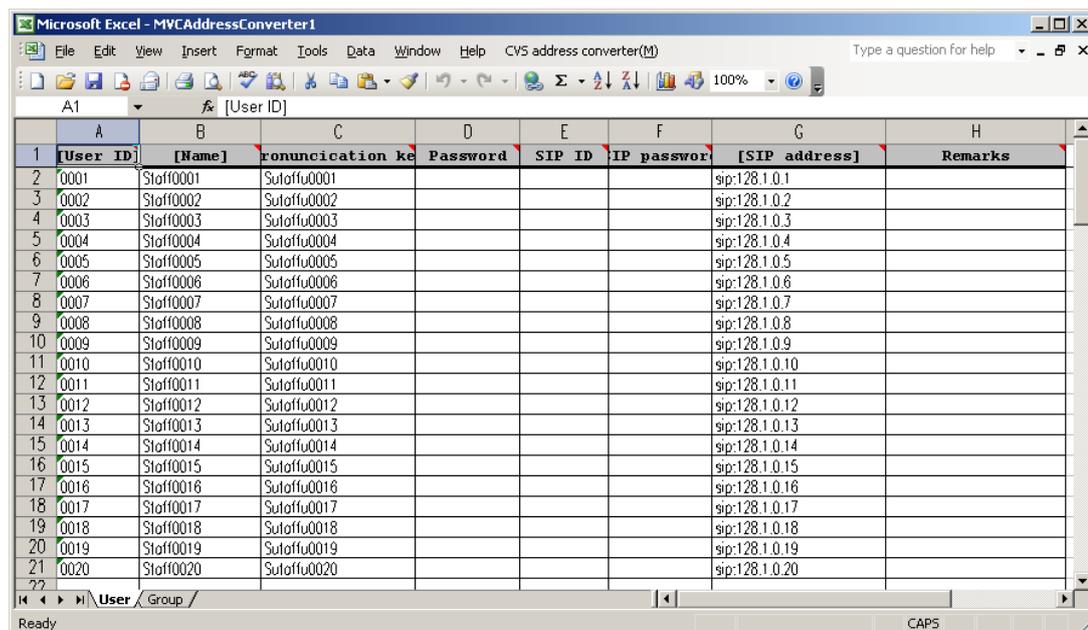
Process no.	Process	Description
1	Launch phone address book converter	Launch MVCAddressConverter.xlt .
2	Edit user sheet, group sheet	Enter individual user information in the user sheet or group information in the group sheet.
3	Create group user sheet	Choose 'Create group user table' in the CVS phone address book menu.
4	Check sheet	Check whether there is any user sheet or group sheet.
5	Create group user sheet. Check validity	Check the validity of the group user sheets when created.
6	Error message notification	When errors occur in the process no. 5, a new error sheet is created and a list of the errors which occurred in the process no. 5 is issued.
7	Create/update group user sheet	Create or update the group users sheet based on the user sheet and the group sheet.
8	Cancel	Cancel the process no. 7 on creating (or editing) the group users sheet using the Cancel button.
9	Edit group user sheet	Enter the relationship between each one of the users and the group in the group users sheet created in the process no. 7.
10	Create phone address book	Choose either "Output local phone address book" or "Output server phone address book" in the CVS phone address book menu.
11	Designate phone address book data output location	Designate a folder to which the phone address book data is output.
12	Check phone address book creation validity	Determine the validity on phone address book when created.
13	Error message notification	When errors occur in the process no. 12, a new error sheet is created and a list of the errors which occurred in the process no. 12 is issued.
14	Phone address book data output	Creates the phone address book data in the folder designated in the process no. 11.
15	Cancel	Cancel the process no. 14 on creating the phone address book data using the Cancel button.
16	Phone address book type (Local/Server)	Determined whether the phone address book is local phone address book or server phone address book. If it is local phone address book, the process proceeds to the process no. 17.
17	Confirm HT phone address book output	When creating a local phone address book, check if the phone address book created in the process no. 14 is output to the HT Client terminal (DT-X7M10R).
18	Send phone address book data to HT	Outputs the phone address book created in the process no. 14 to the HT Client terminal (DT-X7M10R).

