

CS3000-11

# **KODAK Dental Imaging Software**

## **Installation Guide**

# Notice

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U.S. Federal law restricts the Kodak 8000 digital panoramic unit, the Kodak 8000C digital panoramic and cephalometric unit, the Kodak RVG 6000 sensor, the Kodak RVG 6100 sensor, the Trophy RVGui sensor, the Kodak 1500 Intraoral unit, the Kodak 2000 intraoral x-ray unit, and the Kodak 9000 unit to sale by or on the order of a dentist or physician.

Manual Name: *KODAK Dental Imaging Software Installation Guide*  
Part Number: CS3000  
Revision Number: 11  
Print Date: July 2009

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# Installing the KODAK Dental Imaging Software

This guide describes the process for installing Kodak dental imaging software and for upgrading existing versions of Kodak dental imaging software to this version and includes the following topics:

- [Accessing This Guide Electronically on page 1](#)
- [Related Documentation on page 2](#)
- [Mapping a Network Drive on page 2](#)
- [Backing Up Data on page 2](#)
- [Modifying MICROSOFT WINDOWS Operating System Settings on page 2](#)
- [Marking and Labeling Symbols on page 3](#)
- [Installing and Registering the KODAK Dental Imaging Software on page 5](#)
- [Upgrading the Software on page 10](#)
- [Installing the KODAK Digital Imaging Transfer Module on page 11](#)
- [Installing Hardware on page 12](#)
- [Installing Hardware on page 12](#)

Read this document carefully before installing the new software. Read this document carefully before installing the new software.

## Accessing This Guide Electronically

When you install Kodak dental imaging software, electronic versions of this guide and other related documentation are installed on your computer.



**Important:** Each time you install a software update, the contents of the online documentation folder are deleted and replaced with the latest versions of online documentation. Do not store important files in this folder.

To access these electronic documents, follow these steps:

- 1 On the Microsoft Windows taskbar, click **Start**.
- 2 Select **Programs > Kodak Dental Imaging > Online Documentation**.
- 3 Select a document from the drop-down list.

The electronic documents are in PDF file format and can be opened with Adobe Reader software. If Adobe Reader software is not installed on your computer, follow these steps:

- 1 On the Microsoft Windows taskbar, click **Start**.
- 2 Select **Programs > Kodak Dental Imaging > Online Documentation > Install Acrobat Reader**.

Follow the onscreen instructions to install the software. Before installing the Kodak dental imaging software, make sure that each computer in your network meets the minimum system requirements. For information about system requirements, see the System Requirements documentation shipped with your software.

## Related Documentation

See the following documentation for more information:

KODAK Dental Imaging Software Online Help

KODAK Digital Imaging System Hardware Installation Guide (CS3200)

KODAK Dental Imaging Initial Training Workbook (CS3155)

## Mapping a Network Drive

Share the server's hard drive and map a drive on each workstation running the software to the drive. For information about sharing and mapping drives and folders, see the documentation and online Help provided with your Microsoft Windows operating system.

To access the Windows online Help system, select **Start > Help** from the Windows taskbar.

## Backing Up Data

Before you install the Kodak dental imaging software, you should back up your data. For information about backing up your data, see the documentation provided by your backup media vendor.

## Modifying MICROSOFT WINDOWS Operating System Settings

To ensure continuous functionality of your hardware devices, modify the following Microsoft Windows software settings:

- Power management mode
- Screen saver time-out setting

### Disabling Power Management Mode

To disable power management mode, follow these steps:

- 1 Click **Start > Control Panel**. The **Control Panel** window is displayed. Make sure that you are in **Classic View** in the **Control Panel** window.



Depending on your settings, you might select **Start > Settings > Control Panel**.

- 2 Double-click the **System** icon.
- 3 On the **Hardware** tab, click the **Device Manager** button.
- 4 Click the plus sign to expand the **Universal Serial Bus controllers** group.
- 5 Ensure that there is a **USB 2.0 Host Controller** or **USB Enhanced Host Controller** listed. If none are listed, you need to acquire the Adaptec PCI to USB 2.0 card.
- 6 Double-click on the first **USB Root Hub**.

- 7 On the **Power Management** tab, deselect **Allow the computer to turn off this device to save power**.
- 8 Click **OK**.
- 9 Repeat steps **5** through **8** for each **USB Root Hub** listed.
- 10 Exit all windows to return to the desktop.

## Modifying Screen Saver Settings



To modify screen saver settings, follow these steps:

- 1 Click **Start > Control Panel**. The **Control Panel** window is displayed.
- 2 Double-click **Display**. The **Display Properties** window is displayed.
- 3 Click the **Screen Saver** tab.
- 4 Set the screen saver **Wait** time to 15 minutes or more.
- 5 Click the **Power** button. The **Power Options Properties** window is displayed.
- 6 On the **Hibernate** tab, deselect **Enable Hibernation** and click **Apply**.
- 7 On the **Power Schemes** tab, select the following settings:
  - **Turn off monitor—15 minutes**
  - **Turn off hard disks—Never**
  - **System standby—Never**
- 8 In the **Display Properties** window, click **Apply**.
- 9 Click **OK** to close the **Power Options** window.
- 10 Exit the **Control Panel** window.



## Marking and Labeling Symbols

Table P-1 describes the applicable marking and labeling symbols. Place these labels and symbols in a visible location on the digital imaging dock or other related equipment.

**Table P-1 Marking and Labeling Symbols**


Image	Label	Description
	<b>Type BF Device</b>	Place in a visible location, preferably on the digital imaging dock or computer connected to the sensor.
	<b>Non-Medical Devices Warning</b>	Non-medical device, auxiliary equipment; risk of electric shock.

**Table P-1 Marking and Labeling Symbols (Continued)**

Image	Label	Description
	<b>Warning: Consult the accompanying document</b>	Use caution and consult the accompanying documents. Accessories that do not meet safety requirements can result in a lower level of safety for the entire system. Use accessories that ensure patient safety and comply with the harmonized standards EN 60 601-1 and EN 60 601-1-1. Install and use the computer and its peripherals consistent with the documentation included with your system.
	<b>Ionizing Radiation</b>	Ionization radiation present. Refer to all documentation supplied with your equipment.

## Using X-Rays Properly

The devices conform to radiological standards to protect against radiation hazards. The design of this system permits the emission of x-rays for medical diagnostic purposes.

