ENHANCED DIRECTORY LIST

Note: For more detailed information about user-related Directory functions, see your **Mitel <Model-Specific>** *SIP Phone User Guide.*

The 6863i, 6865i, 6867i, 6869i, 6873i, 6920, 6930, and 6940 IP phones support enhanced Directory functionality allowing for interoperability with multiple directory sources (i.e. Local Directory, Corporate and Personal CSV directories, LDAP, Microsoft Exchange, Xsi Enterprise Directory, Xsi Personal Contacts, Xsi Enterprise Common Phone List, Xsi Group Directory, and Xsi Group Common Phone List,)

LOCAL DIRECTORY

The internal Local Directory contains the contacts that have been created or copied directly to the phone using the phone UI. If no external directory sources are available, pressing on the Directory key will open the Local Directory menu.

WARNING: WHEN UPGRADING A PHONE WITH A FIRMWARE VERSION PREVIOUS TO RELEASE 4.0.0 TO RELEASE 4.0.0 OR HIGHER, ALL LOCAL DIRECTORY ENTRIES WILL BE MIGRATED ACCORDINGLY. HOWEVER, IF DOWNGRADING BACK TO A FIRMWARE VERSION PREVIOUS TO RELEASE 4.0.0, ALL LOCAL DIRECTORY ENTRIES WILL BE LOST. IF YOU PLAN ON DOWNGRADING AT ANY TIME IN THE FUTURE AND WOULD LIKE TO RETAIN YOUR LOCAL DIRECTORY INFORMATION, IT IS RECOMMENDED TO SAVE YOUR LOCAL DIRECTORY ENTRIES BEFORE ANY UPGRADE OR DOWNGRADE BY USING THE PHONE'S WEB UI UNDER THE *OPERATION > DIRECTORY* MENU.

From the Local Directory menu, you can search for a contact, place a call to the selected contact, add new contacts to the Local Directory, delete all contacts, delete individual contacts, or edit existing contacts. Users can also view contact details (e.g. title, company name, numbers, work and home addresses, e-mail addresses, etc...).

Notes:
1. No configuration is required for the Local Directory.
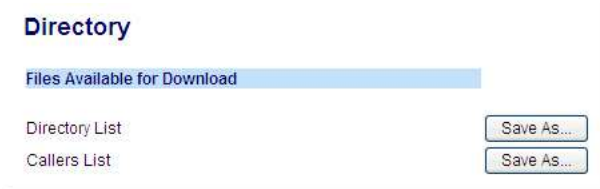2. Up to 200 Directory contacts can be stored locally on the phone.

Downloading the Local Directory List Using the Mitel Web UI

You can use the Mitel Web UI to download the Local Directory List from the IP phone to the configuration server.

Use the following procedure to configure the download.

💻 **MITEL WEB UI**

1. Click on **Operation->Directory.**

   Directory

   Files Available for Download

   | Directory List | Save As... |
   | Callers List | Save As... |

2. In the Directory List field, click on **Save As**.
   A "File Download" message displays.

3. Click **Save**.

4. Enter the location on your computer where you want to download the Directory List and click **Save**.
   The *directorylist.csv* file downloads to your computer.

5. Use a spreadsheet application to open and view the Directory List.

CSV-BASED DIRECTORIES

Two Comma-Separated-Value (CSV)-based directory files can be created and utilized on the phone as per previous releases but the number of fields the phone can parse has been greatly expanded. The phone can now handle CSV files with the following field values in the following order separated by commas:

- First Name (mandatory)
- Last Name
- Company
- Job Title
- Work Address Street
- Work Address City
- Work Address State/Province
- Work Address Zip/Postal Code
- Work Address Country
- Home Address Street
- Home Address City
- Home Address State/Province
- Home Address Zip/Postal Code
- Home Address Country
- Email1

- Email2

- Email3

- Number of Total Phone Numbers

- Phone Number 1 Type (mandatory)

