

Spectralink IP-DECT Server 400

DECT Complete Plan (DCP) Mode

Setup Guide

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Chapter 1: About This Guide

This guide describes how to configure a Spectralink IP-DECT Server 400 in the DCP Mode, which is shorthand for DECT Complete Plan Mode. The DCP Mode allows for servers to be easily deployed, configured and managed with the use of AMIE.

Once configured, the IP-DECT Server 400 will run in DCP Mode starting from the initial boot sequence, changing its functionalities and GUI in the following ways:

- Automatic firmware update on the first boot.
- Redirection to AMIE on the first boot/factory reset.
- Creation of a configuration template, using the new configuration wizard.
- Automatic configuration using a preset configuration template on the first connection to AMIE.
- Removal of license management from the IP-DECT Server. Features can now be set from AMIE

This guide is intended for qualified technicians and the reader is assumed to have a basic knowledge about Spectralink IP-DECT Servers and AMIE. It is also assumed, that you have an installed and functioning Spectralink IP-DECT Server.

Prerequisites

Subject	Note
AMIE account	An account and organizations must be setup on https://dect.spectralink.com/
DECT Complete Plan License	<p>The DECT Complete Plan license can be acquired in the following formats:</p> <ul style="list-style-type: none"> • DECT Complete Plan Software and Services Bundle (1 year) – per user license • DECT Complete Plan Software and Services Bundle (3 year) – per user license • DECT Complete Plan Software and Services Bundle (5 year) – per user license <p>Note: At least three users are required per server. Currently, the DECT Complete Plan is only supported on the IP-DECT Server 400.</p>
IP-DECT Server 400	<p>The IP-DECT Server 400 must run firmware version PCS 24Ad or newer.</p> <p>Converting an IP-DECT Server 400 to an IP-DECT Server 400 DCP Mode, requires the server to be factory reset, unless the server has never been booted before.</p> <p>Conversely, when reverting the IP-DECT Server 400 DCP Mode to a standard IP-DECT Server 400 configuration, it must first be removed from AMIE and subsequently factory reset.</p>

Subject	Note
Public internet access for the IP-DECT Server 400 DCP Mode	In addition to public internet access, a firewall rule to allow TLS on Outbound Port 443 must also be set.

Related Documentation

All Spectralink documents are available at <http://support.spectralink.com/>.

Spectralink Documentation

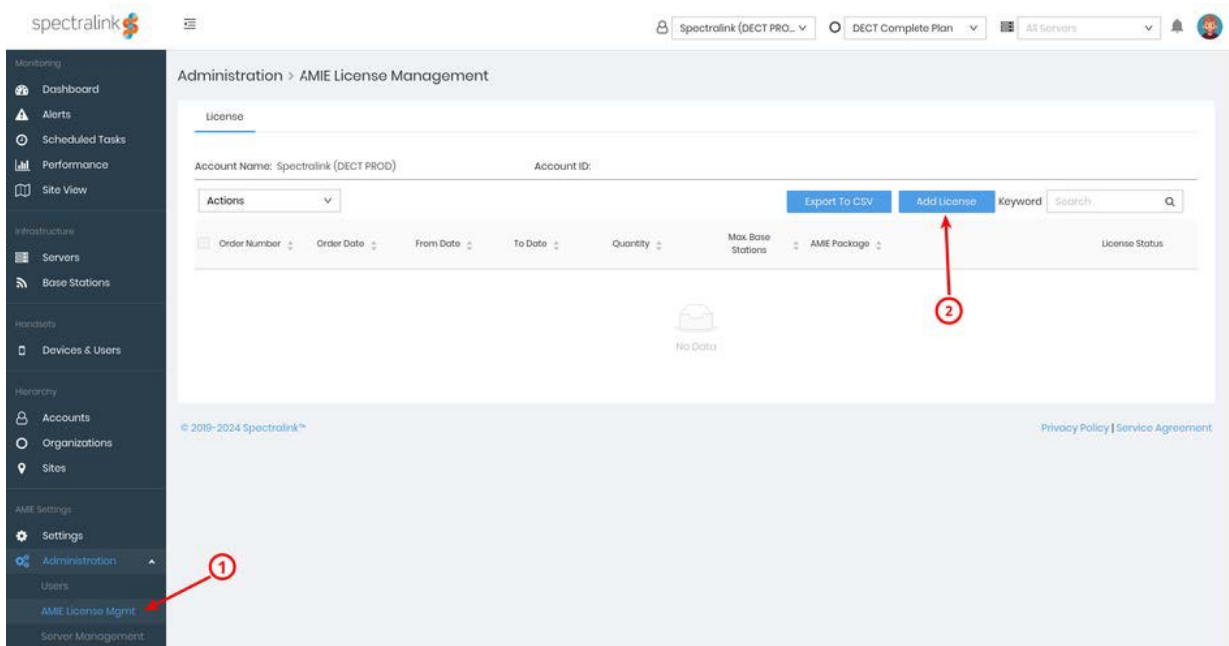
Subject	Documentation
Spectralink DECT Handsets	For more information about the handsets, refer to the user guides available online at this link .
Spectralink IP-DECT Server	For more information about the server, refer to the guides available online at this link .
Spectralink AMIE	For more information about AMIE, refer to the guide available online at this link .
Provisioning	For more information about provisioning, refer to the Spectralink IP-DECT Server 200/400/6500, Virtual IP-DECT Server One and DECT Server 2500/8000 Provisioning Guide available online at this link .
Spectralink Technical Bulletins	Available online at this link , by selecting the appropriate server model, and then filtering for Technical Bulletins.
Release Notes	Document that describes software changes, bug fixes, outstanding issues, and hardware compatibility considerations for new software releases. Available online at this link , by selecting the appropriate server model.
Spectralink DECT Training material	In order to gain access to the Spectralink training material, you must attend training and become Spectralink Certified Specialist. Please visit http://partneraccess.spectralink.com/training/classroom-training for more information and registration.