 **Note:** PracticeWorks can supply all relevant information and assist you in the initial use of your unit

To ensure proper use of x-rays, use the following precautions:

- Protect against radiation—The room containing your radiology equipment must comply with applicable governmental regulations.
- Prevent hazardous conditions—Observe exposure safety factors and operating instructions.
- Install, operate, and service the unit—Follow the instructions in the documentation provided with your hardware and software.

## Installing and Registering the KODAK Dental Imaging Software

To install the software for the first time, do the following:

- Completing a New Installation on page 5
- Registering the Software on page 7

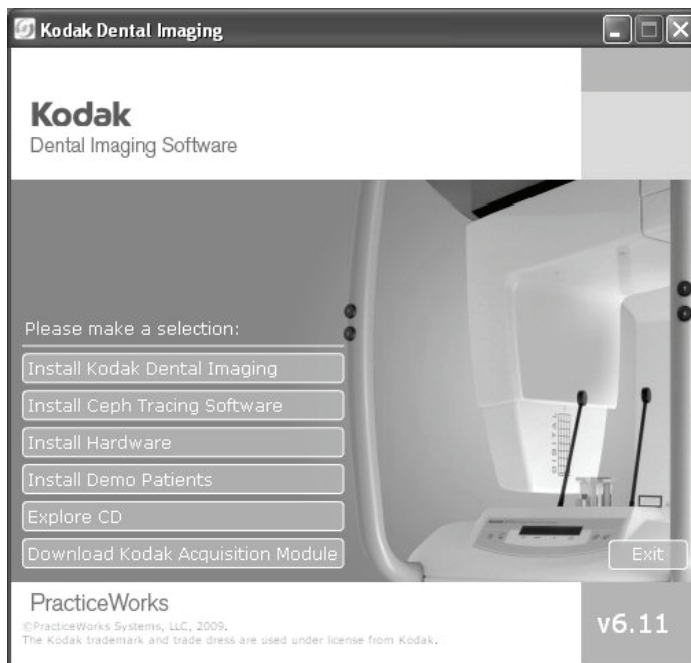
### Completing a New Installation

To install the software on your computer for the first time, follow these steps:

- 1 Log into the computer as the local administrator, insert the Kodak dental imaging software DVD in the DVD drive on your computer. The **Kodak Dental Imaging** install menu is displayed.



**Note:** The windows that are displayed vary based on the hardware and operating system installed on your computer.



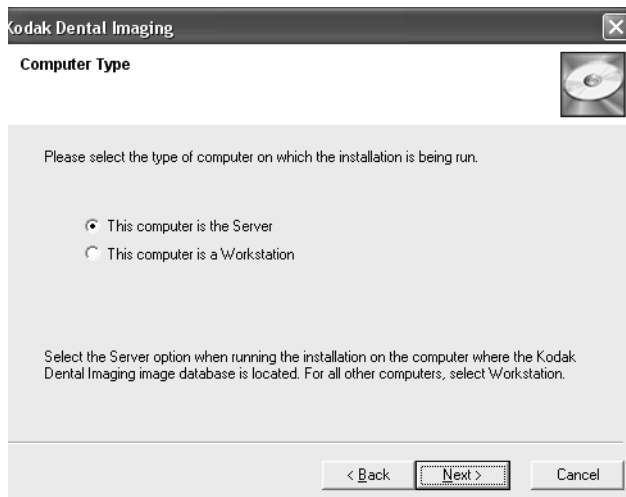
**Figure 1** Kodak Dental Imaging Install Menu

If the Microsoft Vista operating system is installed or the installation wizard does not open automatically, select **Start > Run** from the Microsoft Windows taskbar, and type **D:\KodakDentalImagingInstall**. If your DVD drive is represented by a different letter, substitute that letter for D.



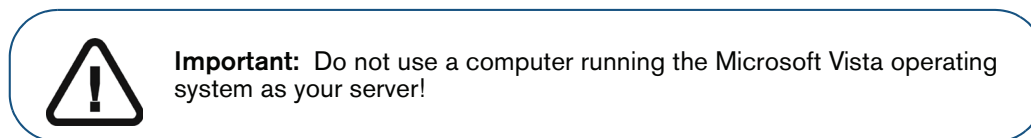
**Important:** For RVG3, RVG4, DigiPan, or STV hardware devices and using a Trophy ISA adapter, contact your sales representative for an upgrade. These devices do not function with the software.

- 2 Click **Install Kodak Dental Imaging** on the **Kodak Dental Imaging** install menu. The **Kodak Dental Imaging** setup window is displayed.
- 3 Read the welcome message, and click **Next**. The **Computer Type** window is displayed.



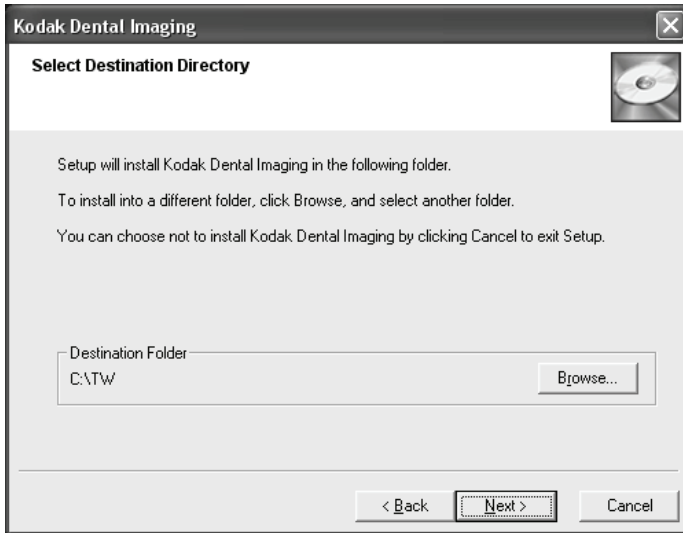
**Figure 2 Computer Type Window**

- 4 Select an option, and click **Next**:
  - If you are installing the software on the computer where the license server is located, select **This computer is the Server**.



- For all other computers, select **This computer is a Workstation**.

The **Select Destination Directory** window is displayed.




