

OVERVIEW & REQUIREMENTS

This guide walks through configuring the **VTech VD650** IP phone to register with **the mywlpbx Elite platform v5.2.4** — from installation through manual configuration and auto provisioning (TFTP, HTTP/HTTPS).



IDENTIFYING YOUR PHONE MODEL

The exact model information is printed on the back of each VTech phone. Models can have significantly different requirements and installation procedures — confirm you have the **VD650** before starting, or the setup may not complete successfully.

BEFORE YOU BEGIN

- **Phone model** — Confirm the exact model on the back of the phone
- **Firmware** — Version 1.0.0.7, checked via the phone's web interface
- **DHCP** — A fully configured, operational DHCP server
- **PBX version** — Release 5.2.4

CHECK PHONE FIRMWARE

- 1 Browse to the phone's IP, e.g. `http://192.168.1.22`
- 2 Go to **System Information** in the left navigation menu
- 3 The page displays the phone's current firmware version

FIND PHONE IP ADDRESS

- 1 Press the **Settings** softkey, then **6** (Information) > **2** (System Info)
- 2 The IP address is displayed at the top of the display

CHECK PBX VERSION

- 1 Log in to the mywlpbx Elite platform, navigate to **Settings > About**

Edition: Business, Release: 5.2.4.0.0 (387597b7), Running: 1.8.32.1-gc-b47edc45, Proxy v5.2.4 (62b7bcd), API: 5

INSTALLATION

OPTION A – POWER ADAPTER

- 1 Connect the DC plug on the power adapter to the DC port on the phone, and the other end into an electrical outlet
- 2 Connect an Ethernet cable between the Internet port on the phone and a network port on your router or switch

OPTION B – POWER OVER ETHERNET (POE)

- 1 Connect an Ethernet cable between the Internet port on the phone and an available port on a PoE-compliant router or switch

NOTE: If using PoE, you do not need the AC adapter. Ensure the Ethernet cable and router/switch are PoE compliant.

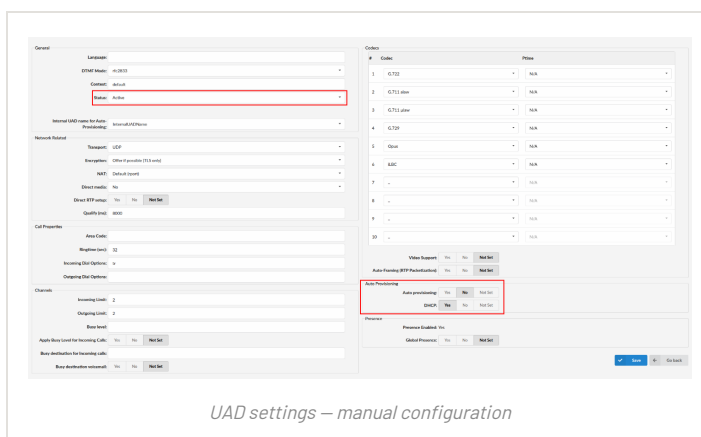
RESET TO FACTORY SETTINGS

Not required for brand-new phones – but a must for any phone previously used.

- 1 Browse to the phone's IP, e.g. <http://192.168.1.22>
- 2 Click **Advanced** in the left navigation menu, then the **Update** tab
- 3 Click **Reset**, then confirm with **OK** – after the reboot, select the phone language and timezone before registering
- 4 Wait for the device to finish rebooting before continuing

MANUAL CONFIGURATION – UAD SETTINGS

- 1 Browse to the mywlpbx Elite platform, e.g. <http://192.168.1.10>, and log in with your e-mail address and password
- 2 Navigate to **Settings > UAD**
- 3 Make sure the VTech VD650 UAD is enabled – click the **Edit** icon for the VTech VD650
- 4 Set **Status** = **Active**, **Auto provisioning** = **No**, **DHCP** = **Yes**
- 5 Click **Save**



WARNING: Do not unplug or remove power while the phone is updating firmware or configuration.

CREATE THE EXTENSION

- Local** is for extensions registered on the LAN; **Remote** is for extensions registered from remote networks, WAN, Internet, etc.

- **Name** — e.g. John Smith
- **E-mail** — e.g. john.smith@yourdomain.com (receives all system notifications)
- **Department** — e.g. Sales

Click Save.

