

# **CAN-8 VIRTUALAB**

## **Technical Note**

### **Introducing Japanese text in CAN-8 VirtuaLab using an IME**

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# Introducing Japanese Text in CAN-8 VirtuaLab Using an

## IME

This technical note is addressed to users of the CAN-8 VirtuaLab who wish to enter East Asian text (like Japanese) in CAN-8 with an IME. More specifically, it details the steps to follow in order to install and use the Microsoft IME included in Windows 2000 and Windows XP.

Although the Microsoft IME, as well as the font for East Asian languages, are included in the Windows 2000 and Windows XP operating systems, they are not installed by default. It is therefore necessary to follow the installation procedure detailed below in order to use this tool. For Windows versions preceding the above mentioned, The IME must be downloaded from the Microsoft website before proceeding with the installation.

Prior to using an IME with CAN-8 VirtuaLab, you must:

- 1- Add the parameter **WIME=1** in the **[general]** section of the **SV.INI** file created during the software's installation (for more information on how to edit the **SV.INI** file, please refer to the *CAN-8 VirtuaLab online manual*)
- 2- Install an IME on all the workstation that will be running the CAN-8 client software.

### **NB :**

- The use of third party IME is also possible. For information on how to install and /or use this IME, please refer to the software's reference manual provided at the time of purchase.
- This Microsoft IME is proprietary to Microsoft. Any question, comment and/or troubleshooting request other than these provided in this note must therefore be addressed to the Microsoft support desk.
- Japanese Hiragana and Katakana characters can also be typed in CAN-8 using one of the Virtual Keyboards provided with the software. There is no need to edit the SV.INI file, nor is it necessary to install any language font, to use these keyboards.

# Installing And Using Microsoft's Japanese IME in Windows XP.

## Installing Microsoft's Japanese IME in Windows XP

1. Select **Start > Control Panel** then choose the **"Date, time, Language and Regional Options"** icon.

Figure 1



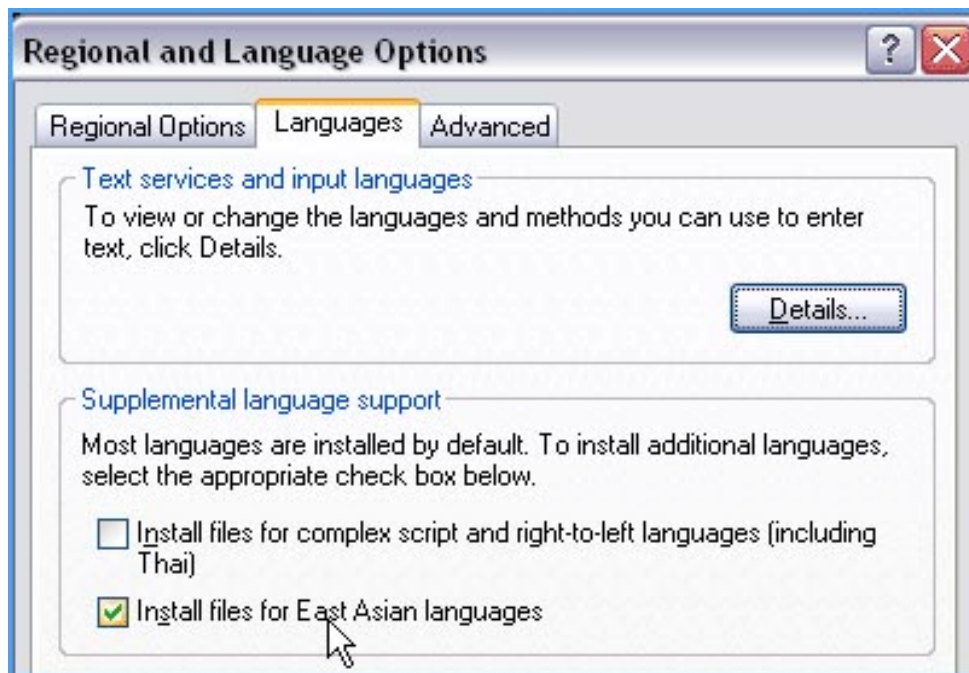
2. Click **"Add Other languages"**

Figure 2



3. You should then see the **"Regional and Language Options"** dialog box as shown below.

Figure 3



4. Select the “**Languages**” tab then click on the "**Install files for East Asian Languages**" check box to install the necessary fonts.