**Figure 3 Select Destination Directory Window**

- 5 Accept the default value of **C:\TW** and click **Next**. The **Start Installation** window is displayed.
- 6 Click **Next**, and the setup program installs the Kodak dental imaging software. When the program files are installed, the **Finish** window is displayed.
- 7 Click **Finish**. You the **Kodak Dental Imaging** setup window is displayed.
- 8 Repeat this process on each workstation, and select **This computer is a Workstation** in the **Computer Type** window

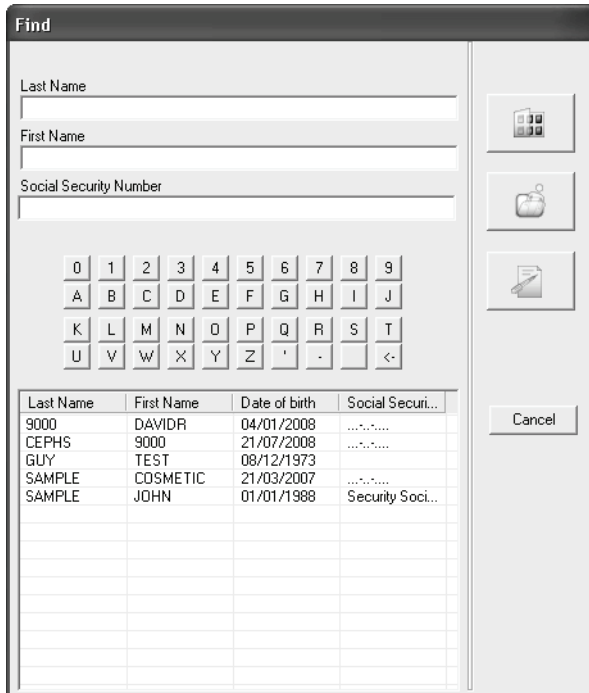
## Registering the Software

To activate the Kodak dental imaging software, follow these steps:

- 1 Click **Start > All Programs > Kodak Dental Imaging > Kodak Dental Imaging**. The **KODAK Dental Imaging Software** patient selection window is displayed.

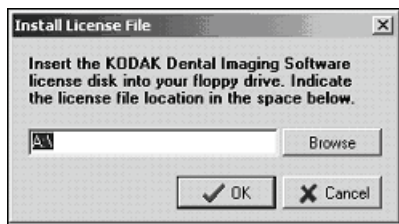
 **Note:** If a database does not exist, a message asking you to create a database is displayed. Click **OK** to create a new patient. To navigate to a database, click **Cancel**, select **Options > Preferences**, and select the database path.

- 2 Click **Patient > Find**. The **Find** window is displayed.



**Figure 4 Find Window**

- 3 Select a patient and click the **Imaging** button. The **Install License File** window is displayed.



**Figure 5 Install License File Window**



**Note:** A license file is required to use the software. To obtain a license, contact a technical support representative

- 4 Insert the license file CD or **Browse** for the license file location, and click **OK**. The **Registration** window is displayed.

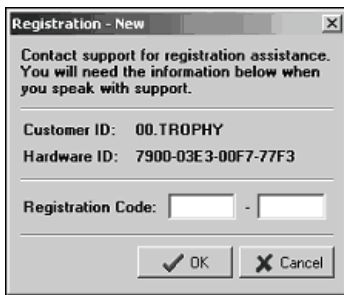
5 Select your preference, and click **OK**:

- To register the software on the Internet, click **Automatically via the Internet** and follow the instructions.



**Note:** If you register via the internet, the registration code is retrieved automatically.

- To register the software over the telephone, select **Contact support by telephone** and call technical support. The second **Registration** window is displayed.



**Figure 6 Registration Window**

6 Enter your **Registration Code** number and click **OK**.

7 If you are unable to register your software at this time, click **Cancel** to launch the application.



**Important:** You have seven days to register the software.

## Upgrading the Software

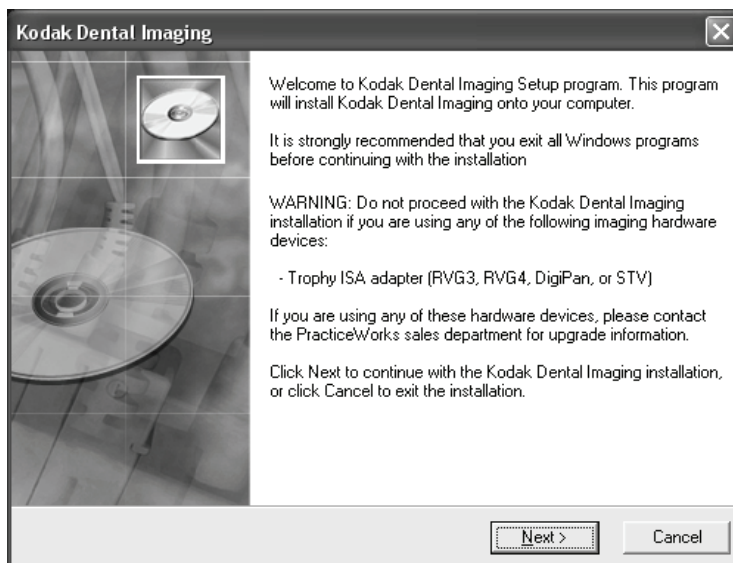


**Important:** For RVG3, RVG4, DigiPan, or STV hardware devices and using a Trophy ISA adapter, contact your sales representative for an upgrade. These devices do not function with the software.

Upgrading from a previous version updates the imaging software and hardware device drivers installed on a workstation.

To upgrade the Kodak dental imaging software, follow these steps:

- 1 On the **Kodak Dental Imaging** install menu, click **Install Kodak Dental Imaging**. See [Figure 1 on page 1–5](#). The **Kodak Dental Imaging** setup window is displayed.



**Figure 7** Kodak Dental Imaging Setup Window

- 2 Click **Next**. The **Computer Type** window is displayed. See [Figure 2 on page 1–6](#).
- 3 Select an option, and click **Next**:
  - If you are installing the software on the computer where the license server is located, select **This computer is the Server**.

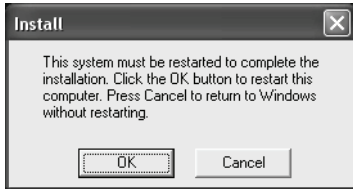


**Important:** Do not use a computer running the Microsoft Vista operating system as your server!

- For all other computers, select **This computer is a Workstation**.

