



# Installation Guide

## Version 11

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Names and examples used in this document are fictitious unless otherwise noted.

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## 1. About this Guide

This guide describes how to install **OMEGA Tracer** Version 11 software, how to upgrade an existing **OMEGA Tracer** installation, and how to move an existing **OMEGA Tracer** installation to a different computer.

The following conventions are used throughout this guide:

- A **bold** font is used to highlight features of the user interface, such as buttons, field names, and menu items.
- An *italic* font is used for special emphasis, notes, and references to other areas of the document.
- A monospaced font is used to indicate information that you must type.

*Note: Throughout this guide, all references made to Windows apply to Windows XP® Professional with SP2. **Tracer** is not supported under Windows 95, Windows 98, Windows ME®, or Windows Vista®.*

## 2. Contacting Us

You can contact Ohio Willow Wood at **800-848-4930** or via the Internet at [www.owwco.com](http://www.owwco.com).

### 3. Computer Requirements

Before installing or upgrading to **OMEGA Tracer** Version 11, please ensure that your computer meets the following requirements:

<b>CPU</b>	<i>Minimum:</i> Intel® Core™2 Duo Processor (T2400) @ 1.83 GHz* <i>Recommended:</i> Intel® Core™2 Duo Processor (T7100) @ 1.83 GHz* <i>*or any equivalent dual-core processor</i>
<b>RAM</b>	1GB
<b>Drives</b>	80 GB hard disk, DVD/CD-RW drive
<b>Ports</b>	4 USB 2.0, 100Mbps LAN (RJ45), 9pin Serial (RS-232)
<b>Wireless</b>	802.11g
<b>Video</b>	1024x768 SVGA at least 64K colors (24 bit color depth)
<b>Operating System</b>	Windows XP Professional with SP2 or Windows Vista® 32 bit
<b>Firewire</b>	1394, CardBus or Express Card Slot

*Note: Windows 95, Windows 98, and Windows ME® are not supported by **Tracer**.*

*Note: A laptop is recommended for portability if you are using an **OMEGA Tracer Clinical System**. Otherwise, a desktop is suitable for running HomeBase or C-Fab.*

Additional requirements:

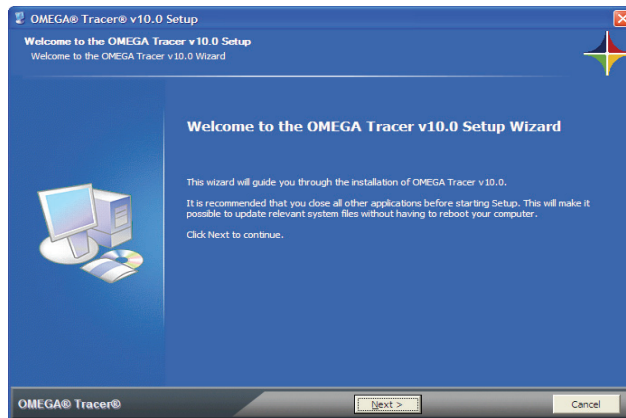
- Internet access (broadband or 56K modem)
- Network adapter (if required for Internet access)
- Audio support with speakers
- Mouse (A touch pad is recommended if you are using a laptop computer. If your laptop computer has an “eraser-type” pointing device then you will also need a mouse with a PS/2 type connector.)

## 4. Installing OMEGA Tracer

*Note: Do **not** insert your software security key or any hardware until after you have completed the OMEGA Tracer installation.*

To start a new **OMEGA Tracer** installation, or to upgrade your existing **OMEGA Tracer** installation:

