

Grandstream Networks, Inc.

WP8x6 - vCard Phonebook Guide



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The Grandstream WP8x6 supports vCard phonebooks, allowing users to easily import and export contact information through the Web UI. This feature simplifies contact management by enabling bulk uploads, backups, and seamless transfer of phonebook entries between devices. This guide provides step-by-step instructions on how to upload and download vCard phonebooks using the WP8x6 Web UI.

What is a vCard Phonebook?

A **vCard phonebook** is a digital contact file stored in vCard **.vcf** file format, which is a standard format used to save and share contact information.

vCard Phonebook Properties

The vCard format can support a wide range of Properties, but for the purposes of this guide, focusing on the WP8x6, we will concentrate on the key **Properties** outlined below:

Property	Description	Format
N	Last and first name separated by “,”	N:Doe;John
FN	Full name	FN:John Doe
TITLE	Job title	TITLE:Network Engineer
ROLE	Contact’s work role	ROLE:Support Engineer
TEL	Telephone numbers by type: HOME, WORK, CELL(MOBILE), FAX, OTHER, etc.	TEL;TYPE=CELL:1002
ORG	Organization name and department separated by “,”	ORG:Tech Corp;Technical Support

vCard Phonebook Properties

Example of vCard Phonebook

Below is a standard vCard phonebook, presenting the structure of the format: the contact entry begins with **BEGIN:VCARD** , specifies the **vCard version**, lists the properties described above, and concludes with **END:VCARD** .

```
BEGIN:VCARD
VERSION:3.0
N:Doe;John
FN:John Doe
TITLE:Network Engineer
ROLE:Support Engineer
TEL;TYPE=WORK:1000
TEL;TYPE=HOME:1001
TEL;TYPE=CELL:1002
TEL:1003
ORG:Tech Corp;IT
END:VCARD
```

WP8x6 vCard Phonebook Support

Firmware

Before using the vCard phonebook feature, please make sure the firmware on the phone is upgraded to the latest version. Please refer to the following link for firmware upgrading information: <https://www.grandstream.com/support/firmware>

vCard Phonebook Properties on the WP8x6

When a vCard phonebook is imported into a WP8x6 device, the Wi-Fi phone processes the file and prioritizes the properties according to its internal handling rules, as described below:

- **Naming Properties:** The WP8x6 Wi-Fi phone handles vCard naming properties `N` and `FN` according to the following rules:
 - If the vCard contains only the `FN:John Doe` property, The phone displays the name as "John Doe", but internally interprets the entire string as the **first name** and automatically sets the `N` property as `N:;John Doe`
 - If the vCard contains only the `N:Doe;John` property, The phone interprets `John` as the **first name** and `Doe` as the **last name**, and displays the name as "John Doe".
 - When both `N:Doe;John` and `FN:John Doe` properties are present in the vCard, The phone gives priority to the `N` property for display and internal processing.
- **Job Title Properties:** The WP8x6 Wi-Fi phone handles vCard job title properties `TITLE` and `ROLE` according to the following rules:
 - If the vCard contains only the `ROLE:Support Engineer` property, The phone displays "Support Engineer" as the contact's **Job Title**, but internally sets the `TITLE` property as `TITLE:Support Engineer; .`
 - If the vCard contains only the `TITLE:Network Engineer` property, The phone displays "Network Engineer" as the contact's **Job Title**.
 - If both `TITLE:Network Engineer` and `ROLE:Support Engineer` properties are present in the vCard, The phone gives priority to the `TITLE` property for display and internal processing.
- **Phone Number Priority:** The prioritized phone number is the one dialed by default when calling a contact. Supported types include `HOME` , `WORK` , and `CELL` (MOBILE), with `WORK` being the highest priority by default.
 - If the number type is `MOBILE` , it is automatically set to `CELL` .
 - If no type is set, the phone defaults the number type to `WORK` .
 - If a number type is set to a value other than `HOME` , `WORK` , `CELL` (MOBILE), it is automatically set to `WORK` .
 - A contact supports up to **10 telephone numbers**, and a number type may be assigned to multiple entries.
 - When multiple `WORK` numbers exist, the order in the vCard file determines the default number.

Based on these rules, the example vCard phonebook above will be interpreted by the WP8x6 as follows:

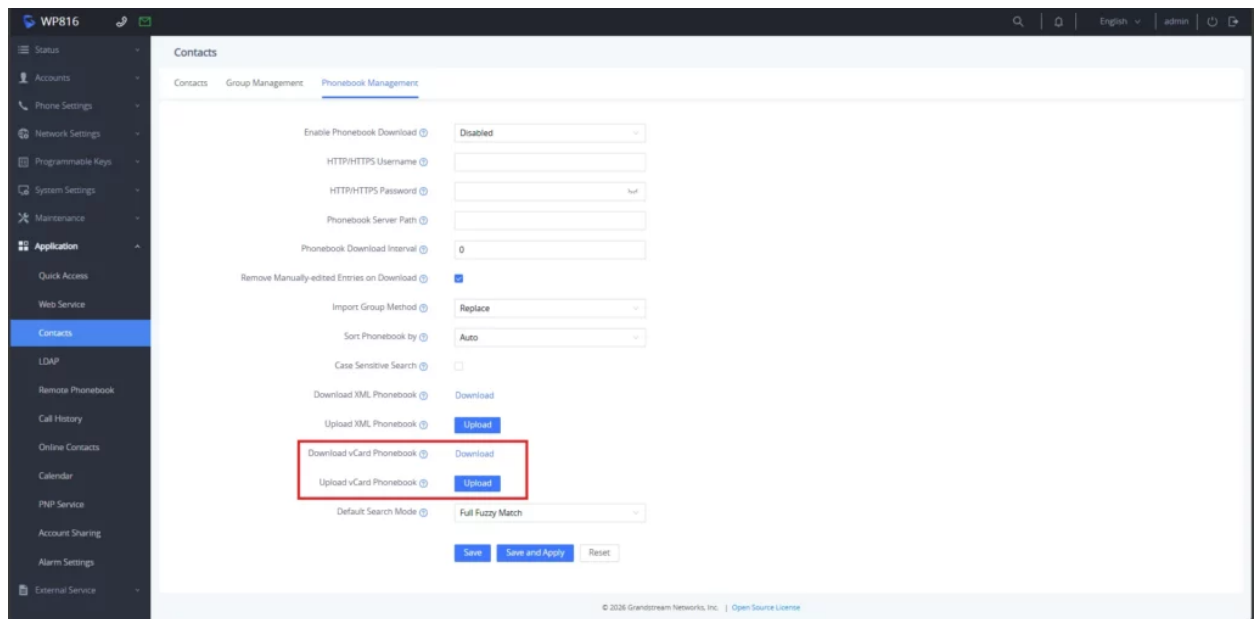
```

BEGIN:VCARD
VERSION:3.0
N:Doe;John
TITLE:Network Engineer
TEL;TYPE=Work:1000
TEL;TYPE=Home:1001
TEL;TYPE=Cell:1002
TEL;TYPE=Work:1003
ORG:Tech Corp;IT
END:VCARD

```

vCard Phonebook Management via Web UI

Access the WP8x6 web interface by entering the device's IP address in a web browser, then navigate to **Application** → **Contacts** → **Phonebook Management**, as shown in the screenshot below.



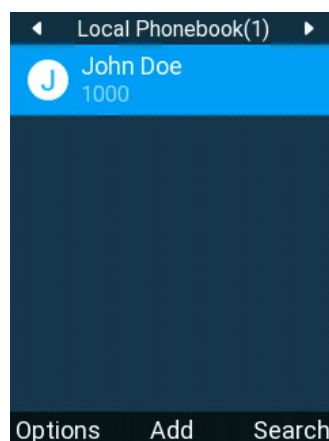
WP8x6 Web UI Application → Contacts → Phonebook Management Page

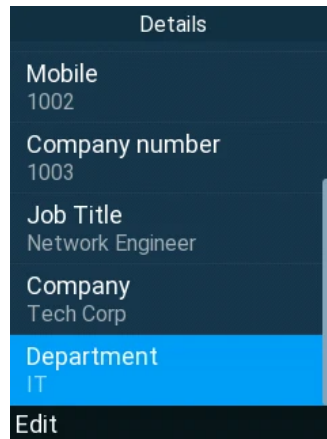
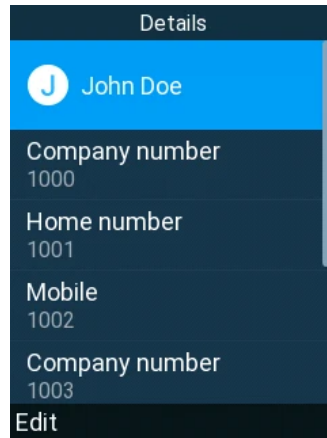
- **Download vCard Phonebook:** Exports the current phonebook as a vCard file.

The vCard downloaded from the Web UI can be imported into other phones, enabling a seamless transfer of phonebook entries between devices.

- **Upload vCard Phonebook:** Imports a vCard file into the phone.

After uploading the vCard phonebook to the WP8x6 device, navigate to **Settings** → **Contacts**. The local phonebook will display the contacts imported from the file.





WP8x6 Local Phonebook

Note

Uploading a vCard phonebook will **overwrite** any existing contacts in the local phonebook.

To update the information of an imported contact from the WP8x6 device, select the contact from the phonebook and press the “**Edit**” softkey.

In **Edit Contact**, the user can:

- Change the **First** and **Last Name**.
- Add numbers by pressing “+”.
- Select the **Prefer Number**.
- Choose the **Account** from the configured accounts on the phone or set it to **Auto**.
- Select a **Ringtone**.
- Add the contact to a **Group**.
- Alter the **Job Title**, **Company**, and **Department**.

Edit Contact

Name

First Name

John

Last Name

Doe

Number

1000

1001

OKAb2Delete

WP8x6 Edit Contact

Supported Devices

Supported Devices	WP816
	WP826
	WP836