



**VOIPNOW**<sup>®</sup>

4PSA VoipNow <sup>®</sup> 1.0.0  
Browser Module for IE

For more information about 4PSA VoipNow, check:  
<http://www.voipnow.com>

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# Browser Module for IE

Manual Version 40764

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## Chapter 1

# Overview

4PSA VoipNow Browser Module for IE is an Internet Explorer plug-in that facilitates calls using Call API requests to the 4PSA VoipNow server. 4PSA VoipNow Browser Module monitors all web pages displayed by the browser (including pages that incorporate AJAX technology), and whenever it identifies a phone number, it replaces it with an interactive representation as shown below. For instance, when contact information is displayed on a web site, 4PSA VoipNow Browser Module will convert it to an Instant Call context:

Figure 1.1. Conversion to Instant Call contexts



The phone numbers can be called right away by simply clicking their representations. Once you do that, the 4PSA VoipNow server will call you at a telephone number you have previously set up in the 4PSA VoipNow Browser Module's settings and then will dial the selected number on your behalf, initiating a call.

## Chapter 2

# Installation

This section describes how to install the 4PSA VoipNow Browser Module on your system.



### Note

You need administrator privileges to perform the 4PSA VoipNow Browser Module installation.

In order to install the 4PSA VoipNow Browser Module, you need to download the installer from <http://www.4psa.com/getvoipnowbm>. Once you have the executable, close all Microsoft Internet Explorer browser windows and run it. A wizard will guide you through the steps of the installation process.

1. First, the installer displays a Welcome screen.

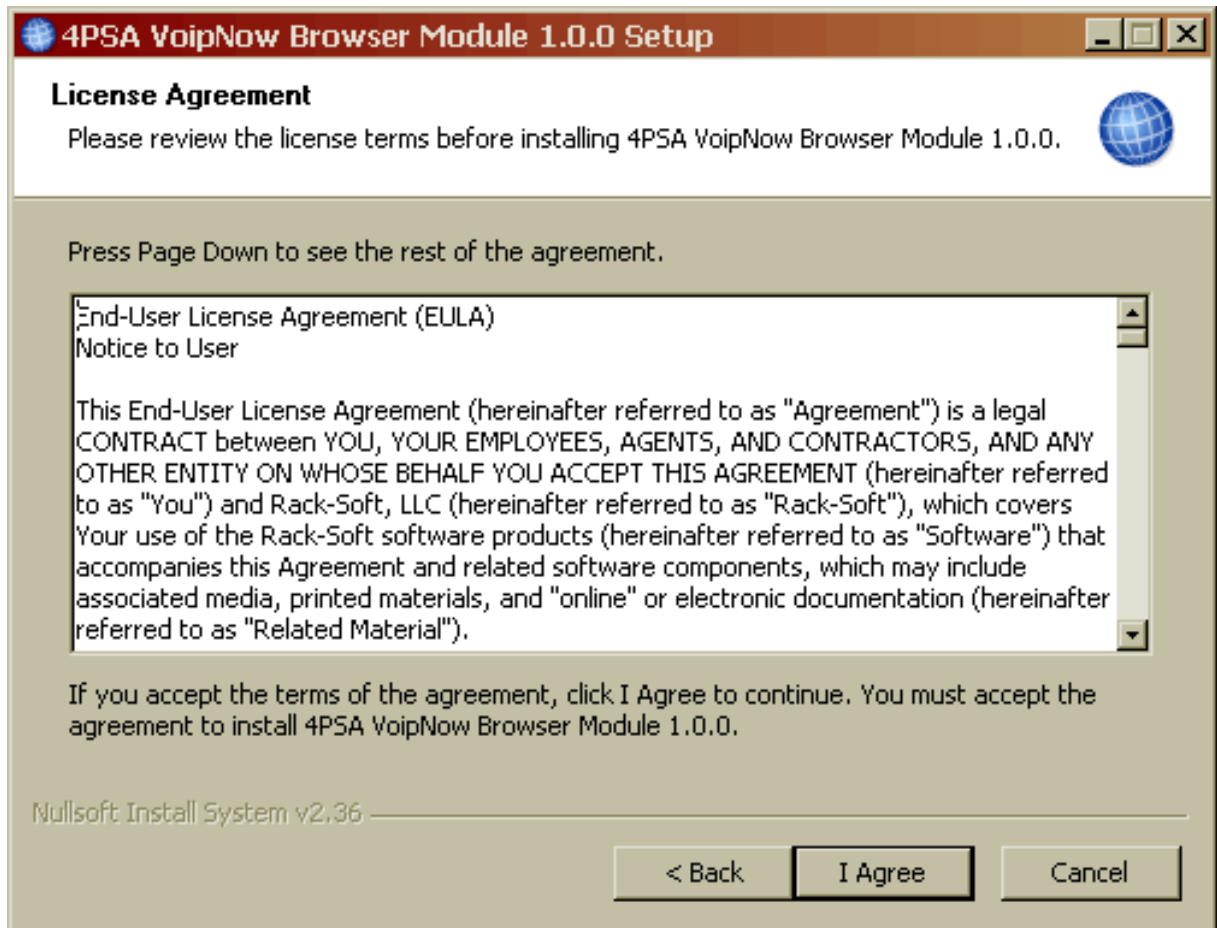
Figure 2.1. The Welcome screen



Click Next > to proceed.