1. Insert the **OMEGA Tracer** CD in the CD-ROM drive.



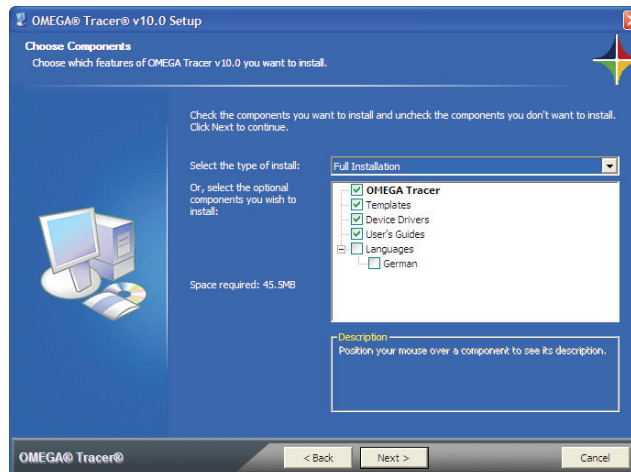
2. When the **Welcome** screen appears, click on **Next**.

(If the Welcome screen does not appear, go to **Start>Run>Browse** and locate the CD drive. Select setup.exe and click **OK**. The **Welcome** screen should appear.)

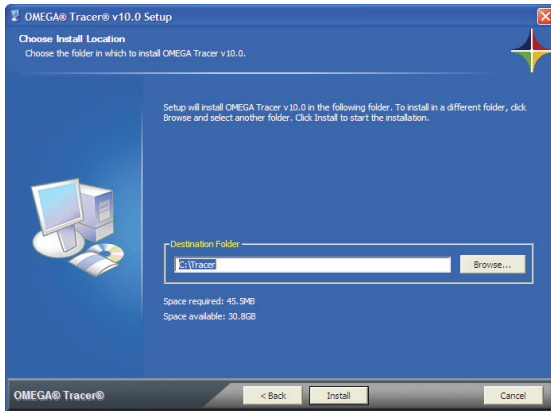
3. The **Choose Components** screen allows you to select the components you want to install. Click on the drop-down menu to select one of the following options:

- **Full installation:** installs every available component
- **User's Guides Only:** installs only the PDF files of the instruction manuals
- **Templates Only:** installs only the templates used for creating spinal, AFO, and AK shapes
- **Drivers Only:** installs only the device drivers required to run **OMEGA Tracer**.
- **Custom:** installs the components you select. Check the components you want to install, and un-check the components you do not wish to install.

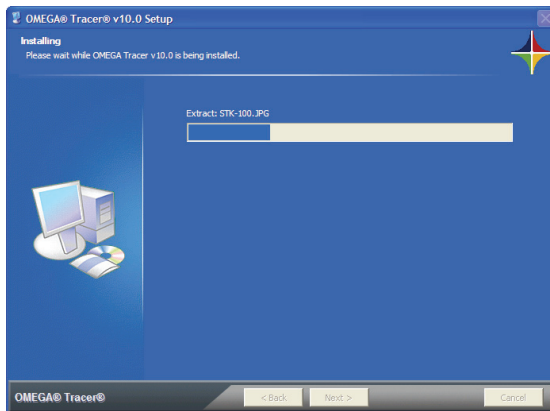
Click on **Next** to proceed to the next step.



- Next is the **Choose Install Location** screen, which indicates the folder in which **OMEGA Tracer** will be installed. Changing the installation location from the default location that is shown on this screen is not recommended. Click on **Install** to continue.

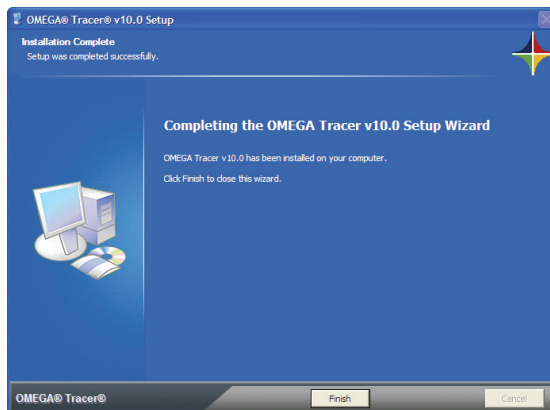


- As the installation progresses, its status is displayed on the screen.



- When the **Installation Complete** screen appears, click the **Finish** button.

