

## SIP Trunking using Optimum Business® SIP Trunk Adaptor and the Microsoft Response Point PBX Version 1.0 SP2

### Goal

The purpose of this configuration guide is to describe the steps needed to configure the Microsoft Response Point PBX for proper operation with Optimum Business SIP Trunking.

### Prerequisites

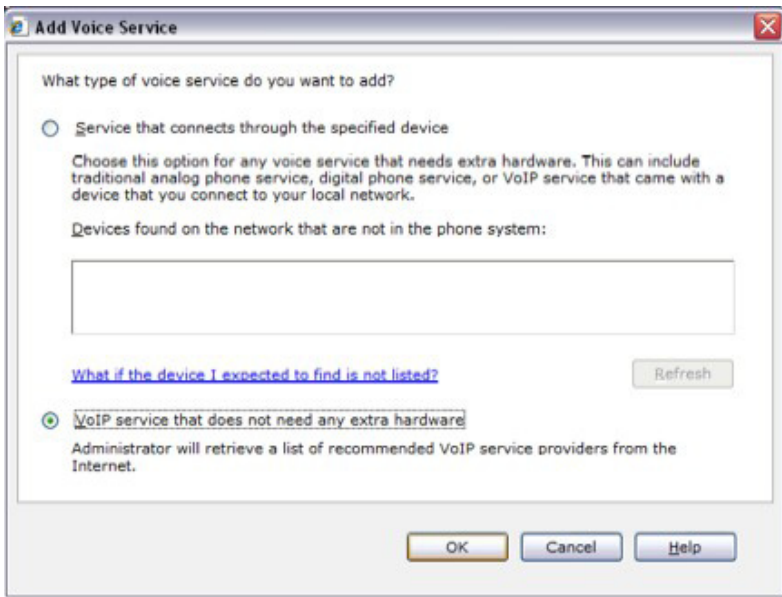
Please follow the instructions in the Optimum Business SIP Trunk Set-Up Guide. The Set-Up Guide was left by the Optimum Business technician at installation. If you do not have the Set-Up Guide, go to [www.optimumbusiness.com/SIP](http://www.optimumbusiness.com/SIP) to download a copy.

### Microsoft Response Point Configuration

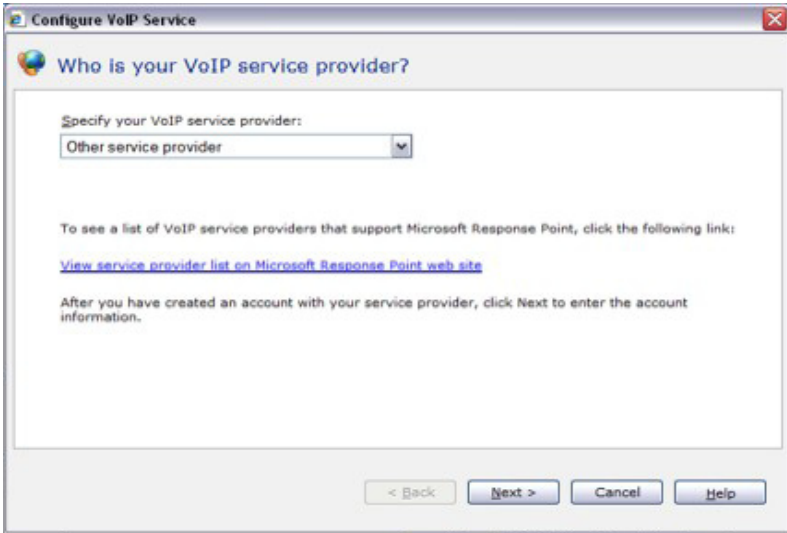
The steps on the next page describe the minimum configuration required to enable the Microsoft Response Point PBX to use Optimum Business SIP Trunking for inbound and outbound calling. Please refer to the Microsoft Response Point PBX product documentation for more information on other advanced PBX features.

The configuration described here assumes that the Microsoft Response Point is already configured and operational with station side phones using assigned extensions or DIDs. This configuration is based on Microsoft Response Point version 1.0 SP2.