**Figure 4**



Select **OK** to proceed with the installation.

5. Once this done, you'll be asked to reboot:

**Figure 5**



Choose “**Yes**”.

Once the station is re-booted, follow the steps 1 to 3 until you obtain the dialog box illustrated in **Figure 3** :

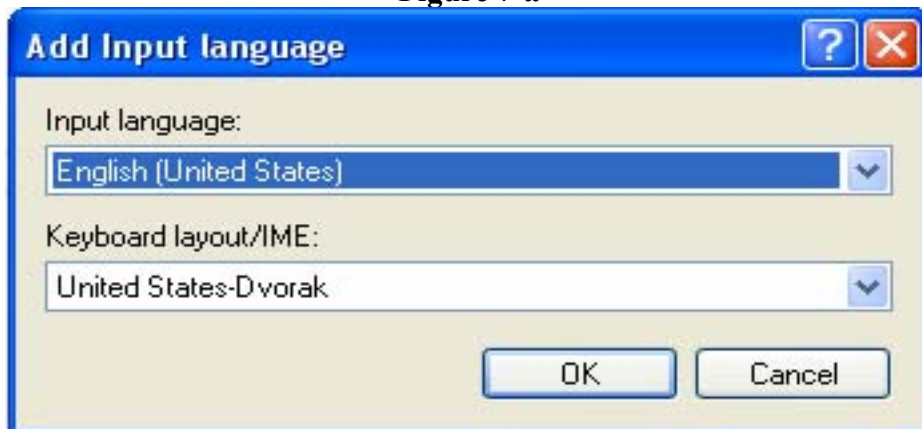
6. In the “Text Services and Input Languages” section, click on the “Details” button. The following dialog box will appear:

**Figure 6**



7. You now need to add the Japanese IME and the Japanese keyboard components.
  - a) Under the **Settings** tab, in the “installed services” section, click on the “Add...” button.

**Figure 7-a**



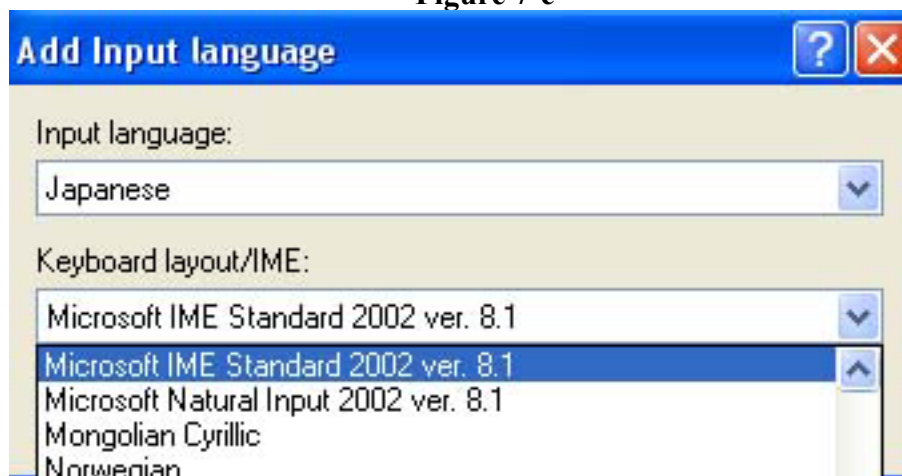
b) In the “**Input Language**” field, choose “**Japanese**”

**Figure 7-b**



c) Under « **Keyboard layout/IME** », choose “**Microsoft IME Standard 2002 ver. 8.1**”. DO NOT select “**Japanese**” in this field or your IME will not behave properly.

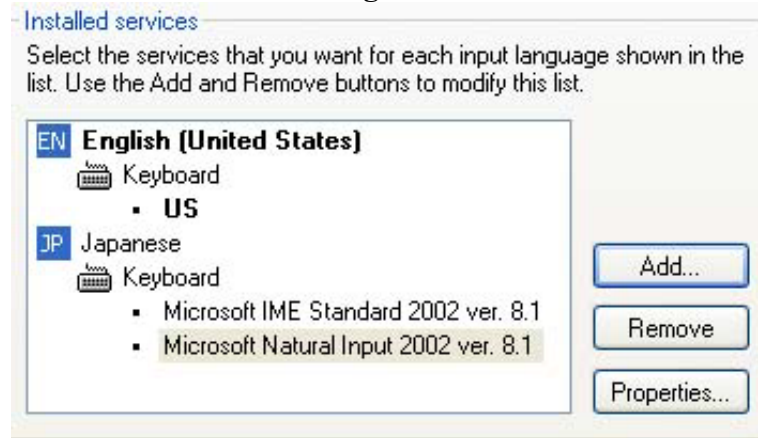
**Figure 7-c**



Press **OK**.