REGISTER THE PHONE

-
- Extensibility - 3333
- Extension Number: 3333
- Name: Info Box
- E-Mail: info@ibm.com
- Department: None
- Department Admin: No
- PFC Based Services: PFC-URL: 12345
- Rating
- Call Rating: No Not Set
- Chat Rating: No Not Set
- Service Point: No Not Set
- Knowledge: No Not Set
- Main Extension: No Not Set
- Readable Balance: No Not Set
- Credit Limit: No Not Set
- Authorization
- User Name: ibm
- User Password: 123456789101234567
- 2FA Expiry Time: Please select ...
- 2FA Min Validity Time: Please select ...
- 2FA E-Mail: No
- 2FA: 123456789
- Permissions
- Distribution
- Enhanced Services
- Customs & Modules
- Auto Provisioning
- Auto provisioning: No Not Set
- InfoC_Address: No Not Set
- OK

AUTO PROVISIONING

1 UAD SETTINGS

- 1 Log in to the mywlpbx Elite platform, navigate to **Settings > UAD**
- 2 Click **Edit** for the VTech VD650, set **Status** = **Active**, **Auto provisioning** = **Yes**, **DHCP** = **Yes**, click **Save**

2 CREATE THE EXTENSION

- 1 **Extensions > Add Extension** > **UAD** = VTech VD650, **Location** = Local or Remote > **Next step**

REQUIRED EXTENSION FIELDS

- **Name** — e.g. John Smith
- **E-mail** — e.g. john.smith@yourdomain.com
- **Auto Provisioning** — set to Yes
- **MAC Address** — from the back of the phone, e.g. 000413123456

Click **Save**.

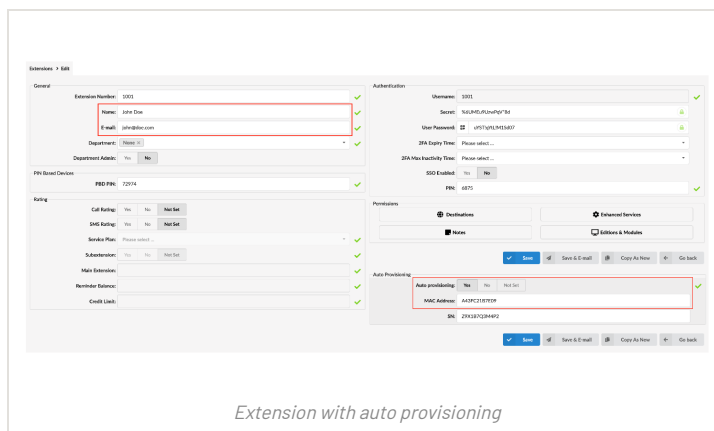
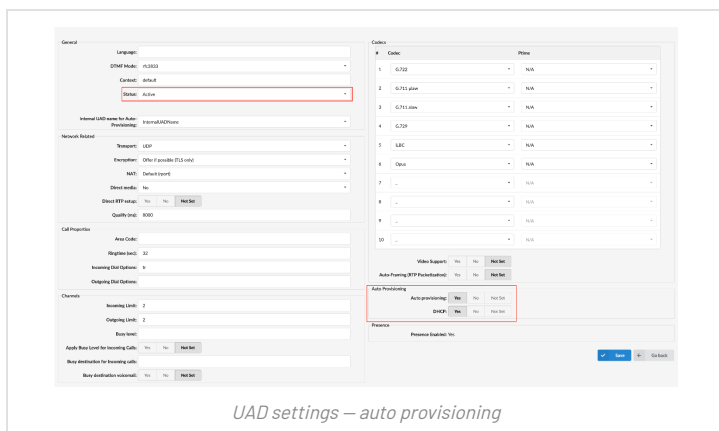
SERVER ADDRESS FORMATS

- **HTTP** — `http://voip.yourdomain.com/prov`
- **TFTP** — `tftp://voip.yourdomain.com`

HTTP is the recommended protocol type. Alternatively, DHCP option 66 can instruct the phone with the provisioning URL automatically on first boot or reboot.

3 REGISTER VIA HTTP OR TFTP

- 1 Browse to the phone's IP, log in (factory default: `admin / admin`) and click the **Servicing** tab
- 2 Click **Provisioning** in the left navigation menu
- 3 Enter the auto-provisioning credentials into the **Server Authentication Name** and **Server Authentication Password** fields
- 4 Decide on the server type: HTTP or Trivial FTP (HTTP recommended)
- 5 Enter the server address into the **Server URL** field, including protocol prefix (see formats at left)
- 6 Click **Save**, then open the **Reboot** link in the left menu and click **Reboot** — provisioning runs during the reboot
- 7 Wait a couple of seconds for the configuration to update — **do not power off the phone**. The phone picks up its configuration from the PBX during the reboot. Dial `*123` to verify.



ADDITIONAL TEMPLATE & SUMMARY

ADDITIONAL CONFIGURATION TEMPLATE

To include additional UAD configuration for the VTech VD650, add fields to the **User Agent General Auto Provisioning Template** under **Settings > UAD > VTech VD650** — or add them directly to a single extension in its **UAD Auto Provisioning Template** section.



VTech VD650 IP phone

PROVISIONING SUMMARY

After successful registration via any method, dial ***123** to verify. If registration fails:

- Verify the UAD is **Active** with the correct provisioning setting
- For auto provisioning: confirm the MAC address matches
- Confirm the phone can reach the PBX on the network
- Re-check the **Server URL** and credentials

FACTORY DEFAULTS AT A GLANCE

- Web login — **admin / admin**
- Firmware — **1.0.0.7**
- Registration check — dial ***123**
- Provisioning path — **/prov**
- Recommended protocol — **HTTP**