3. Editing User Sheet

First, choose the template user sheet and then enter data of each user from the top cell to downward (see Figure 3.1) following the instruction in Table 3.1.

Refer to the process no. 2 in Figure 2.2 in Chapter 2 "Launching the Phone Address Book Converter".

Example of the user sheet



The screenshot shows a Microsoft Excel spreadsheet titled "Microsoft Excel - MVCAddressConverter1". The spreadsheet contains a table with 8 columns: User ID, Name, Communication key, Password, SIP ID, IP password, SIP address, and Remarks. The data is organized into rows, with the first row (row 2) serving as a header and rows 3 through 21 containing user data. The SIP address column shows a sequence of IP addresses from sip:128.1.0.1 to sip:128.1.0.20. The status bar at the bottom indicates "Ready" and "CAPS".

	A	B	C	D	E	F	G	H
1	[User ID]	[Name]	Communication key	Password	SIP ID	IP password	[SIP address]	Remarks
2	0001	Staff0001	Sutoffu0001				sip:128.1.0.1	
3	0002	Staff0002	Sutoffu0002				sip:128.1.0.2	
4	0003	Staff0003	Sutoffu0003				sip:128.1.0.3	
5	0004	Staff0004	Sutoffu0004				sip:128.1.0.4	
6	0005	Staff0005	Sutoffu0005				sip:128.1.0.5	
7	0006	Staff0006	Sutoffu0006				sip:128.1.0.6	
8	0007	Staff0007	Sutoffu0007				sip:128.1.0.7	
9	0008	Staff0008	Sutoffu0008				sip:128.1.0.8	
10	0009	Staff0009	Sutoffu0009				sip:128.1.0.9	
11	0010	Staff0010	Sutoffu0010				sip:128.1.0.10	
12	0011	Staff0011	Sutoffu0011				sip:128.1.0.11	
13	0012	Staff0012	Sutoffu0012				sip:128.1.0.12	
14	0013	Staff0013	Sutoffu0013				sip:128.1.0.13	
15	0014	Staff0014	Sutoffu0014				sip:128.1.0.14	
16	0015	Staff0015	Sutoffu0015				sip:128.1.0.15	
17	0016	Staff0016	Sutoffu0016				sip:128.1.0.16	
18	0017	Staff0017	Sutoffu0017				sip:128.1.0.17	
19	0018	Staff0018	Sutoffu0018				sip:128.1.0.18	
20	0019	Staff0019	Sutoffu0019				sip:128.1.0.19	
21	0020	Staff0020	Sutoffu0020				sip:128.1.0.20	

Figure 3.1

The following text box is displayed when placing the cursor over the title cell on 1st line.

Table 3.1

Title	Description
[User ID]	Register a unique ID for each user to register. <ul style="list-style-type: none"> - In local phone address book : mandatory - In server phone address book : mandatory
[Name]	Set a user name shown on calling. <ul style="list-style-type: none"> - In local phone address book : mandatory - In server phone address book : mandatory
Pronunciation key	Set pronunciation of one's name in [Name] cell. <ul style="list-style-type: none"> - Used to sort address by one's name in [Name] cell in the CVS Server PC. - If no setting in this cell, phone address is sorted by the order of registered names in [Name] cell. - In local phone address book : not required - In server phone address book : option (depending on configuration)
Password	Set a password for each one of the users registered in [User ID] cell. <ul style="list-style-type: none"> - Used to authenticate users in the CVS Server PC. - In local phone address book : not required - In server phone address book : option (depending on configuration)
SIP ID	Set an ID for each one of the users to authenticate in the SIP Server PC. <ul style="list-style-type: none"> - In local phone address book : not required - In server phone address book : option (depending on configuration)
SIP password	Set a password for each SIP ID in SIP ID cell. <ul style="list-style-type: none"> - In local phone address book : not required - In server phone address book : option (depending on configuration)
[SIP address]	Set an SIP address. <ul style="list-style-type: none"> - SIP scheme (ex. sip:) is added at the head of IP address or SIP address. - In local phone address book : mandatory - In server phone address book : mandatory
Remarks	Set a remark if any to be made for each one of the users. <ul style="list-style-type: none"> - In local phone address book : not required - In server phone address book : option (depending on configuration)