2. Next, the license agreement will be displayed

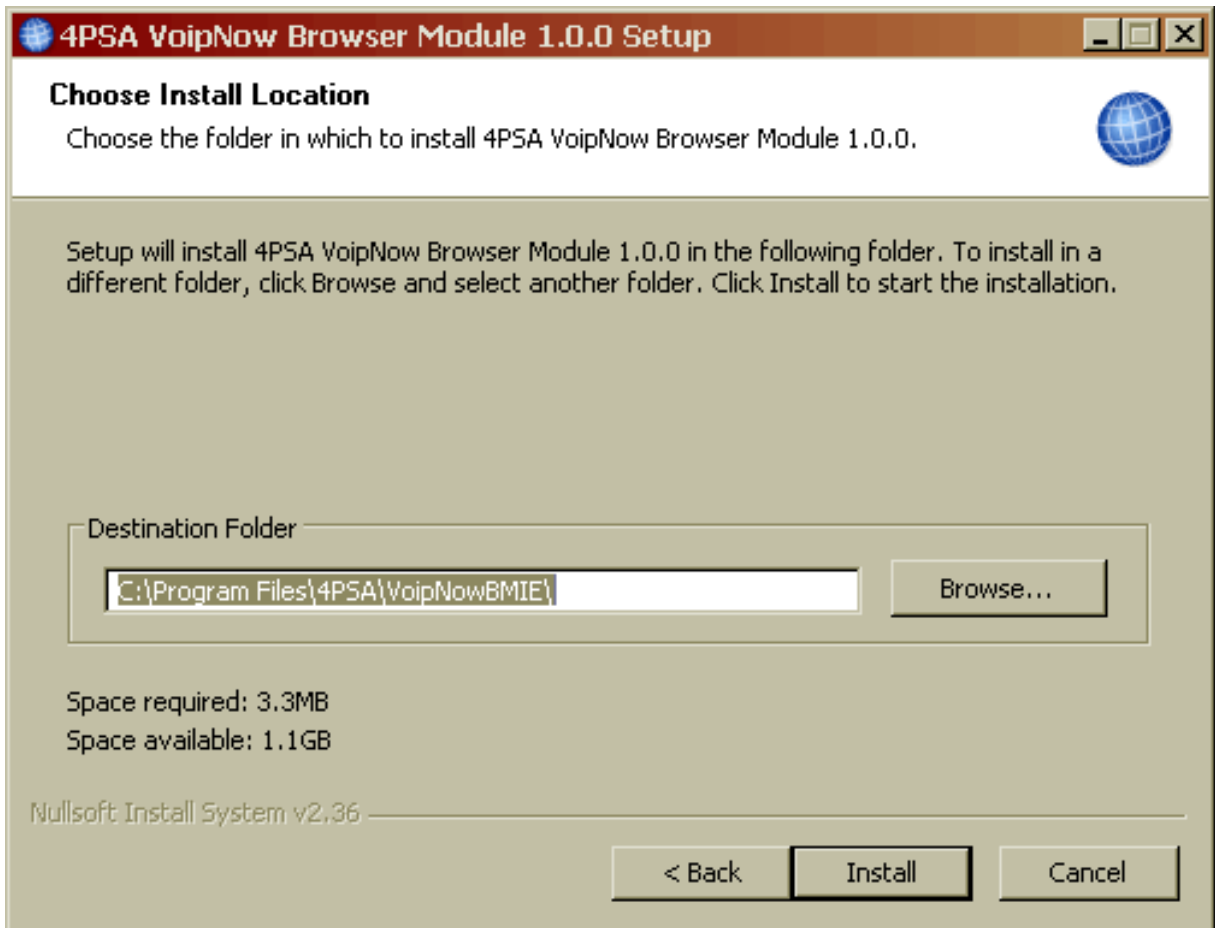
Figure 2.2. The License Agreement



Click I Agree > to proceed.