1. Log into the Response Point PBX using a PC running the Microsoft Response Point Administration software.
2. Select **“Add Voice Service”**.
3. Select **“VoIP service that does not need any extra hardware”**.
4. Select **“OK”**.



5. Select **“Other service provider”** from the **“Specify your VoIP service provider”** pulldown menu.
6. Select **“Next”**.



7. Enter the **“Address of record(AOR) or URI”**. This should be in the format *pilotdid@IP address*. The IP address should match the IP address of the locally attached Optimum Business SIP Trunk Adaptor LAN interface. This is step 2 in the Optimum Business SIP Trunk Set-up Guide.
8. Enter the **“Proxy server address”**. This address should match the IP address of the locally attached Optimum Business SIP Trunk Adaptor LAN interface. Please note that the IP address should be followed immediately by the text string **“:5060”**. This configures the Response Point PBX to use port 5060 for SIP signaling. This is step 2 in the Optimum Business SIP Trunk Set-up Guide.
9. Enter the **“Default domain”**. This should match the IP address of the locally attached Optimum Business SIP Trunk Adaptor LAN interface.
10. Enter the **“Authentication ID or User ID”**. This value should match the Username configured in the Optimum Business SIP Trunk Adaptor. This is step 3 in the Optimum Business SIP Trunk Set-up Guide.
11. Enter the **“Password”** and the same value in the **“Confirm password”** fields. This value should match the **Password** configured in the Optimum Business SIP Trunk Adaptor. This is step 3 in the Optimum Business SIP Trunk Set-up Guide.
12. Select **“Allow incoming calls through this service”**.
13. Select **“Detect inband DTMF tones”**.

**Configure VoIP Service**

What information did your service provider give you?

Your VoIP service provider will give you the following information. Be sure you type an accurate entry in each box.

Address of record (AOR) or URI:

Authentication ID or User ID:

Proxy server address:

Password:

Confirm password:

Default domain:

Detect inband DTMF tones

Allow incoming calls through this service

Registration interval (sec):

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14. Select "Next".

15. Enter the inbound call routing rules. This configuration matches the DIDs to the extensions assigned to your LAN side PBX phones.

**Configure VoIP Service**

Do you want to assign direct-dial numbers to users?

Calls to direct-dial numbers will go directly to the assigned users.

Phone numbers in your service plan:

Number	Direct-Dial	Assigned User
6316769138	<input checked="" type="checkbox"/>	MS105 EWN (105)
6316769137	<input type="checkbox"/>	(not assigned)
6316769136	<input checked="" type="checkbox"/>	MS100 EWN (100)

Add...  
Edit...  
Remove  
Remove All

Note: Phone numbers that you do not configure for direct dial or list here will automatically go to the receptionist or Automated Receptionist.

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16. Configure “**Caller ID display name or number**” that is specific to your installation. Only the Pilot DID can be sent for outbound Caller ID. Configure the “**Caller ID display name or number**” field with the Pilot DID. **Note:** the Caller ID for any outbound calls **must** be the same as the Username configured in the Optimum Business SIP Trunk Adaptor. This is step 3 in the Optimum Business SIP Trunk Set-up Guide.

**Configure VoIP Service**

### What caller information do you want to display?

If your service provider lets you choose what to display when people receive calls from you, enter the information below. Otherwise click next.

Caller ID display name or number:  
6316769136

The information you type here might not appear in the Caller ID window the way you expect. For example, your service provider might:

- Override your entry.
- Ignore your entry.
- Display nothing if you leave this box empty.

Test the configuration to make sure the display name and number appear correctly. If it does not, contact your service provider for help.

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17. Select “**Allow calls to be placed through this voice service**”.

**Configure VoIP Service**

### How are calls handled through this service?

Allow calls to be placed through this voice service

Place emergency calls through this service first, before trying any other enabled voice service

When you dial a phone number, you must enter a prefix that determines through which voice service that call will be placed. Choose which prefix you would like to associate with this service.

Prefix:  
9

When only one voice service is configured, you must enter prefix "9" to place a call through that service. If you configure two voice services, you can choose which service is accessed by prefix "9" and which by prefix "8".

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18. Select “**Finish**”.