Notes:

1. Input to the title in [] means mandatory.
2. Any repeated user ID in the [User ID] cell results in error.
3. Any repeated SIP address in the [SIP address] cell results in error.
4. Character strings to be input in the [User ID] and [SIP address] cells are not case sensitive.
However, they are output in lower-case characters to phone address book.

4. Editing Group Sheet

First, choose the template group sheet and then enter data of the group from the top cell to downward (see Figure 4.1) following the instruction in Table 4.1.

Refer to the process no. 2 in Figure 2.2 in Chapter 2 "Launching the Phone Address Book Converter".

Example of the Group Sheet

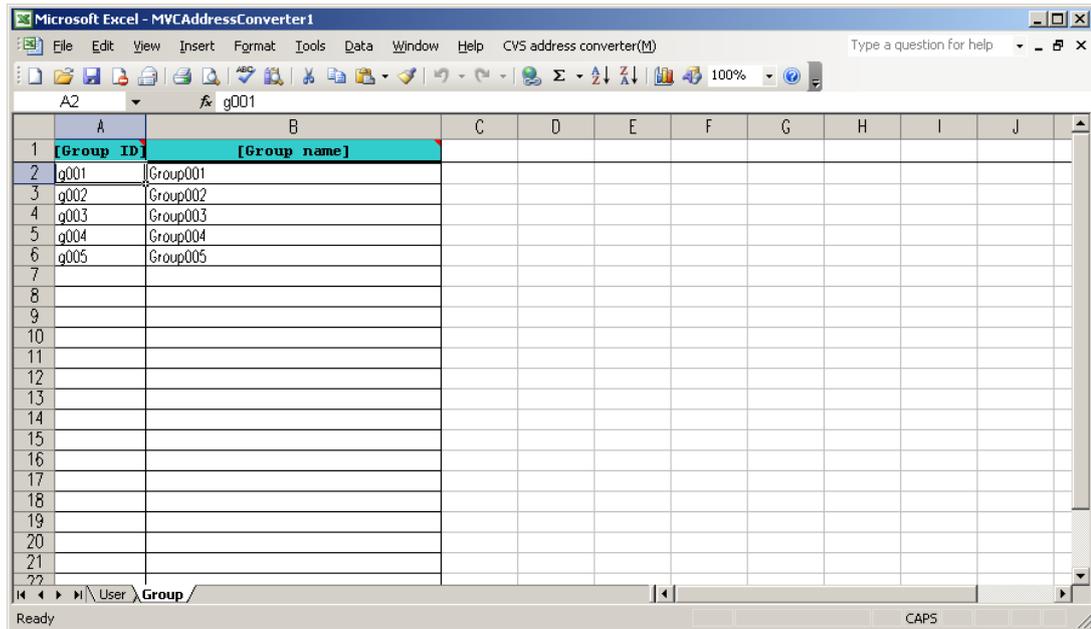


Figure 4.1

The following text box appears when placing the cursor over the title cell on 1st line.

Table 4.1

Title	Text Box Message
[Group ID]	Set a unique ID to each one of the groups. <ul style="list-style-type: none"> - In local phone address book : mandatory - In server phone address book : mandatory
[Group name]	Set a name of the group which is used to choose that group. <ul style="list-style-type: none"> - In local phone address book : mandatory - In server phone address book : mandatory

Notes:

1. Any repeated group ID in the [Group ID] cell results in error.
2. Any repeated group name in the [Group name] cell results in error.
3. Character strings to be input in the [Group ID] and [Group name] cells are not case sensitive.
 However, they are output in lower-case characters to phone address book.

5. Creating and Editing Group User Sheet

This chapter describes how to create and edit a group user sheet using the User Sheet and the Group Sheet.