Chapter 2: Setup

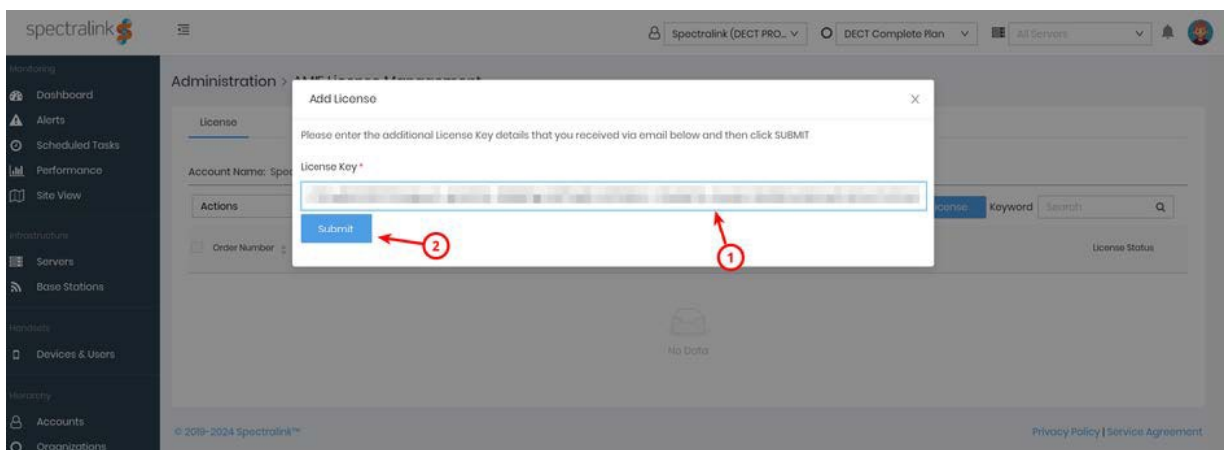
Below is a step-by-step description of how to convert the Spectralink IP-DECT Server 400 to an IP-DECT Server 400 DCP Mode, and how to connect it to AMIE. The steps must be followed in the listed order, to ensure a successful conversion process.

Loading the DECT Complete Plan License into AMIE

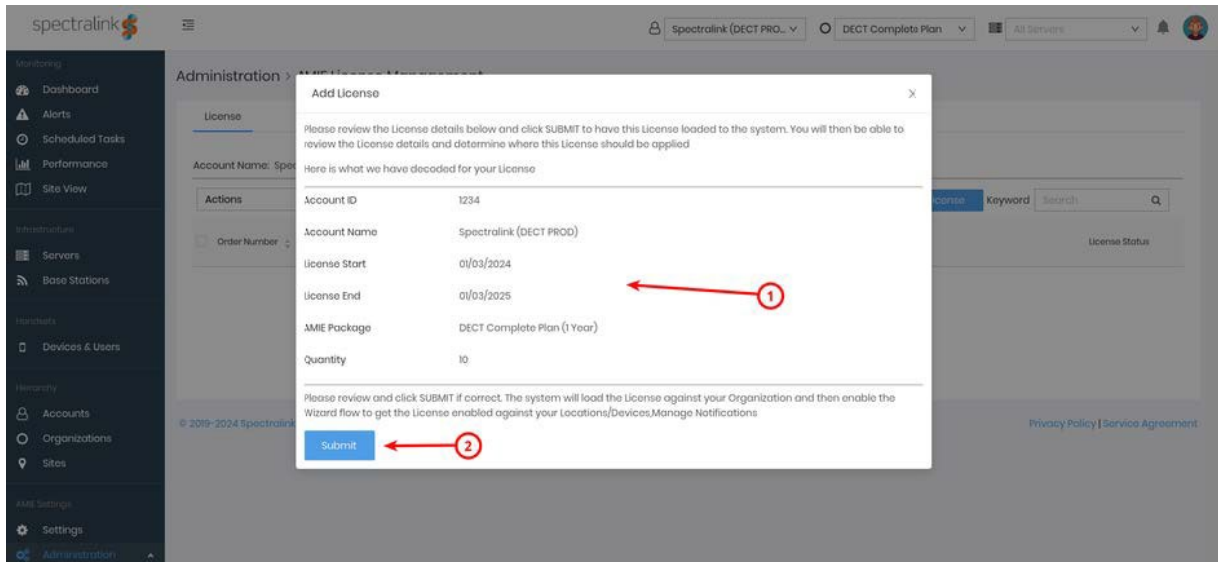
1. On AMIE, navigate to the **AMIE License Management** page and select **Add License**.