*Note: If this is a new **OMEGA Tracer** installation, please refer to the following sections on **Configuring the Operating System and Entering Facility and E-Mail Information** for additional instructions.*



## Configuring the Operating System

This section addresses operating system configuration settings recommended for the **OMEGA Tracer** software. Refer to your computer and operating system documentation for instructions on making these changes.

### Screen Resolution

Your screen resolution should be set to a minimum of 800 by 600 pixels using 16-bit color. If your computer does not support this resolution and color depth (or better), you may experience problems.

### Touch Pad Enhancements

If you are using a laptop computer that has a touch pad, it is recommended that you disable the **Taps** and **Edge Motion** features, since these features can make it difficult to control the mouse (touch pad) while making modifications.

### Themes

Certain themes may affect the colors and fonts used by the **OMEGA Tracer** program. It is recommended that you use the standard Windows theme.

### Fonts

**OMEGA Tracer** runs best with small fonts (the standard font size used by Windows). You may experience problems if you use large fonts or a custom font size. For example, if you are using large fonts and your display is configured for 800 by 600 resolution, you will not be able to see the entire **OMEGA Tracer** screen.

## **Power Management**

The power management feature reduces the amount of power used by your computer when keyboard or mouse activity is not detected during some predetermined amount of time or when running on batteries. Power management must be disabled if you are using the **Tracing Hardware**; otherwise, your computer may go into power management mode while tracing a patient, possibly causing a loss of data. Power management should also be disabled if you are running **OMEGA Tracer** Version 5 or higher; otherwise, the security key may not be recognized when the computer comes out of standby mode.

Prior to Version 5, power management had to be disabled manually through settings under **Control Panel**. Starting with Version 5, power management is automatically disabled by **OMEGA Tracer** while it is running. You can prevent **Tracer** from automatically disabling power management by clearing the **Disable Standby Mode** checkbox in the **Settings** tab under **Help, Set Options**.

## **Internet Proxy Server Support**

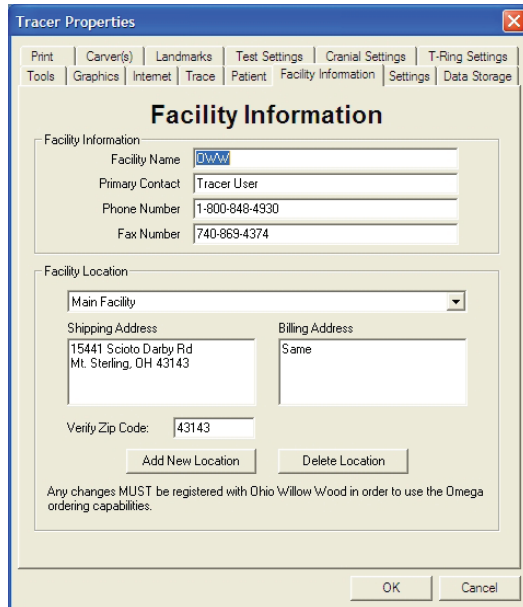
**OMEGA Tracer** supports access to the Internet through a Proxy Server. This is sometimes required in corporate or institutional environments that have large networks that need to be secured. All configuration settings required to access the Internet through a Proxy Server are handled at the Operating System level; no **OMEGA Tracer** configuration settings are required. Contact your Network or System Administrator for assistance.

## Entering Facility and E-Mail Information

**OMEGA Tracer** requires that you enter facility, Internet, and e-mail information before you can use certain features. You can enter or update this information at any time as described in this section.

### Facility Information

You must enter information about your facility before sending any files to central fabrication or placing any **OMEGA** orders.