5.1 Creating New Group User Sheet

If no group user sheet exists, a new group user sheet is created. Figure 5.1 shows example of a new group sheet.

Refer also to the process no. 3 in Figure 2.2 in Chapter 2 "Launching the Phone Address Book Converter".

	A	B	C	D	E	F	G	H	I	J	K	L
2			G	G	G	G	G					
3			r	r	r	r	r					
4			o	o	o	o	o					
5			u	u	u	u	u					
6			p	p	p	p	p					
7			o	o	o	o	o					
8			1	2	3	4	5					
3	0001	Staff0001										
4	0002	Staff0002										
5	0003	Staff0003										
6	0004	Staff0004										
7	0005	Staff0005										
8	0006	Staff0006										
9	0007	Staff0007										
10	0008	Staff0008										
11	0009	Staff0009										
12	0010	Staff0010										
13	0011	Staff0011										
14	0012	Staff0012										
15	0013	Staff0013										
16	0014	Staff0014										
17	0015	Staff0015										
18	0016	Staff0016										
19	0017	Staff0017										
20	0018	Staff0018										
21	0019	Staff0019										
22	0020	Staff0020										
23												
24												

Figure 5.1

5.2 Editing

1. In the Excel, when the group user sheet is opened (see Figure 5.2), the group names in 2nd cell with "Y" symbols are displayed indicating that previously set up data ([User Name]) in the group sheet are retained.

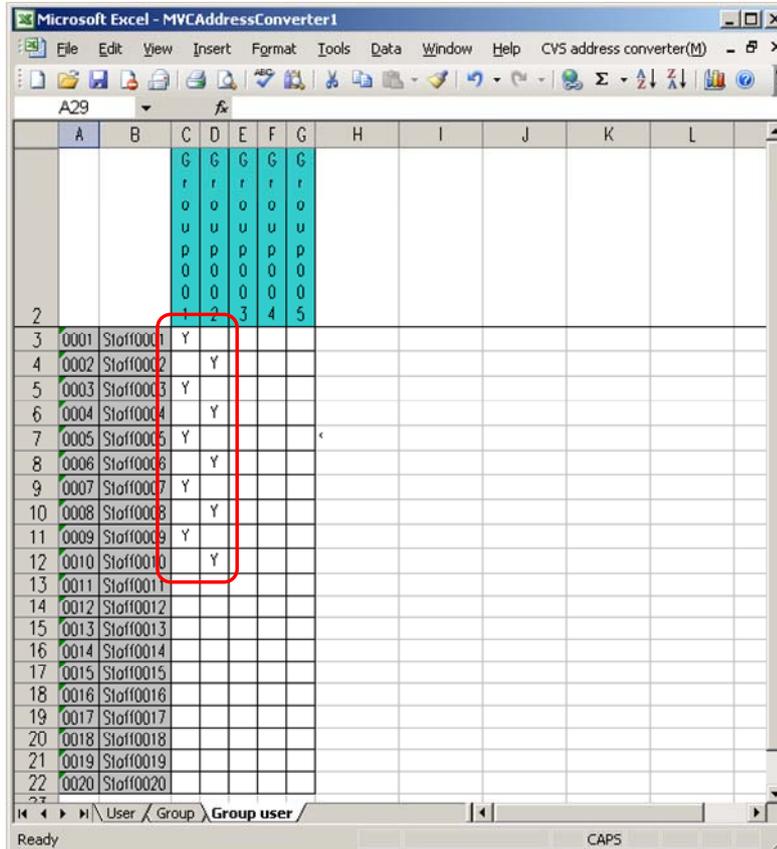


Figure 5.2

2. To add any particular user into other group, choose "Y" symbol in the pull-down menu. Refer also to the process no. 9 in Figure 2.2 in Chapter 2 "Launching the Phone Address Book Converter".
The following error message appears if any symbol other than the "Y" symbol is entered in the cell.



Figure 5.3

5.3 Dialog Boxes While Processing

1. The following dialog box appears while the group user sheet is being created. Similar dialog box appears also during creation of the local phone address book and server phone address book to advise the user that the tasks are currently being processed.