The **Existing Installation Found** window is displayed.

- 4 Click **Next**. The installation process upgrades your system, identifies the hardware devices that are currently installed, and installs the new drivers. The **Start Installation** window is displayed.
- 5 Read the information, click **Next**. The **Installing** window is displayed. When the installation is complete, the **Finish** window is displayed.
- 6 Click **Finish**. The **Restart** window is displayed.



**Figure 8 Restart Window**

- 7 Click **OK**. The computer is restarted.

## Installing the KODAK Digital Imaging Transfer Module



**Important:** Install the Kodak dental imaging software **BEFORE** installing the Kodak dental imaging transfer module.

To install the Kodak digital imaging transfer module on a computer that uses the Microsoft Windows XP operating system or the Microsoft Windows Vista operating system, follow these steps:



**Note:** If the Kodak EasyShare software is installed on your computer, uninstall the software before installing this module.

- 1 On the install menu, click **Install Hardware**. See [Figure 1 on page 1–5](#). The **Imaging Hardware Setup** window is displayed.
- 2 Select the corresponding hardware for your system.
- 3 Click **Install**. The files are installed.
- 4 When prompted to restart your computer, click **Yes**. The computer restarts.
- 5 Repeat this process on each workstation.

## Installing Hardware

To install hardware on a computer that uses the Microsoft Windows XP operating system or the Microsoft Windows Vista operating system, follow the instructions for your hardware device:

- [Installing an RVG Sensor on page 12](#)
- [Installing the KODAK1000 Intraoral Video Camera on page 13](#)
- [Installing a Panoramic and Cephalometric System on page 16](#)
- [Installing the KODAK CR 7400 Digital Radiography System on page 20](#)
- [Installing the KODAK 9000 3D Extraoral Imaging System Software on page 23](#)

### Installing an RVG Sensor

Before installing an RVG 5000/6000/6100 sensor, do the following:

- Disable the power management mode.
- Disable the screen savers and hibernation mode.

See “[Modifying MICROSOFT WINDOWS Operating System Settings](#)” on page 1–2 for more information.

To install the sensor, do the following:

- Connect the Kodak docking station unit.
- Install the sensor hardware drivers.

### Installing the RVG 5000/6000/6100 Sensor Drivers

To install your sensor drivers after connecting the docking station unit, follow these steps:

- 1 On the install menu, click **Install Hardware**. The **Imaging Hardware Setup** window is displayed.



**Figure 9** Imaging Hardware Setup Window

- 2 Select **Kodak RVG 5000/6000/6100**.

**i** **Note:** If you are installing multiple hardware devices, select each option that applies to the devices.

- 3 Click **Install**. A message asks you to wait while configuration is performed. When configuration is complete, the **Windows Security** window is displayed.
- 4 Click **Install this software anyway**. The **Windows Security** window is displayed again.
- 5 Click **Install this software anyway**.
- 6 When the installation is finished, a message prompts you to plug in your device.
- 7 Plug in the sensor and click **OK**.

### Installing the KODAK1000 Intraoral Video Camera

To install the Kodak 1000 intraoral video camera, follow these steps:

- 1 On the install menu, click **Install Hardware**. The **Imaging Hardware Setup** window is displayed.

**i** **Note:** If you are upgrading from a Hauppauge or STV Fusion card, remove or uninstall the associated drivers and adapters.

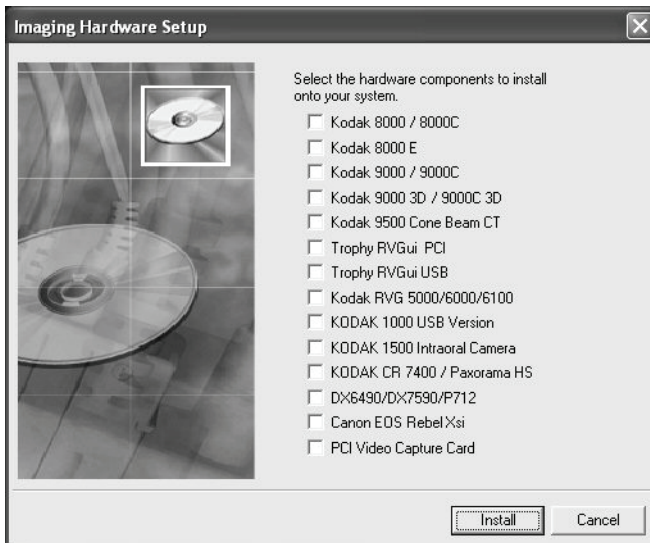




Figure 10 Imaging Hardware Setup Window


- 2 Select **KODAK1000 USB Version**.

 **Note:** If you are installing multiple hardware devices, select each option that applies to the devices.

- 3 Click **Install**. A message asks you to wait while configuration is performed. When configuration is complete, the **Windows Security** window is displayed.

 **Note:** **NTSC** is selected by default. Do not change this option.

- 4 Click **Install this software anyway**. When the installation is finished, a message prompts you to plug in your device.
- 5 Plug in the sensor dock and click **OK**.

 **Note:** Only use the power supply provided with the docking station.

## Installing the KODAK 1500 Intraoral Video Camera

To install the Kodak 1500 intraoral video camera, follow these steps:

- 1 Plug in the sensor dock.
- 2 On the install menu, click **Install Hardware**. The **Imaging Hardware Setup** window is displayed.

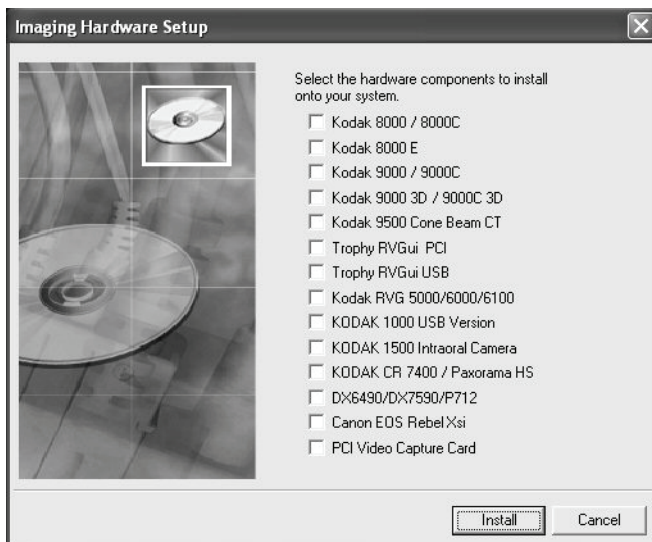


Figure 11 Imaging Hardware Setup Window

- 3 Select **KODAK 1500 Intraoral Camera**.