3. Next, you will have to choose the installation location.

Figure 2.3. Choosing the installation location

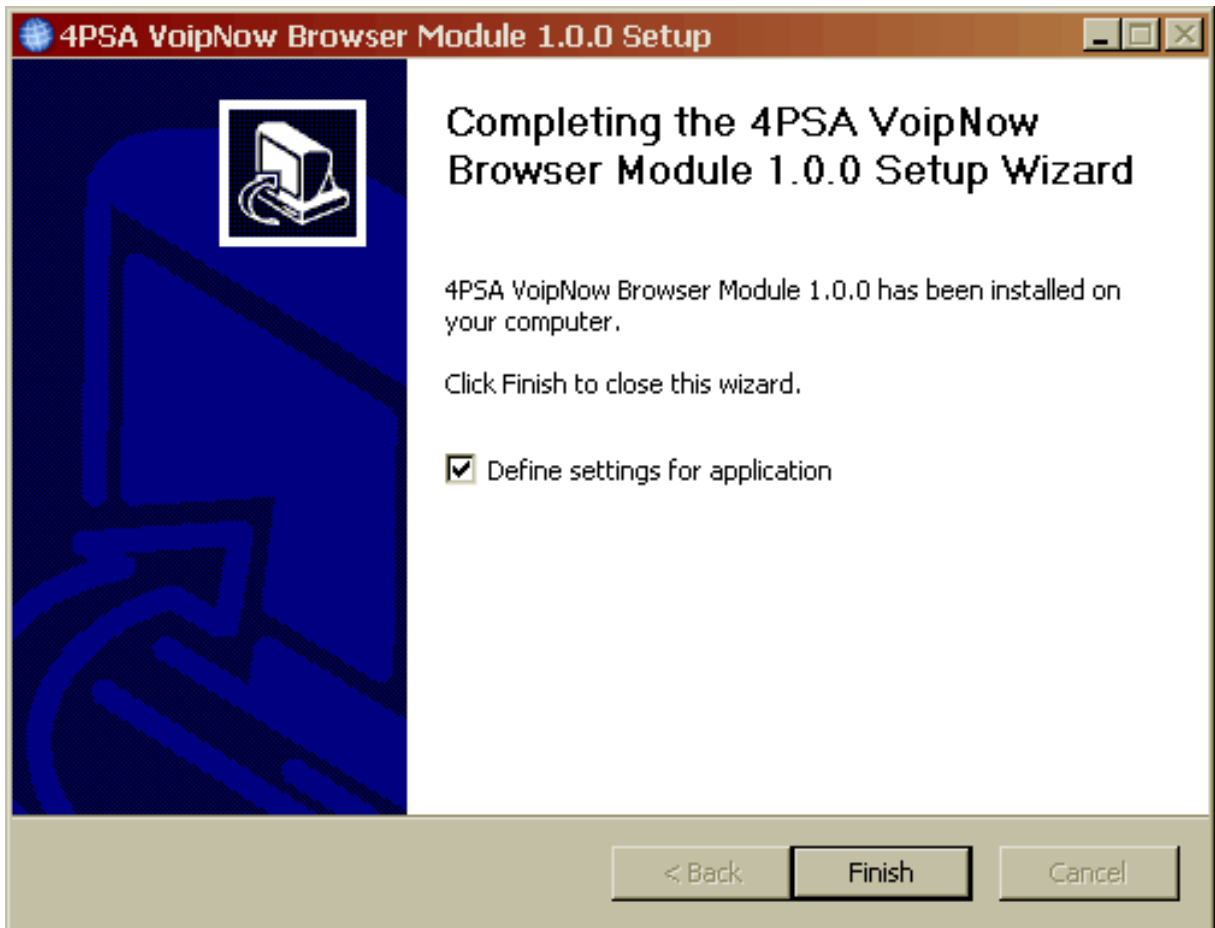


By default, 4PSA VoipNow Browser Module will be installed in the following location `<system drive>:\Program Files\4PSA\VoipNowBMIE`. If you would like to choose another location, enter a new path in the Destination Folder text box or press the Browse button to select the desired folder visually. When you are done, click Install. A window will display, showing how the installation is progressing.

4. Congratulations, you have just installed the 4PSA VoipNow Browser Module.



Figure 2.4. Installation completion



Once the installation is complete, you can choose to configure the application's settings immediately. For this purpose, check the Define settings for application checkbox. If you would like to perform this operation later, leave this option unchecked. The configuration process is described in detail in the [Configuration](#) chapter. When you are done, click Finish to exit the wizard.

