

Spectralink Redirection and Provisioning Service

User Guide

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Introduction to Spectralink Redirection and Provisioning Service

The Spectralink Redirection and Provisioning Service (SRPS) enables secure zero-touch provisioning for Spectralink IP-DECT Server 200/400/6500.

As a Service Provider, System Integrator, or Reseller, you may remotely manage your Clients, and their Spectralink IP-DECT Servers, avoiding costly on-site visits.

Users may set up Redirection rules, anytime, from anywhere.

This service comes completely free of charge to Spectralink partners and customers.

How Do I Get Access to SRPS?

Contact [Spectralink Technical Support](#) and request an account to the SRPS.

Once the user has been granted access to the redirection server, they will be asked to confirm their email.



Welcome to the Spectralink Redirection Service

[\[Redacted Link\]](#) !

Your Spectralink Redirection Service account has been created. Click the button below to activate you account.

Confirm my account

After your account has been confirmed, you will be asked to enter a password, this completes the setup procedure. With these credentials you can access:

- A web [GUI](#) for manually managing your redirections
- The [API](#) for automated control of your redirections

Thank you,

The Spectralink Redirection Service Team

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When clicking the confirmation link, the user will request to choose a password for their account.

Create Password

Username: [redacted]

New Password ?

Repeat New Password

After the password has been entered, the user will be logged in and ready to use the redirection server.

It is possible to log out or change the password by clicking on the email address in the top right corner.

spectralink Redirection Service Overview Redirection [User Email]

Thank you. Your email has been confirmed. Log out
Change Password

Password created for user: [redacted]

Status

507	4	0
Redirections	Active	Failed

Recent activity

If the user forgets their password, it is possible to request a password reset from the login page by clicking the “Forget password” link, under the login button.

Login

Email Address
tuser@spectralink@gmail.com

Password
.....

Remember Me

Login

[Forgot password](#)

Cancel

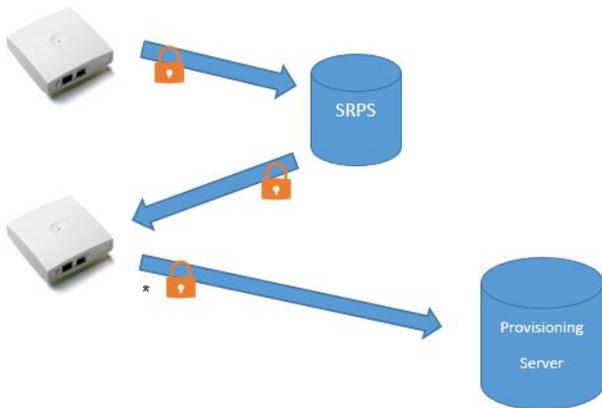
Core Features of SRPS

SRPS provides Spectralink customers with the following features:

- As a service provider, ITSP, system integrator or reseller - manage Spectralink IP-DECT Server redirections.
- Secure redirection of Spectralink IP-DECT Servers to their assigned provisioning server.

Spectralink IP-DECT Server Redirection

When a Spectralink IP-DECT Server connects for the first time to the internet, it contacts SRPS to request a provisioning server URL. If SRPS contains an entry for its MAC address and Production ID (P-ID), it will set the URL as value for the Spectralink IP-DECT Server parameter provisioning.server.url, and the Spectralink IP-DECT Server will send a request to this provisioning server to retrieve a configuration file.



*) Depends on configuration

Interacting with SRPS

You can interact with the Spectralink Redirection and Provisioning Service in the following ways:

- Using OAM REST API.
You can manage the Spectralink IP-DECT Server redirections programmatically using OAM REST API. The OAM REST API allows to integrate the zero-touch provisioning in any platform and helps to provide seamless backend integration with any platform.
- Through the SRPS Web UI.
You can manage the Spectralink IP-DECT Server directions using the [Web UI of the SRPS](#).

SRPS Web UI

SRPS provides a simple user-friendly web interface to manage redirection for Spectralink IP-DECT Servers.

Currently, you can perform the following tasks:

- Create a single redirection
- View, edit or delete a single redirection
- Bulk upload redirections

Create Single Redirection

A single redirection can be created as illustrated below:

The screenshot shows the 'Create' form in the Spectralink SRPS Web UI. The form is titled 'Redirection Service' and includes a navigation menu with 'Overview', 'Redirection', 'Organization', and 'User'. The user is logged in as 'www.christian@spectralink.com'. The form has two tabs: 'List' and 'Create'. The 'Create' tab is active, showing the following fields:

- Owner ***: A dropdown menu with 'Spectralink Support' selected.
- MAC ***: A text input field containing '00:11:47:96:02:08'.
- P-ID ***: A text input field containing '002 15% 3235 2036'.
- URL ***: A text input field containing 'https://example.org/provisioning/001147960208-config.xml'.