**Note:** If you are installing multiple hardware devices, select each option that applies to the devices.

- 4 Click **Install**. A message asks you to wait while configuration is performed. When configuration is complete, the **InstallShield Wizard** window is displayed.
- 5 When the installation is complete, the **Kodak Dental Imaging** install menu is displayed.

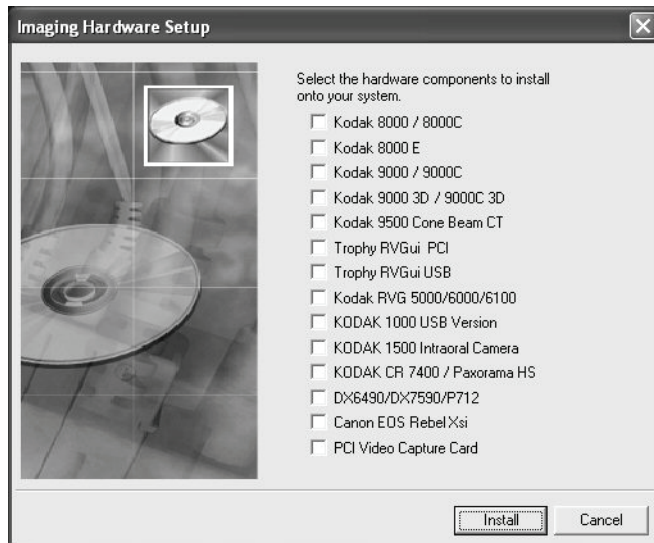
## Installing a Panoramic and Cephalometric System

Use these procedures to do the following:

- Install the Kodak 8000/8000C unit
- Install the Trophy DigiPan system

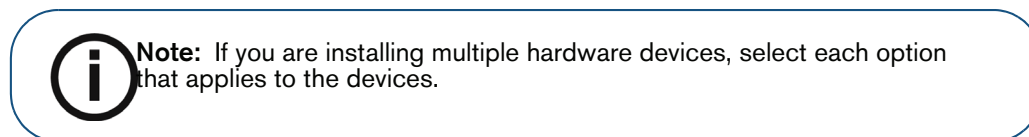
To install a panoramic or cephalometric system, follow these steps:

- 1 On the install menu, click **Install Hardware**. The **Imaging Hardware Setup** window is displayed.



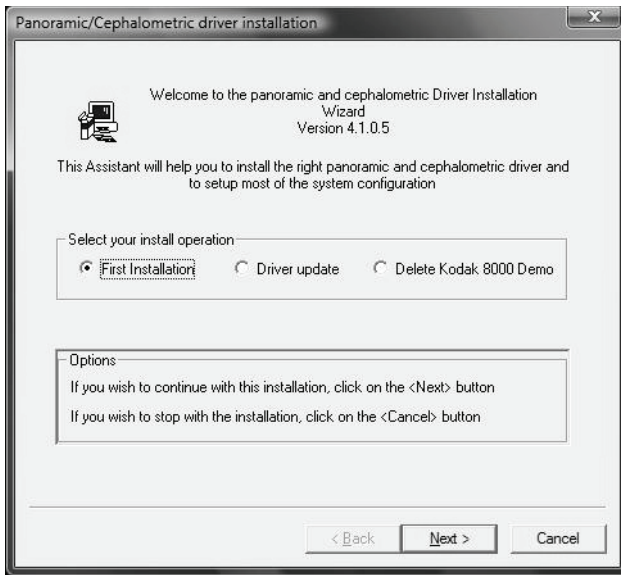
**Figure 12 Imaging Hardware Setup Window**

- 2 Select **Kodak 8000/8000C**.



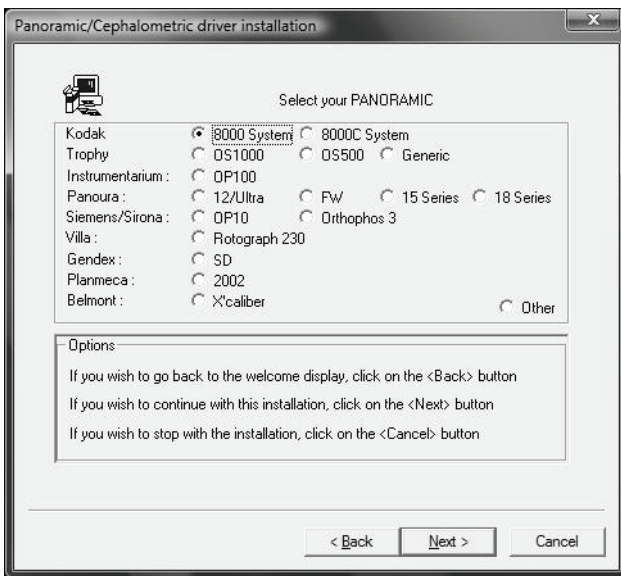
- 3 Click **Install**. A message asks you to wait while configuration is performed. When configuration is complete, the **Windows Security** window is displayed.

- 4 Click **Install this software anyway**. The **Driver Installation Wizard** window is displayed.



**Figure 13 Driver Installation Wizard Window**

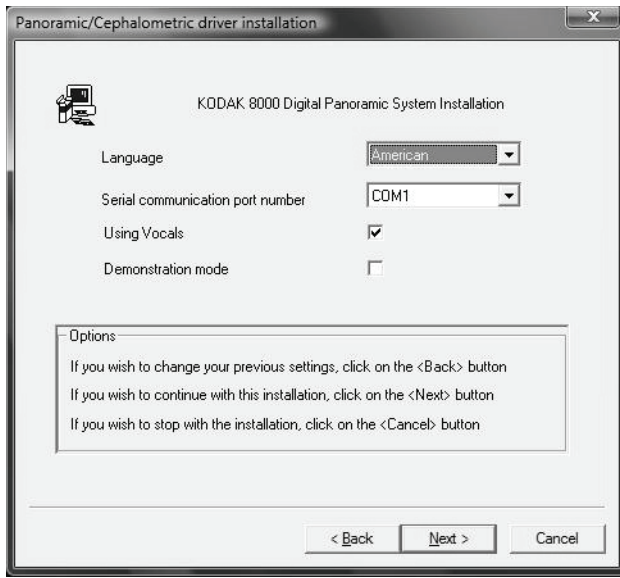
- 5 Select the **First Installation** option for a new installation. The **Select your PANORAMIC** window is displayed.