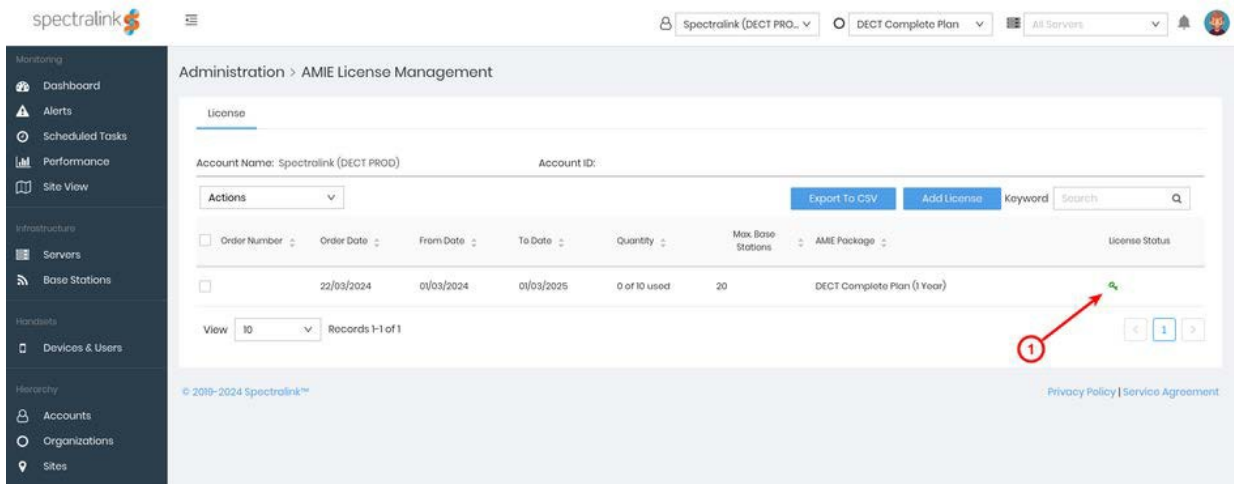
2. Insert your DECT Complete Plan License in the **License Key** field, and press **Submit**.



3. Validate the License Data and press **Submit**.

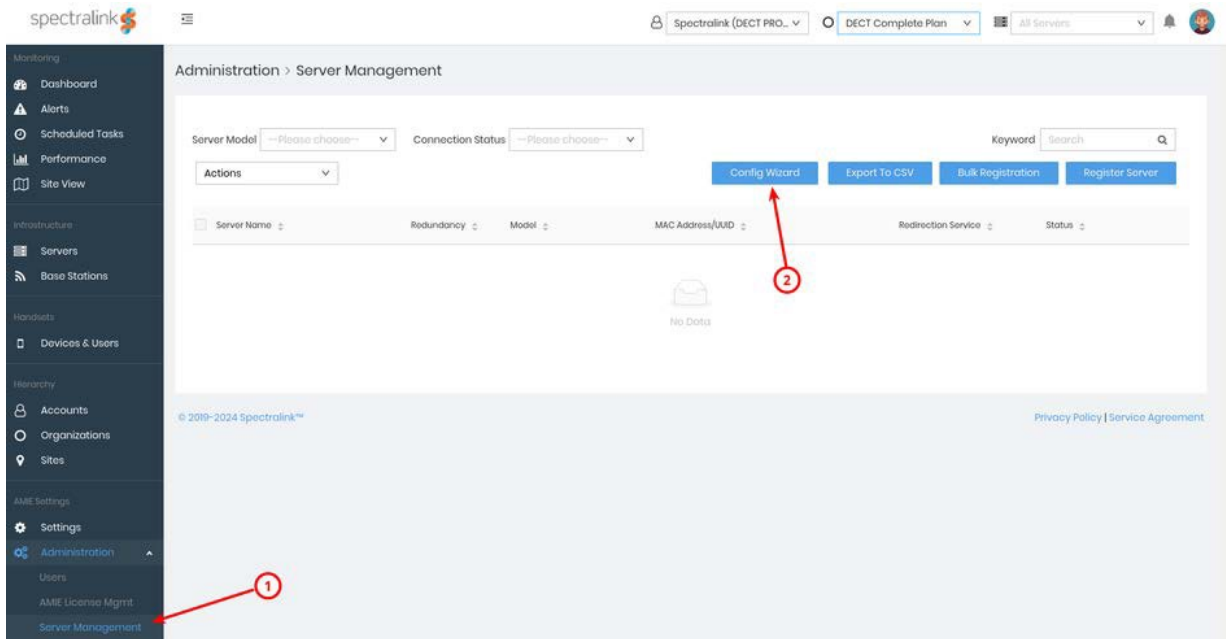


4. Validate that the newly added license is displayed in the **License overview** and make sure that the **License Status** displays a green key icon.