The screenshot shows the 'Tracer Properties' dialog box with the 'Facility Information' tab selected. The dialog has a menu bar with options: Print, Carver(s), Landmarks, Test Settings, Cranial Settings, T-Ring Settings, Tools, Graphics, Internet, Trace, Patient, Facility Information, Settings, and Data Storage. The 'Facility Information' section contains the following fields:

- Facility Name: OWW
- Primary Contact: Tracer User
- Phone Number: 1-800-848-4930
- Fax Number: 740-869-4374

The 'Facility Location' section includes a dropdown menu set to 'Main Facility', a 'Shipping Address' field with the text '15441 Scioto Darby Rd Mt. Sterling, OH 43143', a 'Billing Address' field with the text 'Same', and a 'Verify Zip Code' field with the text '43143'. Below these fields are two buttons: 'Add New Location' and 'Delete Location'. At the bottom of the dialog are 'OK' and 'Cancel' buttons. A note at the bottom of the dialog states: 'Any changes MUST be registered with Ohio Willow Wood in order to use the Omega ordering capabilities.'

To enter your facility information:

1. Select **Help**, then **Set Options** from the main *Tracer* menu, and then select the **Facility Information** tab. A screen similar to the one shown above appears.
2. Enter the **Facility Name**, **Primary Contact**, and **Phone Number** for your facility.
3. Enter the shipping address in the **Shipping Address** field.

*Note: The shipping address must exactly match an address in the Ohio Willow Wood database in order for an order to be processed through the **OMEGA Tracer** System.*

4. Re-enter the zip code for your facility in the **Verify Postal Code** field and select **OK** when you are done.

*Note: The zip code is used together with your security key number to help validate your account when you place an **OMEGA Tracer** order.*

To define additional locations, each with its own shipping and billing address, select the **Add New Location** button below the **Facility Location** field and enter the required information for the new facility.

To delete a location, select the location from the **Facility Location** drop-down menu and select **Delete Location**.

*Note: You cannot delete the main facility location.*

## Internet and E-Mail Settings

**OMEGA Tracer** uses the Internet to “check-in” (described later), download software updates, e-mail files to Central Fabrication, and place **OMEGA Tracer** orders.

If you do not have an Internet account, you can use the **OMEGA Tracer** default Internet connection. However, we recommend that you have Internet access through your own Internet service provider (ISP).

*Note: The **OMEGA Tracer** default Internet connection does not allow for the receipt of e-mail. You must have your own ISP if you will be receiving e-mail. Your ISP must support the POP3 e-mail protocol for **Tracer** to receive e-mail.*

To enter your Internet and e-mail settings:

1. Select **Help**, then **Set Options**, and then **Internet**. A screen similar to the one shown at right appears.

2. Select your ISP from the **Choose a Provider** drop-down menu.

If you do not have an Internet account, choose **Tracer Default**.

If you are using AOL, MSN, or CompuServe, you must select **Other (AOL, MSN, etc.)** from the list.

3. Enter the **SMTP Server** and **Email Address** information provided by your ISP.

*Note: If you choose **Tracer Default** as your ISP, you do not have to enter e-mail information and this area is grayed out.*

4. Select **Test Internet Connection** if you would like to test your Internet connection at this time.
5. A message is displayed when the test is complete. Select **OK** when you are done.
6. To connect to the Internet when **OMEGA Tracer** starts, place a check in the corresponding box to enable this feature.

The screenshot shows the 'Tracer Properties' dialog box with the 'Internet' tab selected. The 'Internet Settings' section is active. Under 'Service Provider Information', the 'Choose a provider:' dropdown menu is set to 'Other (AOL, MSN, etc.)'. Below this, there is a note: 'Tracer will use the connection created by another program to connect to the Internet.' The 'E-Mail Information' section contains five input fields: 'SMTP Server', 'E-Mail Address', 'POP3 Server', 'E-Mail Password', and 'Verify Password'. Below these fields is a note: 'Leave the E-Mail password blank to use your ISP logon password.' There are two checkboxes: 'Enable notification messages from C-Fabs' (unchecked) and 'Connect to the Internet when Tracer starts' (unchecked). At the bottom, there are two buttons: 'Test Internet Connection' and 'Advanced Settings'. The 'OK' and 'Cancel' buttons are at the very bottom right.

## Moving an OMEGA *Tracer* Installation

To move an **OMEGA *Tracer*** installation from one computer to another, begin by installing the software on the new computer, then copy the files listed below onto the new computer.