**Figure 14 Select Your PANORAMIC Window**

- 6 Select your panoramic unit and click **Next**.
  - For a Kodak 8000 digital panoramic unit, select **8000 System**.
  - For a Kodak 8000C digital panoramic and cephalometric unit, select **8000C System**.
  - For a Trophy DigiPan unit, select your unit.

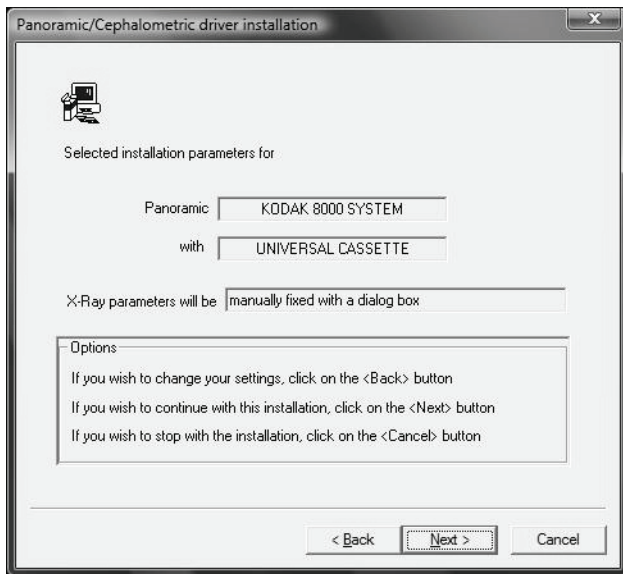
The **KODAK 8000 Digital Panoramic System Installation** window is displayed.



**Figure 15 KODAK 8000 Digital Panoramic System Installation Window**

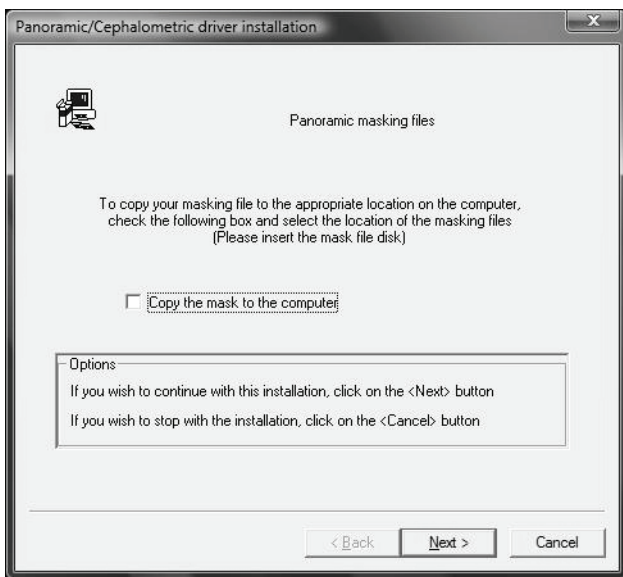
- 7 Do the following and click **Next**:
  - To use the American tooth numbering system (ADA Standard), in the **Language** drop-down list, select **American**.
  - Select the appropriate communication port according to your PC settings.
  - To activate sound when acquiring images, select **Using Vocals**.
  - Ensure that **Demonstration mode** is not selected.

The **Selected installation parameters** window is displayed.



**Figure 16 Selected Installation Parameters Window**

- 8 Verify that all of the information is correct and click **Next**. If it is not, click **Back** to make any changes. The **Panoramic masking files** window is displayed.



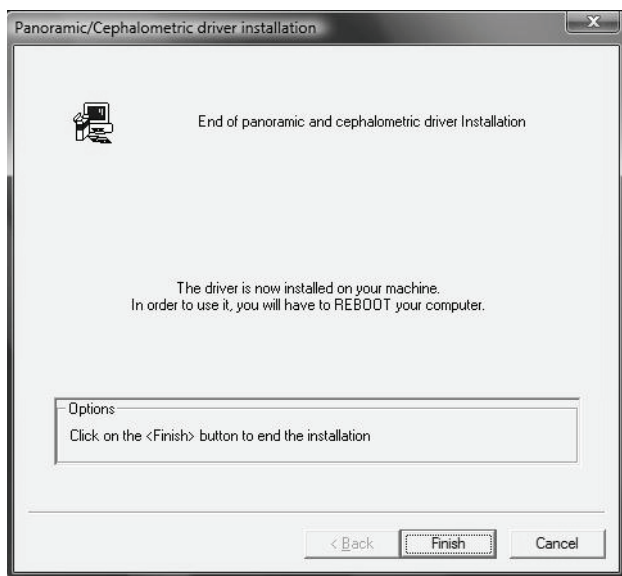
**Figure 17 Panoramic Masking Files Window**

- 9 Select **Copy the mask to the computer**. The **Browse For Folder** window is displayed.

10 Browse to the folder or floppy disk containing your mask file, click **OK**, and then click **Next**.

If you are installing a Kodak 8000C system, the **Cephalometric masking file** window is displayed. Select the **Copy the mask to the computer** option. The **Browse For Folder** window is displayed. Browse to the folder or CD containing your mask file, click **OK**, and then click **Next**.

11 Click **OK**. The **End of panoramic and cephalometric driver Installation** window is displayed.



**Figure 18 End of Panoramic and Cephalometric Driver Installation Window**

12 Click **Finish**. A message is displayed prompting you to shut down your computer.

13 Click **OK**.

14 Install the PCI card and restart your computer.

## Installing the KODAK CR7400 Digital Radiography System



**Important:** Do not attempt to install the Kodak CR7400 system on a machine running the Microsoft Vista operating system.