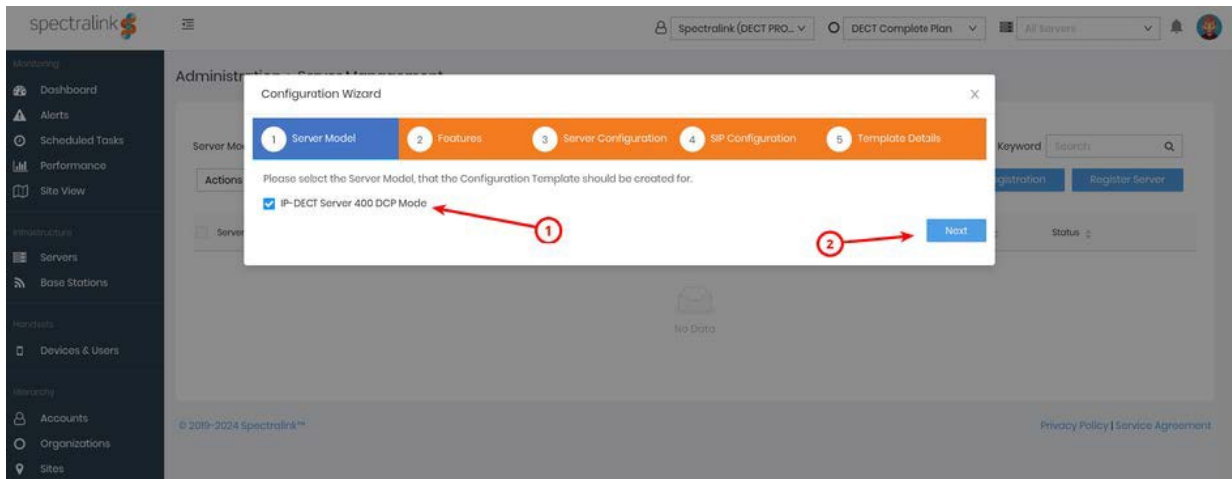


Creating a Configuration Template using the Configuration Wizard

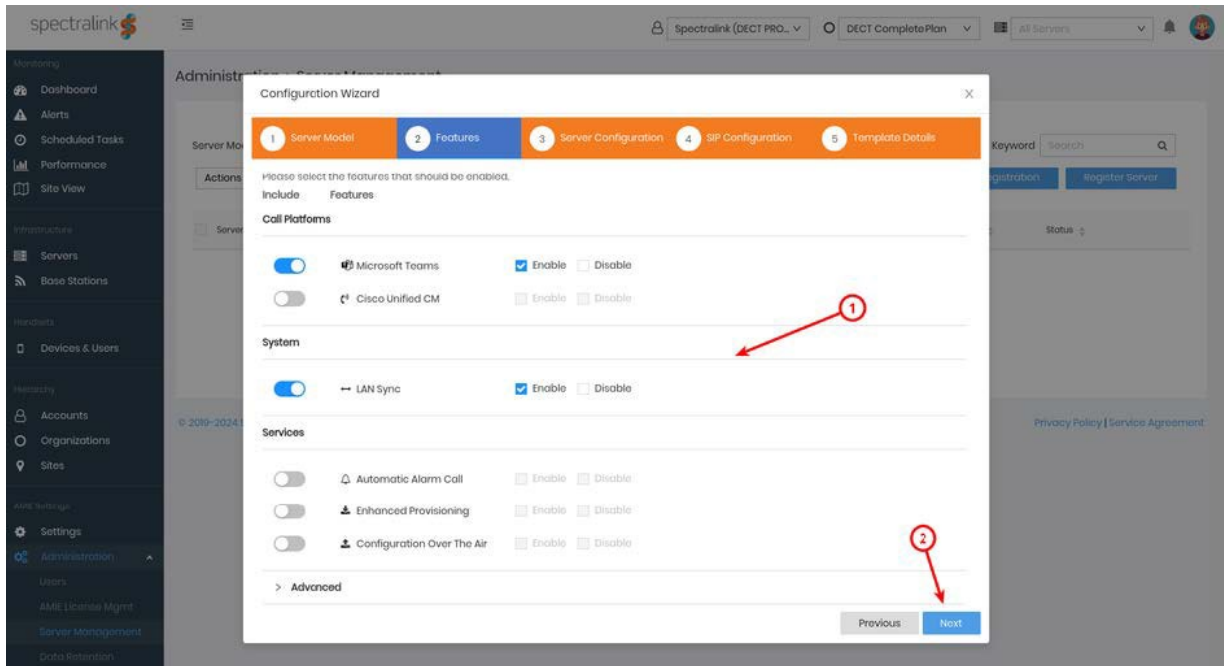
1. Navigate to **Server Management** and open the **Config Wizard**.