Figure 5.4

2. Clicking **Stop** button (see Figure 5.4) causes the following confirmation dialog box to appear. Click **Yes** button to terminate the running process, or **No** button to continue the process.



Figure 5.5

6. Creating Local Phone Address Book

1. After editing the group user sheet, choose "Output local phone address book" in the menu to commence creation of the local phone address book.
Refer also to the process no. 10 in Figure 2.2 of Chapter 2 "Launching the Phone Address Book Converter".

The local phone address book is registered in the specified output folder under the following file name.

File name of local phone address book : **mvcAddressCustom.js**

2. After outputting the local phone address book, the local phone address book file can be sent via ActiveSync from the user's PC to the HT Client terminal (DT-X7M10R).
The phone address book file is sent to the HT's phone address book location folder:
 \Program Files\Mobile Voice Communicator\HTML\Script\

6.1 Confirming Output to HT Client Terminal

1. The following confirmation dialog box in Figure 6.1 appears after the local phone address book has been output.
2. Click **Yes** button to commence the connection confirmation process via ActiveSync. Or, click **No** button to cancel the output to the HT Client terminal.
ActiveSync must be installed in the PC prior to performing this process.



Figure 6.1

6.2 Confirming the Connection

The following dialog box in Figure 6.2 appears if the connection via ActiveSync has not been established.

After clicking **OK** button and establishing the connection via ActiveSync is restored, the phone address book file is sent and a delivery report shown in Chapter 6.3 appears.

Or, if the connection is not established after clicking **OK** button, the same message (see Figure 6.2) will appear once every second.

Click **Cancel** button to stop the output from being sent to the HT Client terminal.

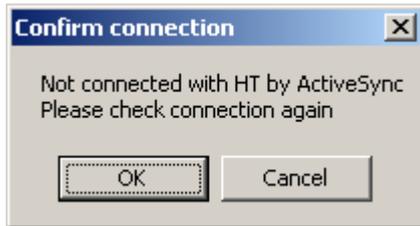


Figure 6.2

6.3 Delivery Report

These dialog boxes indicate a result of the delivery.

If the delivery has been successful, the 'HT outputting is succeeded' message appears (see Figure 6.3). Or, if failed, the 'HT outputting error' message appears (see Figure 6.4).



Figure 6.3



Figure 6.4

7. Creating Server Phone Address Book

After editing the group user sheet, choose 'Output server phone address book' in the menu to commence creation of the server phone address book.

Refer also to the process no. 10 in Figure 2.2 in Chapter 2 "Launching the Phone Address Book Converter".

Each file of the server phone address book is registered in the specified output folder under the following file names.

- **MVCAddressBook.xml**
- **MVCGroup.xml**
- **MVCGroupUser.xml**

To register the phone address book in the server, the output file must be registered in the following server location folder.

C:\Documents and Settings\All Users\Application Data\CASIO\MVC\DATA\

8. Specifying Phone Address Book Output Folder

In the dialog box below, specify the file output folder when create local phone address book and server phone address book. See Figure 8.1

Refer also to the process no. 11 in Figure 2.2 in Chapter 2 "Launching the Phone Address Book Converter".