To install the Kodak CR7400 digital radiography system, complete the following in this order:

- Install the drivers
- Install the software

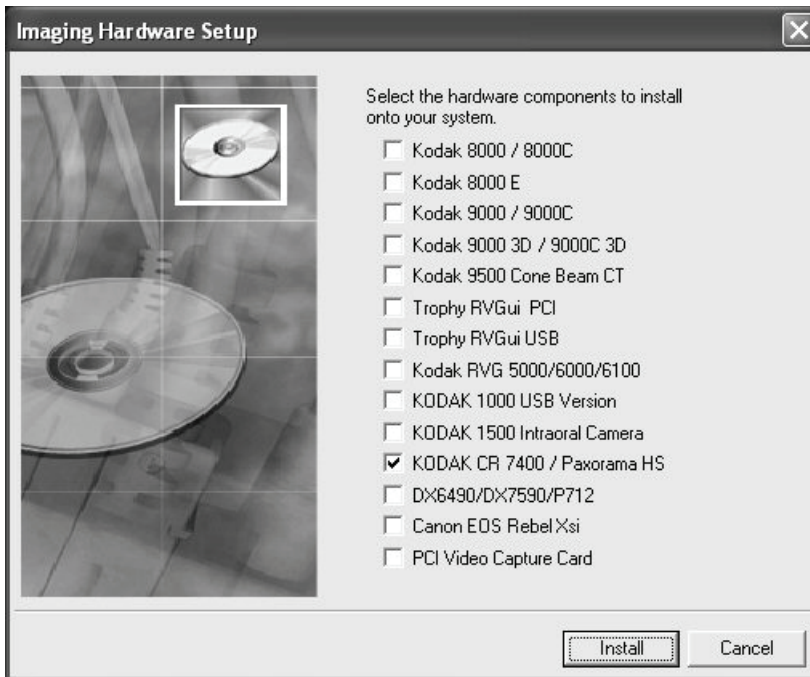
## Installing the KODAK CR 7400 Unit Drivers



**Note:** For more information on setting up your system, see the KODAK CR7400 Digital Radiography System Installation Guide.

To install the Kodak CR7400 unit drivers, follow these steps:

- 1 On the **Kodak Dental Imaging** install menu, click **Install Hardware**. See [Figure 1 on page 1–5](#). The **Imaging Hardware Setup** window is displayed.



**Figure 19 Imaging Hardware Setup Window**

- 2 Select **KODAK CR7400/Paxorama HS** and click **Install**. The **Digital Signature Not Found/Software Installation** window is displayed.
- 3 Do the following:
  - Windows XP operating system—Click **Continue Anyway**.
  - Windows 2000 operating system—Click **Yes**.
- 4 When prompted, plug the unit into the USB port and click **OK**.
- 5 When prompted, click **OK**.

## Installing the KODAK CR 7400 System Software

To install the Kodak CR 7400 system software, follow these steps:

- 1 After installing the drivers, select **Start > Run** from the Microsoft Windows taskbar and type **D:\Utils\CR\CR7400AutoRun.exe** file, where D is the letter assigned to the directory. If the directory is represented by a different drive letter, substitute that letter for D.

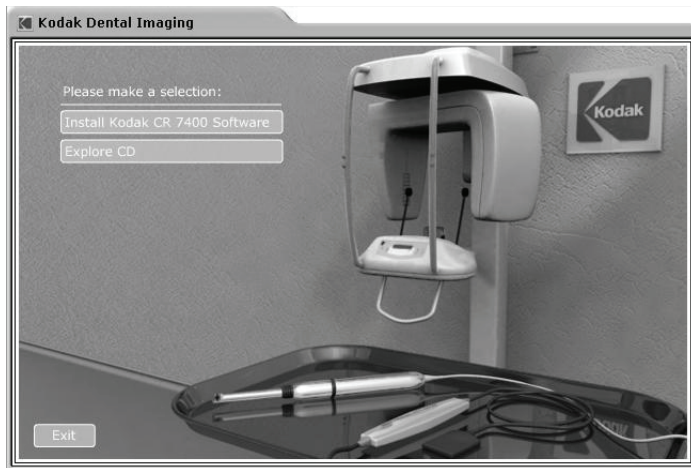


Figure 20 Kodak Dental Imaging Window

- 2 Click **Install Kodak CR7400 Software**. The **Kodak CR7400 System** window is displayed, and the automated installation is immediately launched.



Figure 21 Kodak CR 7400 System Window

- 3 When the automated installation is complete, click **OK** when prompted.

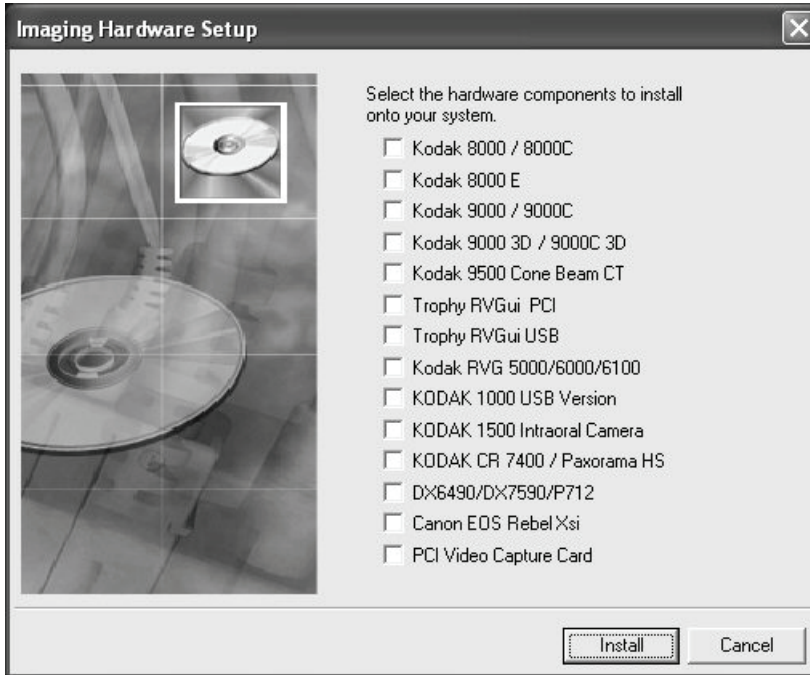
## Installing the KODAK 9000 3D Extraoral Imaging System Software



**Important:** Install a supported NVIDIA card before installing the Kodak 9000 3D drivers or software!

To install the Kodak 9000 3D unit drivers and software, follow these steps:

- 1 On the **Kodak Dental Imaging** install menu, click **Install Hardware**. See [Figure 1 on page 1–5](#). The **Imaging Hardware Setup** window is displayed.