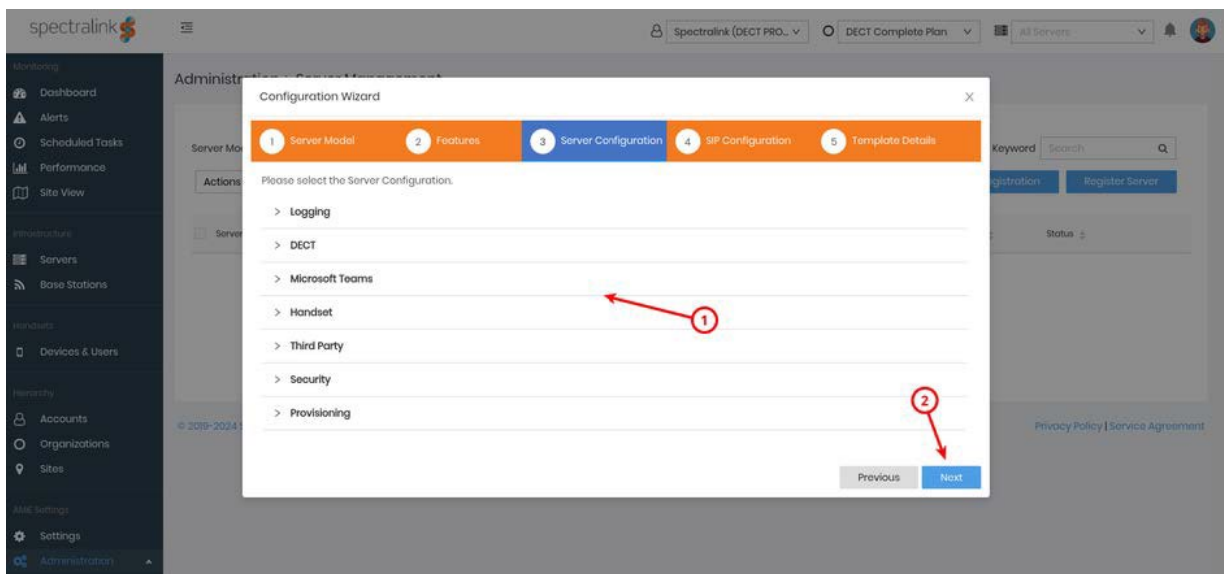
2. Select the **IP-DECT Server 400 DCP Mode** and press **Next**.



3. Select any of the **Features** that you want to enable for the IP-DECT Server 400 DCP Mode. When done, press **Next**.



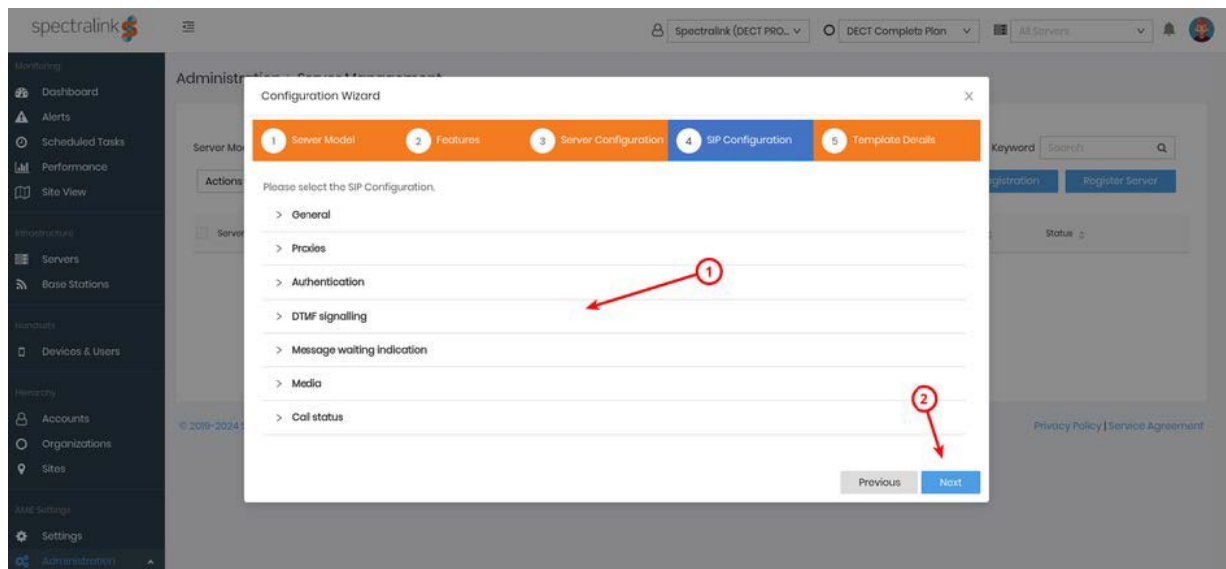
4. Select the desired **Server Configuration** for the IP-DECT Server 400 DCP Mode. When done, press **Next**.