Example of Specifying Output Folder

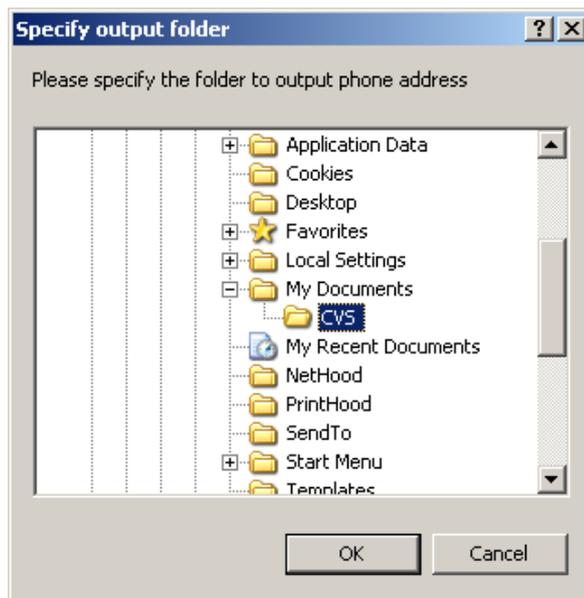


Figure 8.1

9. Checking Error

9.1 Checking Data

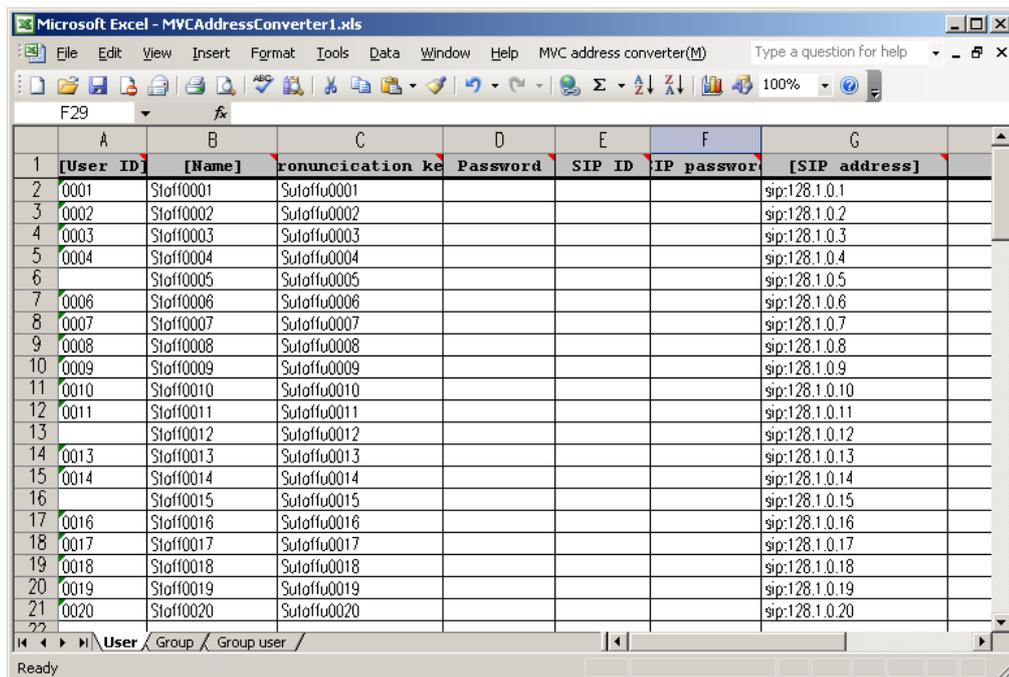
When creating group user sheets and outputting phone address books, 'input check' and 'repetition check' are performed on the entered data and then display the error message screens (see Figures 9.2 and 9.4) if any error is detected in the process.

- Input data check : checks whether all the mandatory cells have been filled out.
- Repetition on data check : checks data entered in the unique cells (i.e. ID, password etc.) for repetition.

Error in Input Data Check

The errors are displayed in the order of which they are detected. Clicking any of the detected error messages directly links the user to the corresponding cell via hyperlink in order for the user to analyze the error in detail.

Figure 9.1 shows an example of the user sheet with no data entered in lines 6, 13, and 16 in the [User ID] cell. This causes the error message screen in Figure 9.2 to appear.



