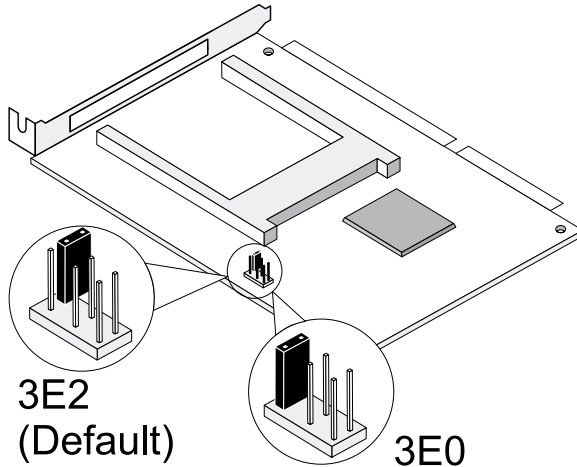# Avaya Wireless ISA Adapter

The Avaya Wireless ISA Adapter, is a standard "PC Card to ISA bus" adapter that you can use to install Avaya Wireless PC Cards into computer devices that do not have a factory-installed PC Card slot.

The Avaya Wireless ISA Adapter supports two I/O addresses:
- 3E0-3E1
- 3E2-3E3 (factory-set default)

For most computers you do not need to change the factory-set strapping of the jumper (shown below) that determines the I/O address.

3E2
(Default)

3E0

⇒ NOTE:
> The Avaya Wireless ISA Adapter was especially designed for Avaya Wireless PC Cards. Although the adapter will support most standard Type II PC Cards as well, using this adapter in combination with other PC Cards is not supported.

Insert the Adapter

Unpack the Avaya Wireless ISA Adapter kit and verify that all items are present:

- Avaya Wireless ISA Adapter.
- Instruction flyer (this document).

If any of the items described appear to be damaged or missing, please contact your supplier.

⚠ DANGER:
> *Carefully follow the instructions below. Failing to do so may lead to an electric shock and cause damage to your computer and adapter.*

1. Switch off the power of your computer and of all external devices connected to your computer.
2. Disconnect the power cords from your computer and its external devices from the mains sockets.
3. Remove the top cover of your computer, according to the instructions in the user's guide that came with your computer.
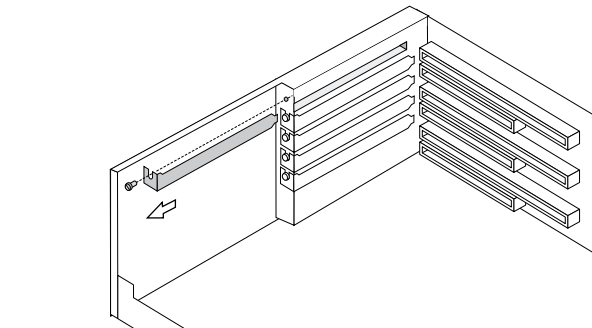
4. Select an available slot for your adapter and remove the metal filler strip (as pictured above). Keep the screw for fixing the adapter later.
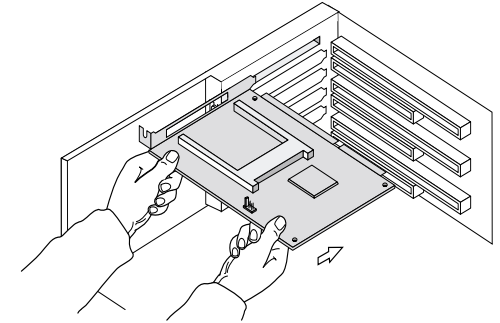
⚠ CAUTION:
> Electrostatic discharge may cause damage to your computer and/or ISA Adapter. To avoid damage, first touch the metal chassis of your computer before you:
> a. Remove the ISA Adapter from its anti-static bag.
> b. Insert the ISA Adapter into the computer.

5. Gently insert the connector of the ISA Adapter into the slot (as shown below) until it is properly seated.

6. Secure the ISA Adapter into place with the screw that you removed in step 4.
7. Put the computer cover back into place according to the instructions in the user's guide that came with your computer.
8. Reconnect all the external devices to your computer.
9. Re-insert the power cords and connect them to the mains sockets.
10. Switch on the power of your computer.
11. Start-up your computer.

Introduce the ISA Adapter to your computer

The Avaya Wireless ISA Adapter does not support "Plug & Play". This means that after inserting the adapter into your computer, you must "introduce" it to the operating system of your computer.