- Under the “**Installed service**”, you should now be able to see a « **Japanese** » entry.

**Figure 8**



Select **APPLY** then **OK** .

Reboot your system if prompted to.

### Using Microsoft’s Japanese IME in Windows XP

- Your IME is now installed and ready to use. The IME icon should be visible in the Windows Task Bar:

**Figure 9**



- Open a CAN-8 session. Enter the Planner of your choice, then point to **Options > Keyboards >** and select **Kanji**. Type in the item code and item title, then press the “**Record**” button to enter the Recorder. The CAN-8 IME interface will appear above the Recorder’s interface. It only differs from the regular recorder interface with the **(IME)** window caption before **SV Recorder** in the left corner of the task bar as illustrated in **Figure 10**

**Figure 10**



If this task bar does not display, verify that :

- The **WIME=1** parameter has been added to the **SV.INI** file.
- You have selected the **Kanji** keyboard.

11. In your desktop task bar, click on the IME icon and select « **JP** ».

**Figure 11**



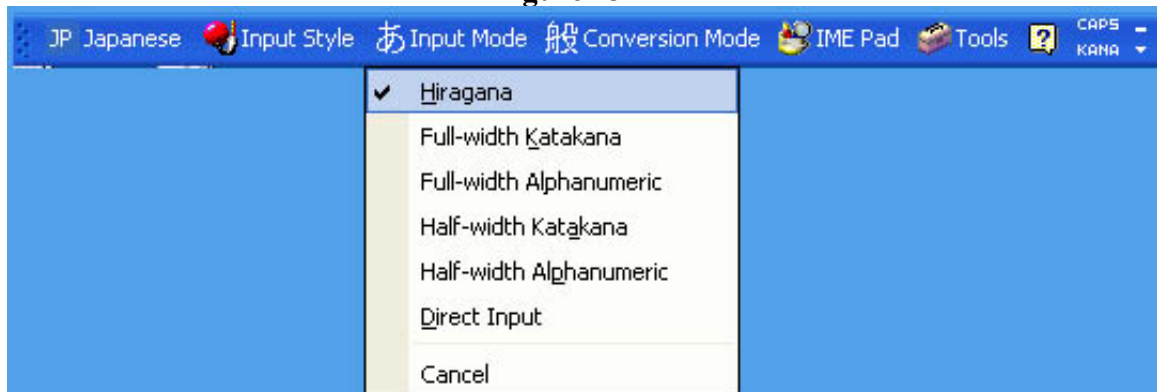
12. If the IME bar does not display totally, select « **Show the Language Bar** » (see **Figure 11**). The IME bar will then display as below:

**Figure 12**



13. Click on “**Input mode**” and change the mode from « **direct input** » to « **Hiragana** » :

**Figure 13**



14. Type « *HIRAGANA* » on your keyboard. The equivalent in Hiragana will appear in a box located on the top left corner of the Recorder:

**Figure 14**



15. Press « **Enter** » on your keyboard to accept these characters into the CAN-8 interface.

**Figure 15**



If the results you obtained are similar to the one in **Figure 15**, your IME has been installed properly and you may proceed with editing your lesson.  
If instead the recorder displays a suite of question marks (i.e:???? ), Reboot your system and start from step 10.  
If you still don't obtain the desired result, you have to take the installation of your IME again from step 1.