	A	B	C	D	E	F	G
	[User ID]	[Name]	Pronunciation key	Password	SIP ID	IP password	[SIP address]
1							
2	0001	Stoff0001	Sutoffu0001				sip:128.1.0.1
3	0002	Stoff0002	Sutoffu0002				sip:128.1.0.2
4	0003	Stoff0003	Sutoffu0003				sip:128.1.0.3
5	0004	Stoff0004	Sutoffu0004				sip:128.1.0.4
6		Stoff0005	Sutoffu0005				sip:128.1.0.5
7	0006	Stoff0006	Sutoffu0006				sip:128.1.0.6
8	0007	Stoff0007	Sutoffu0007				sip:128.1.0.7
9	0008	Stoff0008	Sutoffu0008				sip:128.1.0.8
10	0009	Stoff0009	Sutoffu0009				sip:128.1.0.9
11	0010	Stoff0010	Sutoffu0010				sip:128.1.0.10
12	0011	Stoff0011	Sutoffu0011				sip:128.1.0.11
13		Stoff0012	Sutoffu0012				sip:128.1.0.12
14	0013	Stoff0013	Sutoffu0013				sip:128.1.0.13
15	0014	Stoff0014	Sutoffu0014				sip:128.1.0.14
16		Stoff0015	Sutoffu0015				sip:128.1.0.15
17	0016	Stoff0016	Sutoffu0016				sip:128.1.0.16
18	0017	Stoff0017	Sutoffu0017				sip:128.1.0.17
19	0018	Stoff0018	Sutoffu0018				sip:128.1.0.18
20	0019	Stoff0019	Sutoffu0019				sip:128.1.0.19
21	0020	Stoff0020	Sutoffu0020				sip:128.1.0.20

Figure 9.1

Figure 9.2 shows a screen example of error messages which caused by entering no data in the [User ID] cell which is mandatory to enter.

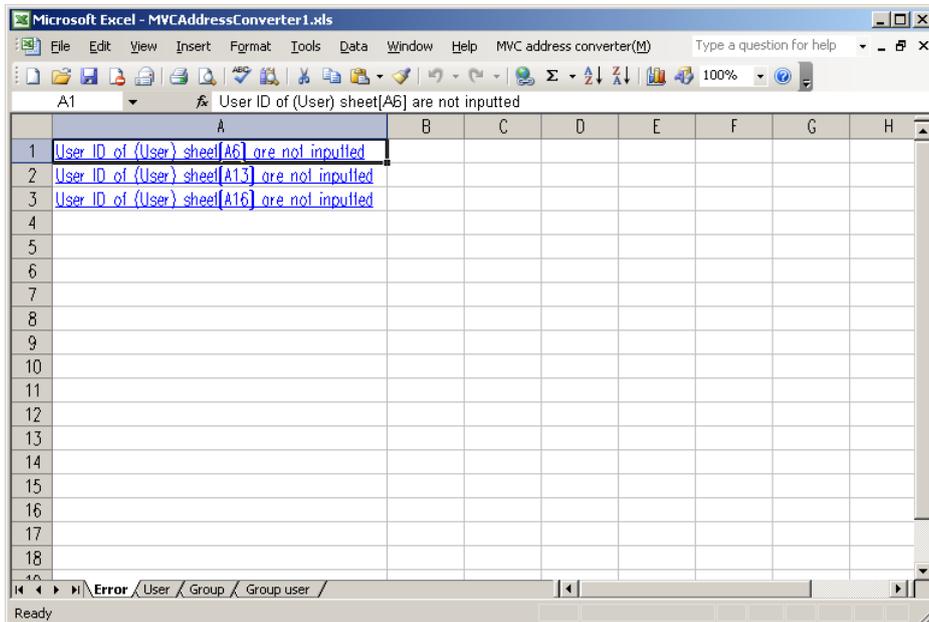


Figure 9.2

Error in Repetition on Data Check

Figure 9.3 shows an example of the user sheet in which the user IDs in lines 9 and 13 are repeatedly entered. This causes the error message screen in Figure 9.4 to appear.