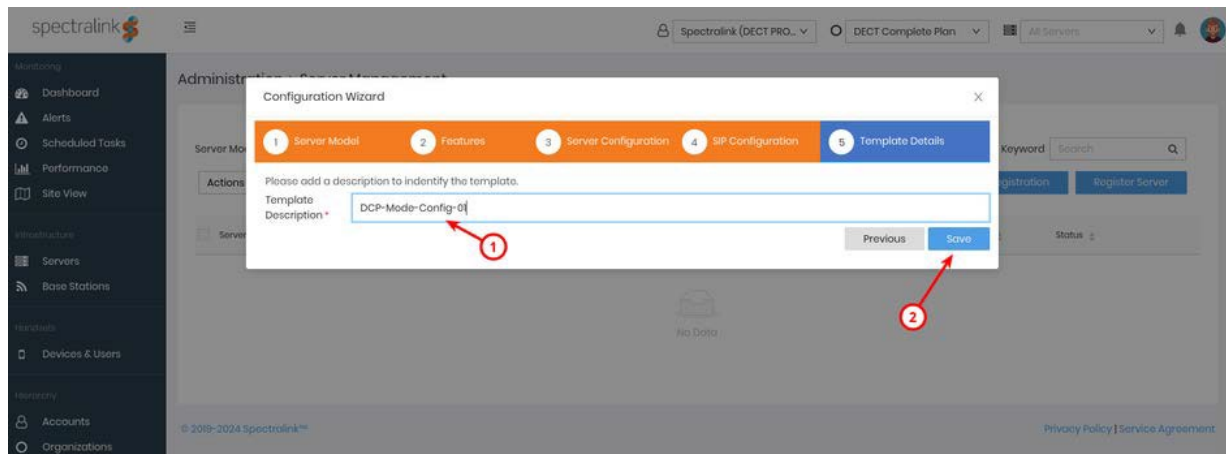
Note

Since all Server Configuration fields are blank by default, they must be configured at this step to ensure basic server functionality (e.g., registering handsets or base stations).

