

# Readme – Redirection for CITRIX

## SpeechMike Citrix Extension V1.0 (Driver & Utility Software V2.3) (October 2005)

The purpose of this package is to overcome the limitations of the audio redirection implemented in Citrix Metaframe Version 3.0, in order to improve the usability of SpeechMikes and foot controls in a Citrix environment. The improvements are effective for the Citrix ICA protocol only. Terminal sessions using the RDP protocol are not covered.

The following issues have been addressed:

- Reaction time in case of playback stop
- Mixer re-direction
- Sound data bandwidth consumption - now supporting SpeechExec-compatible audio formats (currently PCM only)

This release aims at providing the functionality up-front. It is part of the latest release of Driver & Utility Software V2.3.

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### CITRIX Installation

**Important note for Beta users:** The beta version must be uninstalled before installing the release version!

The audio re-direction requires making changes to the Citrix Metaframe Presentation Server and to all clients where SpeechMike or foot control drivers will be used. For this purpose the solution is shipped with two setup directories:

- Server- This setup should be applied to the server.
- Client- This setup should be applied to the clients.

#### 3. Download the CITRIX drivers from the Internet

1. Download the CITRIX drivers from the Philips Dictation Systems Service Site. Download Link:  
<http://www.dictation.philips.com/index.php?id=1446>
2. Double click the self-extracting exe file and select the destination path. The file will extract into two folders:  
SE41B170CitrixExtension10\_Client  
SE41B170CitrixExtension10\_Server
4. **Installation on the Citrix Metaframe Presentation Server**

- Hardware Requirements

Hardware requirements are defined by the applications running on the server. Please refer to the documentation of these applications.

- Software Requirements

Citrix Metaframe Presentation Server must be installed. Currently only version 3.0 is supported. Citrix Presentation Server is certified to run on Microsoft Windows Server 2003 and Windows 2000 Server. Philips software has no additional OS requirements.

To install the drivers on the server, do the following:

1. Go to to the folder: SE41B170CitrixExtension10\_Server
2. Double-click the setup.exe file.

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## 2. **Installation on a Citrix client**

- Hardware Requirements

PC or thin client capable of hosting one of the supported operating systems.  
Soundblaster compatible sound card unless an USB audio device is used.

- Software requirements

One of the following operating systems:

Microsoft Windows 2000  
Microsoft Windows XP  
Microsoft Windows XP Embedded

**Note:** Citrix client must be installed. For support of Philips devices like for example SpeechMike, Citrix client version 8 is required (support for button re-direction).

To install the drivers on the client, do the following:

1. Go to the folder : SE41B170CitrixExtension10\_Client
2. Double-click the setup.exe file.

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### 3. **Redistribution setup**

For installing the packages in an automated way, e.g. from another setup, do the following:

- First you have to get the setup files by opening the self extracting packages as described above
- Then you can include the setup file in your own package and install them by executing the following command line:

```
Setup.exe /S /v /qn /I [PSP6174_DRIVER="YES"] [PSP6164_DRIVER="YES"]  
[PSP6274_DRIVER="YES"] [PSP6220_DRIVER="YES"]  
[PSP0210_DRIVER="YES"]
```

The optional arguments will install the drivers for the given device.

### 4. **Considerations for installation on thin clients**

The installation on thin clients requires some special considerations. These may vary depending on the manufacturer of the thin client device. The following information is not meant as an installation guide for a specific device, but rather a pointer as to some of the issues you might expect to encounter.

- The device may have an auto-logon which logs on as a normal user. For installation of our components make sure that you log on as Administrator.
- A Citrix client may be already pre-installed. It may be an older version. Make sure that Citrix client version 8 or later is installed.
- If you want to use an USB audio device, make sure that Microsoft USB Audio drivers are installed. Some thin clients do not provide this by default.
- Make sure that the changes are stored persistently. On thin clients, this has to be done explicitly. (The EWF Manager in Windows XPe for example provides the command 'Commit data to volume').

### **Known Issues under CITRIX**

- On the client, only one audio device can be used for playback/recording at a time.  
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[Philips Dictation Systems](#)