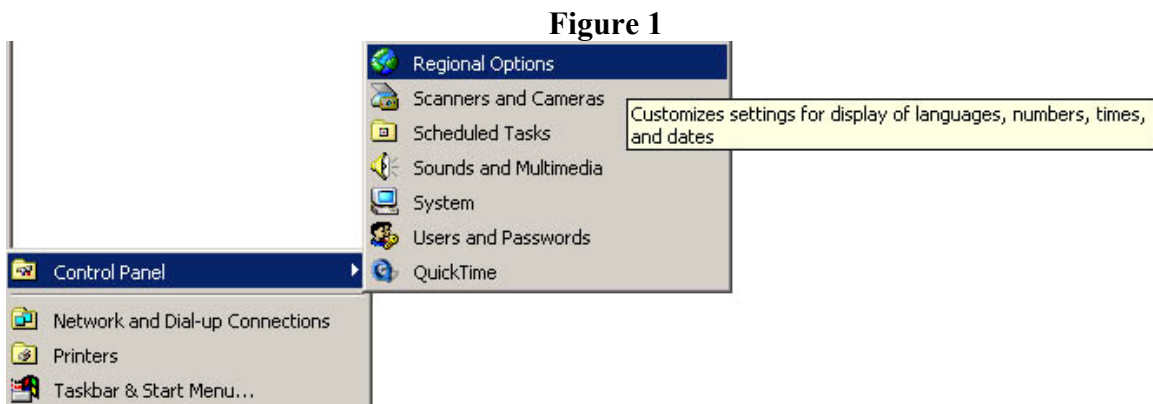
**NOTE:** To type Japanese characters into the Recorder using the IME, the Recorder's IME task bar (**Figure 10**) must be active. Clicking on the Windows desktop or on another application's interface will deactivate this IME bar. Make sure to click on the bar to reactivate it before typing in CAN-8.

# Installing And Using Microsoft's Japanese IME in Windows 2000.

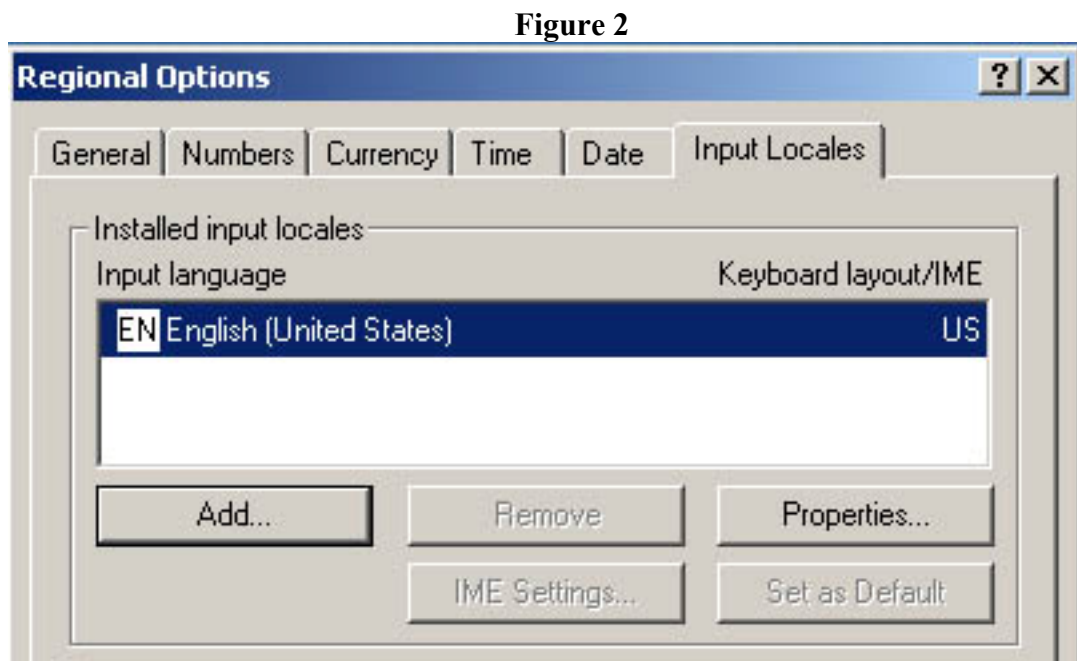
## Installing Microsoft's Japanese IME in Windows 2000

Have your Windows 2000 installation CD available as you might be required to provide it during the IME installation.

1-Point to Start > Settings > Control Panel then choose the “ Regional Options” icon.

