

**IMPORTANT:** Before proceeding with the upgrade, disconnect all external hardware devices, including PC Cards etc

**Note:** Before proceeding, ensure that the VAIO computer is operated using the supplied AC adapter.

**Note:** Save all data/files and close all running programs

Please note that when installing either of the Windows XP versions, users may no longer have access to some preinstalled software or will not be able to use some of preinstalled functions. Below are the functions that are confirmed to be unusable once users downgrade to Windows XP on VGN-CS1 Series:

1. Plug and Display function does not work.
2. Fn+F9/F10 (Zoom in/Zoom out) function key can not be worked.
3. Capture button can not be used.
4. AV Mode button can not be used.
5. Hard disk Drive protection function can not be used.
6. Some contents in Bluetooth Utility help file are not correct.
7. There is no manual of how to use XP.
8. Sounds is not outputted when playback DVD title in Dolby Digital. Sounds by Windows Media Player.
9. BD drive is unsupported.
10. Bluetooth GPS Unit does not work.

#### *Windows XP Drivers for VGN-CS1 Series*

#### **SATA driver**

1. Find one external floppy disk drive and connect with the unit.
2. Insert a blank formatted floppy disk into the external floppy disk drive, and unzip the downloaded zip file.
3. Copy these 6 unzip files to the blank formatted floppy disk.
4. Start the Microsoft® Windows® Operating System setup by booting from the installation CD.
5. At the beginning of the Operating System setup, press the F6 key to install a third-party SATA or RAID driver.
6. When prompted, insert the floppy disk with the SATA driver files.
7. After reading the floppy disk, the SATA Controller will be presented. Select this driver to install (Please click **PgUP** button to choose **Intel ICH9M-E/M SATA AHCI Controller** option). Finish the Windows® Operating System installation and install all necessary drivers.

#### **SATA Register**

1. Download the **SATA-Register.reg** file to a temporary or download directory (please note this directory for reference).
  2. Go to the directory where the file was downloaded and double-click the **SATA-Register.reg** file to begin the installation.
  3. Follow the installation wizard that appears.
  4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.
- NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.
5. When the installation finishes, please restart the computer if needed.

### **Chipset Software Installation Utility**

1. Download the **Chipset.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Chipset.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Intel Graphics Driver**

Please double check whether the current display device is **Intel** Graphics? If it is please download and install this driver, if it is **NVIDIA** Graphics you can skip this driver.

1. Download the **Graphics-Intel.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Graphics-Intel.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **NVIDIA Graphics Driver**

Please double check whether the current display device is **NVIDIA** Graphics? If it is please download and install this driver, if it is **Intel** Graphics you can skip this driver.

1. Download the **Graphics-NVIDIA.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Graphics-NVIDIA.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **KB835221**

If using bundle XP installation disc to change the current OS to Windows XP Pro(Only preinstalled Windows Vista Business unit will bundle this disc), you can skip to install this driver.

1. Download the **KB835221.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **KB835221.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with

the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

#### **Audio driver**

1. Download the **Audio.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **Audio.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

#### **Modem driver**

1. Download the **Modem.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **Modem.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

#### **Alps Pointing device for VAIO**

1. Download the **Pointing.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **Pointing.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

#### **Marvell Network driver**

1. Download the **LAN-Driver.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **LAN-Driver.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Memory Stick driver**

1. Download the **MS-Driver.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **MS-Driver.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Memory Stick Icon**

1. Download the **MSIcon.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **MSIcon.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **SD Driver**

1. Download the **SD-Driver.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **SD-Driver.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Sony NC Device**

1. Download the **SonyNC.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **SonyNC.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the

installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Camera Driver**

1. Download the **Camera.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **Camera.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Fingerprint driver**

1. Download the **Fingerprinter.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **Fingerprinter.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Bluetooth Driver**

1. Download the **Bluetooth.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **Bluetooth.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Atheros Wireless LAN driver**

Please double check whether the current wireless device is Atheros Wireless LAN? If it is please download and install this driver, if it is Intel Wireless LAN device you can skip this driver.

1. Execute **Wireless- Atheros.EXE**.

2. Follow the installation wizard that appears.

3. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE:

Several setup boxes may briefly appear during the installation. Follow the installation

wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Intel Wireless LAN driver**

Please double check whether the current wireless device is Intel Wireless LAN? If it is please download and install this driver, if it is Atheros Wireless LAN device you can skip this driver.

1. Execute **Wireless-Intel.EXE**.
2. Follow the installation wizard that appears.
3. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE:

Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

4. When the installation finishes, please restart the computer if needed.

### *Windows XP Applications for VGN-CS1 Series*

#### **Sony Shared Library**

1. Download the **Sony\_Shared\_Library.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Sony\_Shared\_Library.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

#### **Sony Utilities DLL**

1. Download the **Sony\_Utilities\_DLL.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Sony\_Utilities\_DLL.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

#### **Setting Utility Series**

1. Download the **Setting\_Utility\_Series.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Setting\_Utility\_Series.EXE** file to begin the installation.
3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **VAIO Event Service**

1. Download the **VAIO\_Event\_Service.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the

**VAIO\_Event\_Service.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **VAIO Control Center**

1. Download the **VAIO\_Control\_Center.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the

**VAIO\_Control\_Center.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Battery Checker**

1. Download the **Battery-Checker.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the

**Battery-Checker.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **FrameWork 1.1**

1. Download the **FrameWork 1.ZIP** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and unzip the **FrameWork 1.ZIP** file to begin the installation.

3. Please double-click the **SETUP.EXE** file which you unzipped.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the

installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **FrameWork 2.0**

1. Download the **FrameWork 2.ZIP** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and unzip the **FrameWork2.ZIP** file to begin the installation.

3. Please double-click the **dotnetfx .EXE** file which you unzipped.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Battery Care**

1. Download the **Battery\_Care.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **Battery\_Care.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **VAIO Power Management**

1. Download the **VAIO\_Power\_Management.EXE** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **VAIO\_Power\_Management.EXE** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Suite QL**

1. Download the **SuiteQL-AP.exe** file to a temporary or download directory (please note this directory for reference).

2. Go to the directory where the file was downloaded and double-click the **SuiteQL-AP.exe** file to begin the installation.

3. Follow the installation wizard that appears.

4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **VAIO Update**

1. Download the **VAIO\_Update.exe** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **VAIO\_Update.exe** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.

### **Wireless Switch Setting Utility**

1. Download the **Wireless\_Switch\_Setting\_Utility.EXE** file to a temporary or download directory (please note this directory for reference).
2. Go to the directory where the file was downloaded and double-click the **Wireless\_Switch\_Setting\_Utility.EXE** file to begin the installation.
3. Follow the installation wizard that appears.
4. At the License Agreement dialog, read the agreement. Click I Agree to continue with the installation.

NOTE: Several setup boxes may briefly appear during the installation. Follow the installation wizard that appears.

5. When the installation finishes, please restart the computer if needed.