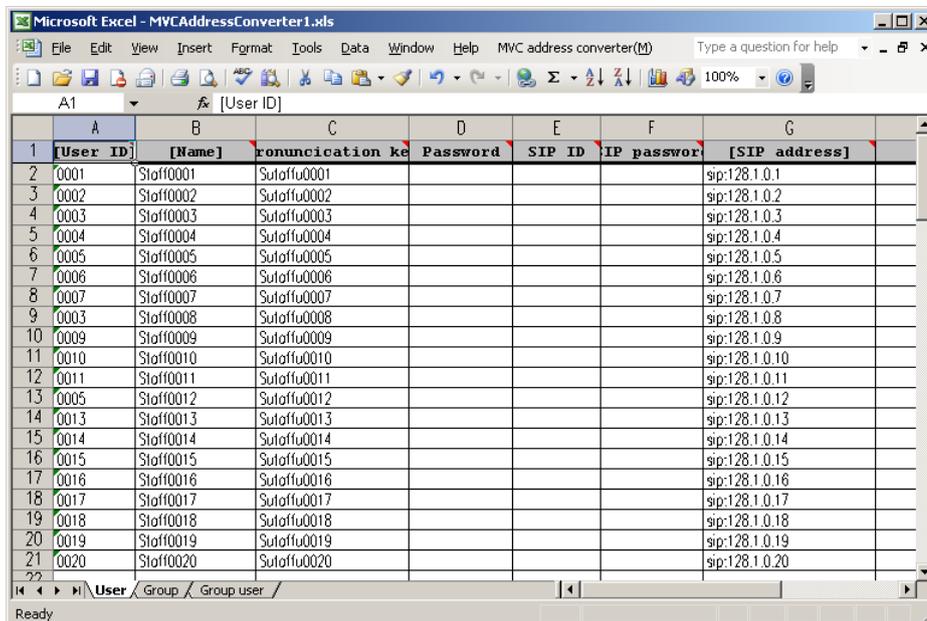


Figure 9.3

Figure 9.4 shows a screen example of error messages which caused by entering the same data in lines 9 and 13 in the [User ID] cell which is not allowed to enter.

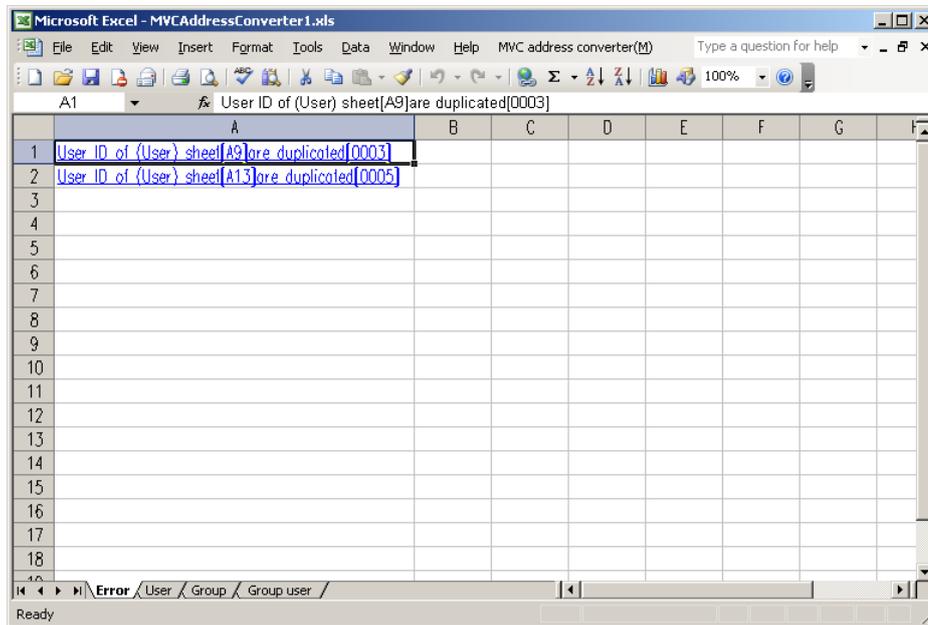


Figure 9.4

9.2 Checking User and Group Sheets

The group user sheets and phone address books are created from the user sheets and the group sheets. In any event in the user operation that these sheets are deleted or the file names are changed, creating the group user sheets and phone address books cannot be possible. If no sheet is found at the commencement of the processing, the following error message appears and the processing terminates.



Figure 9.5

If this dialog box appears, create a new user sheet.