5. Select the desired **SIP Configuration** for the IP-DECT Server 400 DCP Mode. When done, press **Next**.

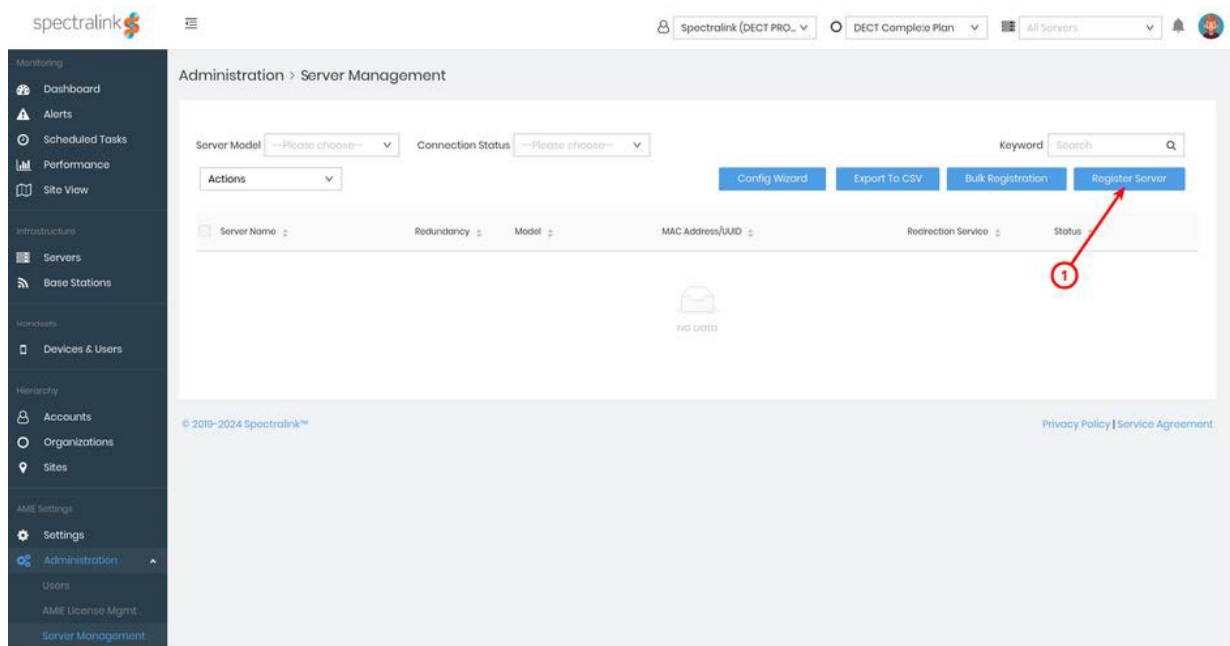


6. Finally, set a description for the **Configuration Template**, and press **Save**.

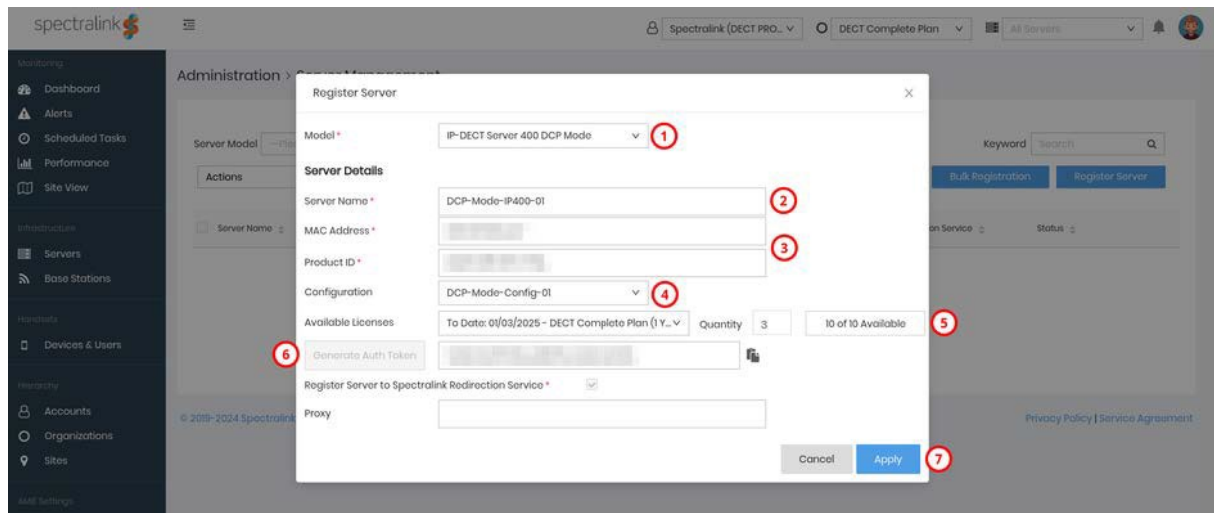


Registering the IP-DECT Server 400 DCP Mode in AMIE (Single Server)

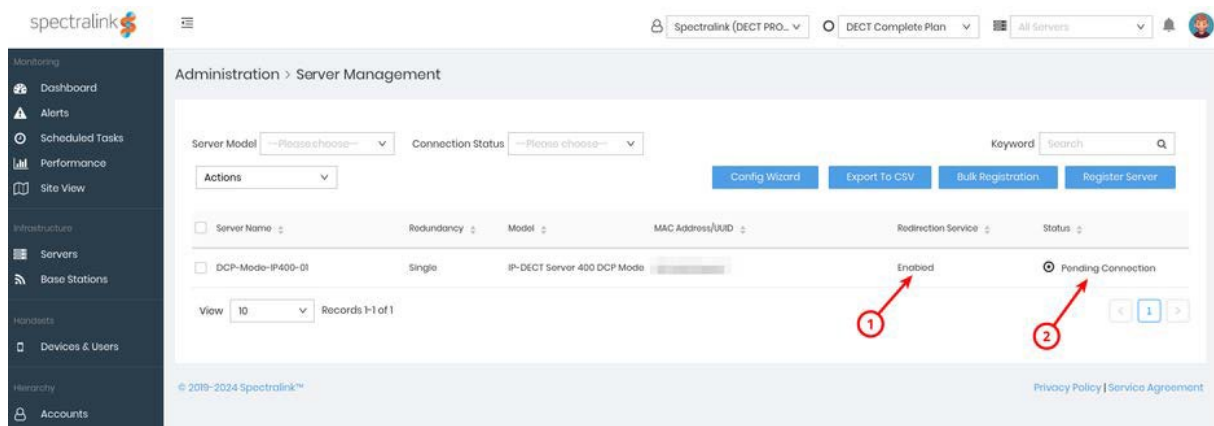
1. Press **Register Server** to register an IP-DECT Server 400 DCP Mode (Single Server)



2. On the next screen, input the following info:
 - Select the IP-DECT Server 400 DCP Mode under Model
 - Insert a unique Server Name
 - Insert a **MAC Address** and **Product ID** for the IP-DECT Server 400 to be registered and converted to DCP Mode.
 - Select the **Configuration Template** created in the previous step.
 - Select the DECT Complete Plan License initially loaded to AMIE.
 - Generate an **Auth Token** for the Registered Server.
 - Finally press Apply.