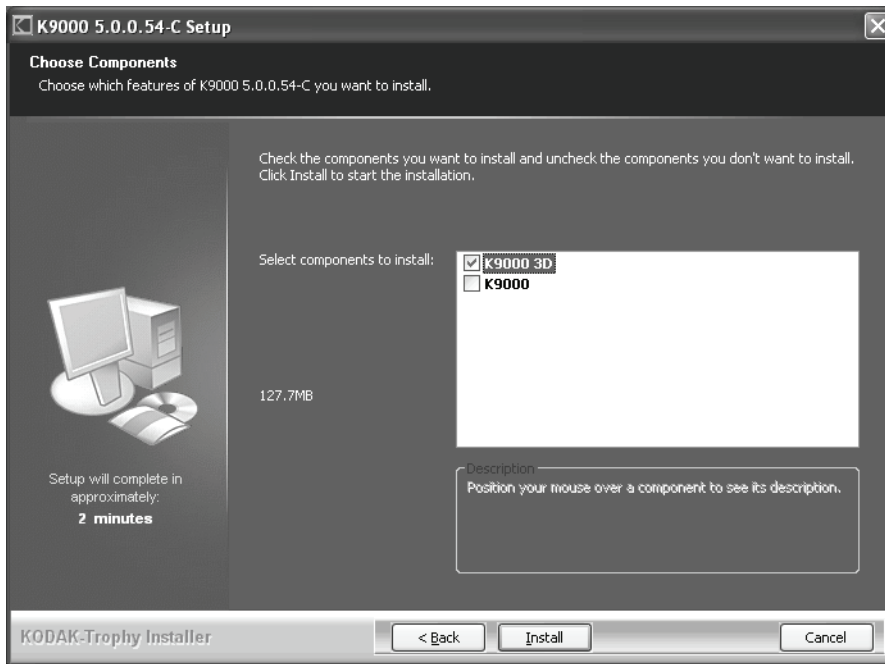
**Figure 22** Imaging Hardware Setup Window

- 2 Select **Kodak 9000/9000-3D** and click **Install**. The **Installer Language** window is displayed.



**Figure 23** Installer Language Window

- 3 Select **English** and click **OK**. The **Choose Components** window is displayed.



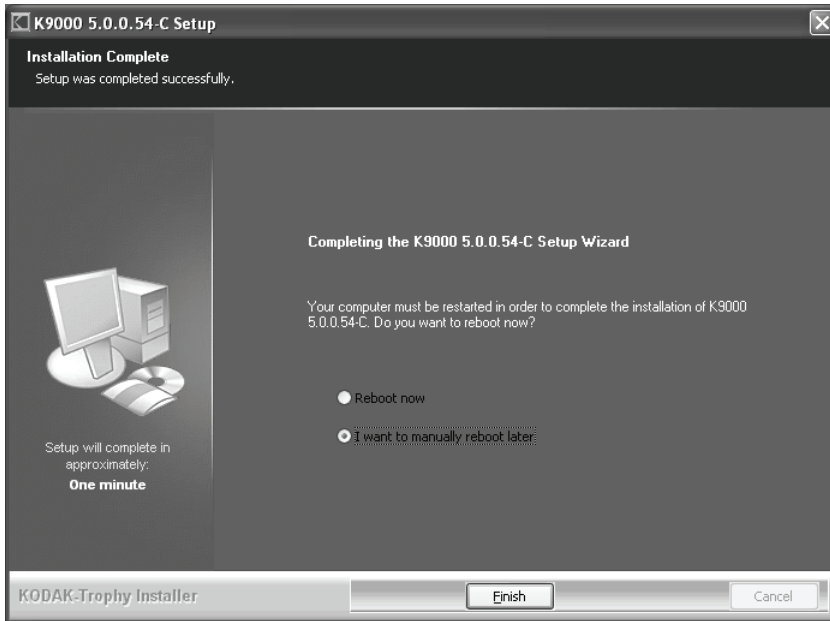
**Figure 24 Choose Components Window**

- 4 Select **K9000 3D** and click **Install**. The **Welcome** window is displayed.



**Figure 25 Welcome Window**

- 5 Click **Install**. After the software is installed, the **Installation Complete** window is displayed.



**Figure 26 Installation Complete Window**

- 6 Select **I want to manually reboot later** and click **Finish**.
- 7 Remove the Kodak dental imaging software DVD from the DVD drive on your computer and insert the Mask File CD. Pertinent files are automatically installed on the computer.

If the wizard does not open automatically, select **Start > Run** from the Microsoft Windows taskbar, and type **D:\K9000MaskCopier.exe**, if D is the letter assigned to your CD-ROM drive. If your CD-ROM drive is represented by a different letter, substitute that letter for D.

- 8 After the files are installed, click **Quit** and reboot your computer.

### **Installing KODAK 9000 3D Extraoral Imaging System Tutorial Images**

To install tutorial images, follow these steps:

- 1 Verify all other programs on the server are closed, and insert the Kodak dental imaging software into the DVD drive of the server. The **Kodak Dental Imaging** install menu is displayed.
- 2 Click **Install Demo Patients** on the install menu. The **Installing** window is displayed while the images are copied to your computer. After the images are installed, the window is closed.

## Downloading the KODAK Acquisition Module



**Important:** To use the Kodak acquisition module with the imaging software, you must also use Kodak SoftDent or PracticeWorks practice management software.

Use the Kodak acquisition module to capture images for patients needing x-rays from the practice management software's scheduler.

To learn more about or download the Kodak acquisition module, follow these steps:

- 1 Insert the Kodak Dental Imaging software DVD in the DVD-ROM drive on your computer. The **Kodak Dental maging** install menu is displayed.



**Note:** For more information on setting up your system, see the KODAK CR7400 Digital Radiography System Installation Guide.

- 2 Click **Download Kodak Acquisition Module**. The **KODAK Acquisition Module Customer Verification** window is displayed.
- 3 Select your preference:
  - To learn more about the module, click **Learn more about KODAK Acquisition Module**.
  - To download the module, type your customer identification number and click **Submit**. Follow the online instructions to complete the download.