For MS-Windows 95, 98, 2000 and NT 4.0, follow the instructions as described in this flyer.
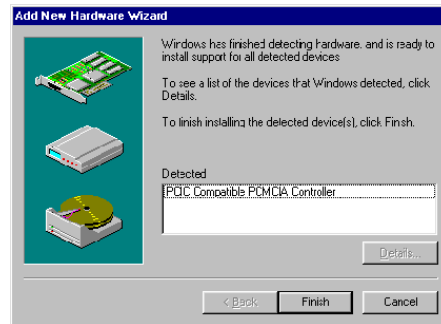
Microsoft Windows 95, 98 and 2000

Follow these steps to introduce the Avaya Wireless ISA Adapter to the operating system of your computer:

1. From the Windows taskbar, click the **Start** button, select **Settings** and then select the item **Control Panel**.
2. On the **Control Panel**, double-click on the **Add New Hardware** icon. Your operating system will start the "New Hardware Wizard
    Select **Yes** to allow the Windows operating system to detect any new hardware and
4. Click the **Next** button.

    The hardware detection process may take several minutes. When finished, your Windows operating system will typically display a screen as shown below.


5. Select the item **PCIC Compatible Controller** and click the **Finish** button.

    This will launch the **PC Card Wizard**.
6. Follow the instructions of the **PC Card Wizard**.
7. Proceed with inserting the Avaya Wireless   PC Card, as described in the Quick Installation Guide that came with your PC Card.

Microsoft Windows NT v4.0

Follow these steps to allow the Windows NT operating system to detect PC Cards in the PC Card slot of the Avaya Wireless ISA Adapter:

1. From the Windows taskbar, click the **Start** button, select **Settings** and then select the item **Control Panel**.
2. Double-click on the **Devices** icon. The **Devices** window opens.
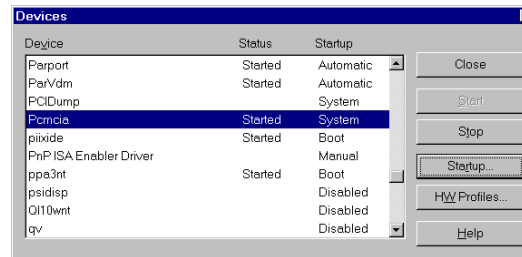
3. Scroll down the list of devices, and select the item **PCMCIA**.
4. Click the **Startup** button and set the Startup type to **Boot**.
5. Click **OK** to confirm and to return to the **Devices** window.
6. Click the **Close** button to return to the Control Panel.
7. Shut down your computer and proceed with inserting the Avaya Wireless   PC Card, as described in the Quick Installation Guide that came with your PC Card.

NOTE:
You can find the most recent Avaya Wireless software and documentation on the Avaya Wireless Internet site.
URL: **http://www.avaya.com**

Technical Specifications

Mechanical Specification		
Dimensions	Length:	170 mm
	Width:	100 mm
PC Card Slot	■ Single slot for Type II PC Card ■ No ejector	

Electrical Specifications	
PC Card bus	16 bit, 5V only[a]
ISA bus	ISA Bus (half-size AT)[b]
Chipset	Vadem 469 (Intel 82365 PCIC Compatible)
I/O Address	■ 3E2 - 3E3 (default) ■ 3E0 - 3E1
Power Consumption	■ 5 V 1200 mA

Temperature & Humidity	
Operation	0° to 55° C
Transit	-20° to 70° C
Storage	-10° to 60° C
Humidity	Maximum 95 %, no condensation allowed.

Compatibility		
Operating System	■ MS-Windows 95/98 ■ MS-Windows NT 4.0 ■ MS-Windows 2000 ■ MS-DOS [c]	
PC Card	■ All Avaya CommunicationsWaveLAN/IEEE PC Cards ■ All Avaya CommunicationsAvaya Wireless PC Cards ■ Hot Swapping supported, subject to type of operating system	
EMC Compliance	USA	FCC CFR47 Part 15-B, Class B
	Europe	■ 89/336/EEC, EMC directive including CE Mark ■ EN 55022, Class B (Emissions) ■ EN 50082-1 (Immunity)
	Japan	VCCI Standard, Class 2 (Emissions)
Product Safety	USA	UL1950, UL Listed
	Europe	EN60950
	Other	IEC 950

a. Compliant to R2 PC Card interface defined in the 1995 PC Card Standard
b. Compliant with the Intel 82365SL Socket Controller Specification.
c. In combination with dedicated Card Access Driver (WaveCAD).

Regulatory Information
USA – Federal Communications Commission (FCC)
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

Information to the user
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:
■ Reorient or relocate the receiving antenna.
■ Increase the distance between the equipment and the receiver.
■ Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
■ Consult the dealer or an experienced radio/TV technician for help

Canada – Industry Canada (IC)
This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations
Cet appareil de la class B respecte toutes les exigences du Reglement sur le materiel brouiller du Canada

Europe - EC Declaration of Conformity
This device complies with Low Voltage Directive 73/23/EEC and EMC Directive 89/336/EEC