At the bottom of the form, there are four buttons: 'Save', 'Save and Add Another', 'Save and Continue Editing', and 'Cancel'.



Note:

The **MAC** address and **P-ID** can be found on the label of the Spectralink IP-DECT Server.

View, Edit or Delete Existing Redirection

Use the filter option (**Add Filter**) and search for the MAC address of the Spectralink IP-DECT Server.

The screenshot shows the Spectralink Redirection Service interface. The top navigation bar includes 'Overview', 'Redirection', 'Organization', and 'User'. The 'Redirection' tab is active. Below the navigation bar, there are buttons for 'List (1)', 'Create', 'Export', 'Import', 'Add Filter', and 'With selected'. A filter is applied: 'x MAC contains 001...'. A 'Reset Filters' button is visible. The main table displays one redirection entry:

<input type="checkbox"/>	Owner	MAC	P-ID	URL	Status
<input type="checkbox"/>	Spectralink Support	001...	002...	https://example.org/provisioning/001...-config.xml	

- Click  to view an existing redirection.
- Click  to edit an existing redirection.
- Click  to delete an existing redirection.

Bulk Import of Redirections

It is possible to upload a list of redirections in a CSV format file. Below is an example of a CSV file:

```

SRPS_Bulk Upload.csv
1 MAC, P-ID, URL
2 001...,002...,https://example.org/provisioning/001...-config.xml
3 001...,002...,https://example.org/provisioning/001...-config.xml
4 001...,002...,https://example.org/provisioning/001...-config.xml
5 001...,002...,https://example.org/provisioning/001...-config.xml
  
```

Import to SRPS.

The screenshot shows the Spectralink Redirection Service interface with the 'Import' button highlighted. The top navigation bar is the same as in the previous screenshot. Below the navigation bar, there are buttons for 'List (557)', 'Create', 'Export', 'Import', 'Add Filter', and 'With selected'. The 'Import' button is highlighted. The main table is empty, showing only the headers:

<input type="checkbox"/>	Owner	MAC	P-ID	URL	Status
--------------------------	-------	-----	------	-----	--------

Administration

Creating a new user

When creating a new user, the default behavior of the we template is to set the user active. Then the user will get an email with a link where they can activate their account immediately.

The screenshot shows the Spectralink user creation interface. At the top, there is a navigation bar with the Spectralink logo and the text "Redirection Service". Below the navigation bar are tabs for "Overview", "Redirection", "Organization", and "User". The "User" tab is selected. On the right side of the navigation bar, there is a user profile icon and the email address "user@spectralink.com". Below the navigation bar, there are two tabs: "List" and "Create". The "Create" tab is active. The form contains the following fields: "Roles" (text input), "Organization *" (dropdown menu with "Spectralink" selected), "Email *" (text input with "user@spectralink@gmail.com" entered), and "Active" (checkbox checked). At the bottom of the form, there are four buttons: "Save", "Save and Add Another", "Save and Continue Editing", and "Cancel".

You can verify the user creation by viewing the Recent activity tab.

Recent activity

Time	Info
2024-04-23T13:13:19Z	User user@spectralink@gmail.com created

In some cases, it may be beneficial to create the user and activate it at a later time. This is done by unchecking the "Active" box. The user will not get an activation email.

The screenshot shows the Spectralink user creation interface, similar to the previous one, but with the "Active" checkbox unchecked. Below the form, there is a table showing the user creation activity. The table has columns for "Time" and "Info". The table contains one row: "2024-04-23T13:13:19Z" and "User [user@spectralink@gmail.com](#) created".

You can also verify the inactive status of the newly created user.

Recent activity

Time	Info
2024-04-23T12:38:15Z	User [redacted] created (inactive)

When the user is activated at a later time, the confirmation email will be sent.

The screenshot shows the Spectralink user management interface. At the top, there is a navigation bar with the Spectralink logo and the text 'Redirection Service'. Below this are several tabs: 'Overview', 'Redirection', 'Organization', and 'User'. The 'User' tab is currently selected. Below the navigation bar, there are four sub-tabs: 'List', 'Create', 'Edit', and 'Details'. The 'Edit' sub-tab is active. The main content area contains several form fields: 'Roles' (empty text input), 'Organization *' (dropdown menu with 'Spectralink' selected), 'Email *' (text input with a redacted email address), and 'Active' (checkbox that is checked). At the bottom of the form, there are four buttons: 'Save', 'Save and Add Another', 'Save and Continue Editing', and 'Cancel'.

The active status of the user will be displayed in the Recent activity tab.

Recent activity

Time	Info
2024-04-23T12:42:09Z	User [redacted] activated
2024-04-23T12:38:15Z	User [redacted] created (inactive)