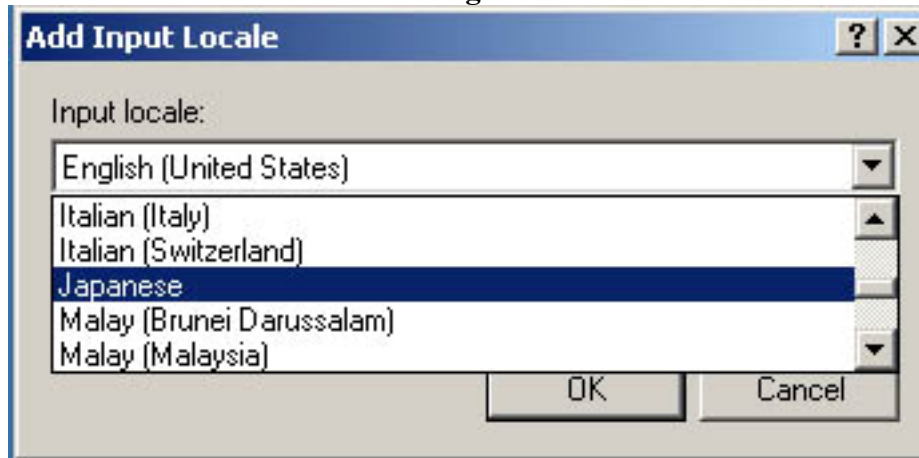


2-Under the “**Input locales**” tab, in the “**Installed Input Locales**” section, press on the “**Add...**” button.



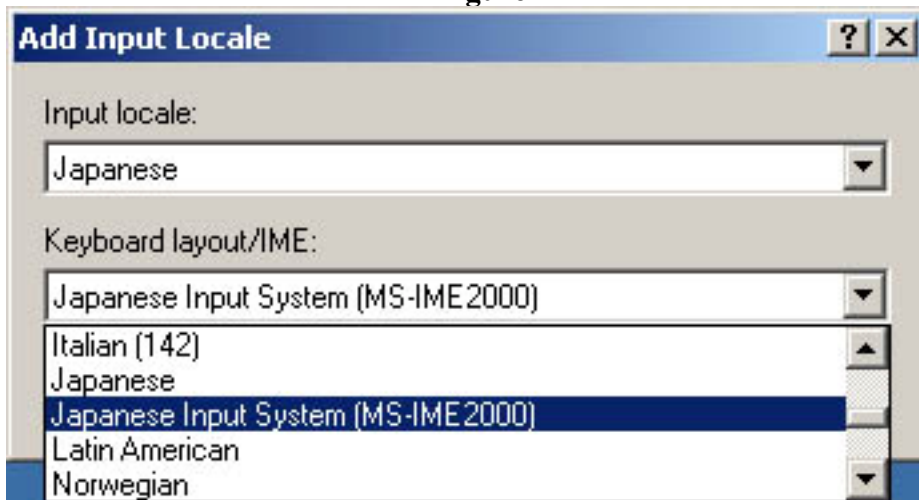
3-Scroll down the “**Input Locale**” field and locate “**Japanese**”. Click on it.

**Figure 3**



4-In the “**Keyboard Layout/IME**” field, scroll down and select “**Japanese Input System (MS-IME2000)**”. Do NOT select “**Japanese**” or your IME will not work properly.

**Figure 4**



Press “**OK**”.

5- The Japanese IME icon should show in the “**Installed Input Locales**” section.

**Figure 5**



6- Press “**Apply**” then “**OK**”. You will be required to reboot your system for the new settings to apply.

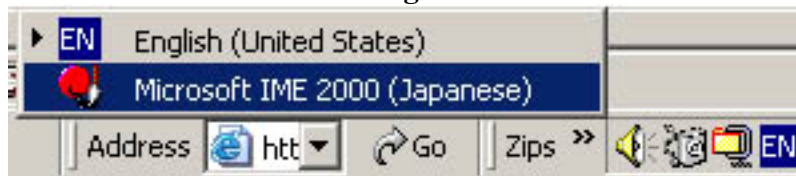
7- After rebooting, you will see the IME icon in your Windows task bar:

**Figure 6**



8- Point to this icon and switch to the Japanese Ime by clicking on the Japanese IME icon:

**Figure 7**



### **Using Microsoft’s Japanese IME in Windows XP**

9- Your IME is now installed and ready to be used with CAN-8 VirtualLab. Please refer to Step 10 of the previous section (*Installing And Using the Microsoft IME with CAN-8 for Windows XP*) for detailed information on how to use your IME with CAN-8.