- Phone Number 1 Line #

- Phone Number 1

- Phone Number 2 Type

- Phone Number 2 Line #

- Phone Number 2

> **Note:** Phone Number N Type is defined as an integer as per the following list:
>
> - 1 (Work1)
> - 2 (Work2)
> - 3 (Cell)
> - 4 (Home1)
> - 5 (Home2)
> - 6 (Fax)
> - 7 (Other)

The following example details a typical entry in the CSV directory file:

```
John,Smith,Acme Ltd.,Director of Marketing,123 Acme Rd.,Toronto,
Ontario,L4K 4N9,Canada,,,,,,jsmith@acme.com,,,2,1,1,9054804321,
3,1,9054801234
```

Administrators can fully configure CSV directories by defining the following parameters in the configuration files:

PARAMETER	DESCRIPTION
directory 1	The name/location of the first CSV-based directory list file that you can download from the configuration server.
directory 2	The name/location of the second CSV-based directory list file that you can download from the configuration server.
directory 1 name	Specifies the folder name of the directory defined in the "directory 1" parameter. Can also be configured through the Phone UI, see Enabling/Disabling Directories and Renaming Labels Using the Phone UI on page 5-285 for details.
directory 2 name	Specifies the folder name of the directory defined in the "directory 2" parameter. Can also be configured through the Phone UI, see Enabling/Disabling Directories and Renaming Labels Using the Phone UI on page 5-285 for details.
directory 1 enabled	Specifies whether or not the directory defined in the "directory 1" parameter should be enabled to be accessed on the phone. Can also be configured through the Phone UI, see Enabling/Disabling Directories and Renaming Labels Using the Phone UI on page 5-285 for details.

PARAMETER	DESCRIPTION
directory 2 enabled	Specifies whether or not the directory defined in the "directory 2" parameter should be enabled to be accessed on the phone.
	Can also be configured through the Phone UI, see Enabling/Disabling Directories and Renaming Labels Using the Phone UI on page 5-285 for details.

Configuring Interoperability with CSV-Based Directories Using the Configuration Files

Use the following procedures to configure interoperability with CSV-based directories.

> **CONFIGURATION FILES**

For specific parameters you can set in the configuration files, see Appendix A, the section, "CSV Directory Settings" on page A-130.

MICROSOFT EXCHANGE CONTACTS

The 6800 Series IP phones now allow interoperability with Microsoft Exchange contacts (Exchange 2007 SP1 or greater interface supported [through the Exchange Web Server API]). Contact information is mapped seamlessly into the phone's Directory menu whereby users can search for contacts, dial out to contacts, copy contacts to the Local Directory, or simply view the contact's details (e.g. title, company name, numbers, work and home addresses, e-mail addresses, etc...).

Administrators can fully configure a Microsoft Exchange Directory by defining the following parameters in the configuration files:

PARAMETER	DESCRIPTION
exchange server	Specifies the user's Microsoft Exchange server IP address or Fully Qualified Domain Name (FQDN).
exchange use ssl	Specifies whether SSL (Secure Sockets Layer) should be enabled or disabled.
exchange path	Configures a custom Exchange Web Services (EWS) path on the Exchange server hosting the EWS managed API. By default the path is "ews/exchange.asmx" on a typical Microsoft Exchange installation.
exchange user name	Specifies the user's Microsoft Exchange user name.
	Can also be configured through the Phone UI, see Entering Usernames/Passwords and Connection Testing on page 5-286 for details.
exchange contacts enabled	Specifies whether or not the Microsoft Exchange directory should be enabled to be accessed on the phone.
	Can also be configured through the Phone UI, see Enabling/Disabling Directories and Renaming Labels Using the Phone UI on page 5-285 for details.
exchange contacts name	Specifies the folder name of the Microsoft Exchange directory when enabled.
	Can also be configured through the Phone UI, see Enabling/Disabling Directories and Renaming Labels Using the Phone UI on page 5-285 for details.
exchange contacts resync time	Sets the time of day in a 24-hour period for the IP phone to update the Microsoft Exchange directory.