The installer will create a new folder in your Start menu called 4PSA > 4PSA VoipNow Browser Module. This folder contains the following shortcuts:

- Help - Opens 4PSA VoipNow Browser Module's documentation
- Settings - This allows you to configure the 4PSA VoipNow Browser Module, as described in the [Configuration](#) chapter
- Uninstall - Uninstalls the 4PSA VoipNow Browser Module from your system

## Chapter 3

# Configuration

In order to configure 4PSA VoipNow Browser Module, from the Start menu, select VoipNow Browser Interface > VoipNow Settings. This will open the software configuration window.

Figure 3.1. The VoipNow Browser Module configuration window

**VoipNow Browser Module 1.0.0.2008.08.19.01**

**Browser module**

Browser module is enabled

In use regular expresion Default

Automatically check for updates  every 3 days

**My VoipNow server account**

Hostname

Call API Username

Call API Password

**My calling preferences**

Set CallerID to

Call my phone for  seconds

Call me to extension



#### Note

4PSA VoipNow Browser Module settings apply to the current Microsoft Windows user only. If there are multiple user accounts set up on your system, each user will have to define own settings.

You can configure the following items:

- Browser module
  - Browser module is enabled - Check this option to activate the Internet Explorer plug-in. Uncheck it to deactivate it.
  - In use regular expression - Indicates the registry settings for the regular expression employed for spotting phone numbers (for more details, see the [How to Modify Phone Number Detection](#) chapter). The available settings are:
    - Default - When no custom regular expression is defined
    - User defined - When a valid custom regular expression is defined
    - Default (invalid user regexp) - When an invalid custom regular expression is defined
  - Automatically check for updates every X days - When checked, select the number of days to establish the time interval between two subsequent updates checks. When updates are available, Internet Explorer will display an alert, indicating where you can download them from.
- My VoipNow server account
  - Hostname - Enter the complete 4PSA VoipNow server URL.
  - Call API Username - Enter the username you use to log in to the 4PSA VoipNow server.
    - Administrators will enter `admin`.
    - Clients will enter their log in username.
    - Extensions will enter their log in username.
  - Call API Password - Enter the password you use to log in to the 4PSA VoipNow server using the Call API.
    - Administrators can setup the Call API password in `PBX > PBX preferences`, in the `Call API preferences` area.
    - Clients can setup the Call API password in `Clients > Client name > Call API`.

- Extensions will enter the phone's authentication password. If no such password is set, extensions will use their log in password.
- Test settings - Click this button to quickly check whether the settings you entered in this section are valid. If so, a "Test successful" message will be displayed.
- My calling preferences
  - Set CallerID to - Enter your Caller ID for calls made using the VoipNow Browser Module.
  - Call my phone for X seconds - Enter for how long will the 4PSA VoipNow server attempt to dial your own phone number.
  - Call me to extension - Enter the extension you would like to use for your phone calls.

When you are done, click Apply to enable your settings. You may have to restart your browser for your changes to take effect.

## Chapter 4

# How to Modify Phone Number Detection

You can customize the regular expression used by the 4PSA VoipNow Browser Module for extracting phone numbers. For this purpose:

1. Click Start > Run.
2. In the window that opens, enter `regedit` in the Open text box and click OK.
3. This will open the Registry Editor. Navigate to the `HKEY_CURRENT_USER\Software\4PSA\VoipNowBMIE\CustomRegExp` key, and double click on it to edit it.
4. Enter the desired regular expression in the Value data field, and click OK to submit. Then, close the Registry Editor.



### Note

This setting has a considerable impact on the 4PSA VoipNow Browser Module's behaviour. Depending on the regular expression you set here, you may affect the 4PSA VoipNow Browser Module so that it may miss some of the phone numbers, or tag content that is not a valid phone number. To be used only by advanced users.

## Chapter 5

# Using the 4PSA VoipNow Browser Module

If you have configured your application properly (see the [Configuration](#) chapter for details), you are ready to take advantage of the 4PSA VoipNow Browser Module features. 4PSA VoipNow Browser Module comes in the form of a Browser Helper Object (BHO). This will convert all telephone numbers displayed on a web page into interactive tags, as described in [Overview](#). When you click a telephone number, 4PSA VoipNow will initiate a phone call to the respective number on your behalf. The status of the call is displayed under the telephone number and is updated in real time, as shown below.

Figure 5.1. Phone call status



### Note

All call requests made from your browser to the 4PSA VoipNow server are encrypted.

## Chapter 6

# Billing Rules

The phone calls performed using the 4PSA VoipNow Browser Module are regular 4PSA VoipNow calls where you are the caller and the number you click in your browser is the called party. For this reason, depending on your 4PSA VoipNow account settings, you will be charged for the call, based on the extension's specific routing, screening and billing rules.

## Chapter 7

# Compatibility

This software is compatible with all Microsoft Windows versions newer than Microsoft Windows 2000, including all editions of Microsoft Windows Vista.