3. Confirm that the IP-DECT Server 400 DCP Mode shows **Enabled** under the Redirection Service column, and **Pending Connection** under Status.



Registering the IP-DECT Server 400 DCP Mode in AMIE (Bulk Registration)

1. Press **download** to download a template CSV file containing the following required headings:

- Server_Name:
- MAC_Address
- Product_ID
- License_Key

For every row of data, a server will be added to AMIE.

	A	B	C	D	E	F
1	Server_Name	MAC_Address	Product_ID	License_Key		
2	DCP-Mode-IP400-01		002C F1C3 91DC 26E0			
3	DCP-Mode-IP400-02		951A H3C4 67AB 13C4			
4						
5						
6						

2. Press **Bulk Registration** to register more than one IP-DECT Server 400 DCP Mode

Connection Status Keyword

Bulk Registration X

Model *

NOTE the system expects a predetermined set of columns. Please [download](#) our template if you are not sure what that structure is.

Server_Name	MAC_Address	Product_ID	License_Key
Required	*Required*	*Required*	*Optional*

Configuration

Generate Authentication Token *

Register Server to Spectralink Redirection Service *

Proxy

3. After adding the relevant server information in the CSV file, click **Browse** to upload it.
4. Select the **Configuration Template** created in the previous step, generate an **Auth Token** for the registered servers, and finally press **Apply**.
5. Confirm that for each IP-DECT Server 400 DCP Mode in the table, it shows **Enabled** under the Redirection Service column, and **Pending Connection** under Status.

IP-DECT Server 400 Setup and Configuration Template Provisioning

The next steps depend on whether the IP-DECT Server 400 is currently in use, or if it is a new system that hasn't been previously booted.

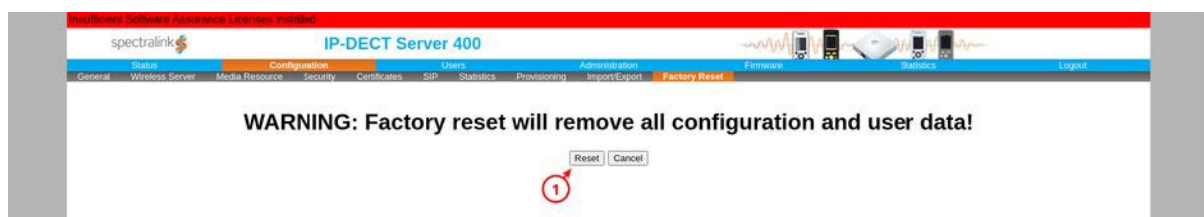
- a) Initial boot of the IP-DECT Server 400.

Plug the IP-DECT Server 400 to power it up for the first time and ensure the IP-DECT Server is connected to the public internet.

Or

- b) Factory reset a preexisting IP-DECT Server 400.

Navigate to **Factory Reset** in the IP-DECT Server 400 GUI and press **Reset**.



In either case, wait for the IP-DECT Server 400 to connect to AMIE, which will start pushing the Configuration Template created in the previous steps. This process will involve multiple reboots.



Warning: Configuration Template provisioning process

Do not log in to the IP-DECT Server 400 (DCP Mode) GUI once this sequence has started – this action could cause the process to stop unexpectedly.

Do not power off or disconnect the IP-DECT Server 400 (DCP Mode) once this sequence has started – doing so will stop the process.

Do not remove the IP-DECT Server 400 (DCP Mode) from AMIE once this sequence has started – doing so will stop the process.

Do not make any changes to the IP-DECT Server 400 (DCP Mode) from AMIE until you receive a “**Configuration Template successfully loaded**” notification from AMIE – doing so could stop the provisioning process.

Within 5-10 minutes, the IP-DECT Server 400 DCP Mode should connect to AMIE. To ensure that the connection has been successfully established, please verify the following three items:

- 1) The server status should show **Connected**.
- 2) The **Notification Bell** should show a new notification.
- 3) The **Server Model** should list the server as **IP-DECT Server 400 DCP Mode**.

The screenshot displays the Spectralink AMIE Administration > Server Management page. The interface includes a sidebar with navigation options like Dashboard, Alerts, Scheduled Tasks, Performance, Site View, Servers, Base Stations, Devices & Users, Accounts, Organizations, and Sites. The main content area shows a table of servers with columns for Server Name, Redundancy, Model, MAC Address/UUID, Redirection Service, and Status. A single server is listed with Model 'IP-DECT Server 400 DCP Mode' and Status 'Connected'. Red circles with numbers 1, 2, and 3 are overlaid on the screenshot: 1 points to the 'Connected' status, 2 points to the notification bell icon in the top right, and 3 points to the 'IP-DECT Server 400 DCP Mode' text in the table.

Lastly, validate that the Configuration Template has been successfully loaded. This step finalizes the setup of the IP-DECT Server 400 DCP Mode.