### Patient Files

Patient files are stored in the **C:\Tracer\Patients** folder by default. You should copy all files from this folder (and any of its sub-folders) from your old computer to your new computer.

### Patient Database

Starting with *Tracer* Version 6, patient information is stored in a patient database. The program used to manage the database in *Tracer* Version 7 and above is different than the one used in *Tracer* Version 6.

If you are moving the patient database from an existing *Tracer* Version 11 installation to another *Tracer* Version 11 installation, simply copy the file **omegapatients.db** found in the **C:\Tracer\Data** folder.

To move a patient database from an existing *Tracer* Version 6 (or lower) installation over to a *Tracer* Version 11 installation, you must first upgrade to *Tracer* Version 10 on your old computer in order to migrate the patient data into the new database format. After upgrading, copy the file **omegapatients.db** found in the **C:\Tracer\Data** folder.

### Templates

Template files are saved by type in subfolders under the **C:\Tracer\Shapes** folder. All *Tracer* templates will be installed from the CD-ROM. If you have created your own templates, however, you will want to copy those over along with their previews.

For example, if you created three custom AK templates called **MyQuad1.AK**, **MyQuad2.AK**, and **MyQuad3.AK**, you will want to copy over these files (along with their previews, which have the same file name with a .JPG extension) from the **C:\Tracer\Shapes\AK** folder of your old computer to the same folder on your new computer. If you have created any custom spinal templates, you will need to copy them over from your **C:\Tracer\Shapes\Spinals** folder.

### Configuration Files

The *Tracer* program stores configuration settings in the following files:

**C:\Tracer\Tracer.ini**

**C:\Tracer\Fab.ini**

The configuration files for *Tracer* Version 7 and above contain more information than previous versions. It is recommended that you re-enter this information rather than copying over the existing configuration files.

## **Sequences and Wizards**

If you have defined any custom sequences or wizards, you should copy them from the **C:\Tracer\Sequences** folder of your old computer to your new computer. (Sequences have a .seq extension, and wizards have a .wiz extension.)

## **G-Code Control File**

If your carver requires a G-Code control file, copy it from the **C:\Tracer\G-Code** folder of your old computer to the same folder on your new computer.

## **Other Files**

If you have saved any custom relief pad shapes, copy them over from your **C:\Tracer\Pads** folder.

If you have saved any custom trimlines, copy them over from your **C:\Tracer\Trimlines** folder.

If you have created any unique cylindrical adapters, copy them over from the **C:\Tracer\Adapters** folder.

If you have defined any unique mandrels, copy them over from the **C:\Tracer\Mandrels** folder.

If you have any digital pictures, copy them over from the **C:\Tracer\Pictures** folder.

## 5. Software Security Key

The software security key provides you with the software license required to run *Tracer*. The key contains information on the product and features that you are licensed to use and connects to a USB port on your computer.



*Note: **Tracer** Version 4 and all earlier versions use a software security key that connects to the parallel port of the computer.*

### Security Key Check-In

Your software security key must “check in” with the *Tracer* web site on a regular basis. The security key check-in process was designed to protect you in the event your security key is lost or stolen. It also allows us to inform you of new updates or features each time you check in.

*Note: You must have access to the Internet to complete the check-in process. In case the Internet is not available, you may check in by calling Ohio Willow Wood Customer Care.*

The check-in process normally takes place behind the scenes when you send files to central fabrication or when you receive files (if you have *C-Fab* or *HomeBase*). You can also check in at any time by selecting **Internet** from the *Tracer* menu and then selecting **Check-in**.

If you have not used the *Tracer* software for a while, or if you have not checked in for a while, one of the following messages appears when you start the program:

“You must ‘check in’ with Tracer soon. Do you want to check in now?”

“You must ‘check in’ with Tracer today. Do you want to check in now?”

When you see one of these messages, you can select **Yes** to proceed with the check-in process or **No** to continue using the program. If you ignore these messages, your security key eventually “times out” and the following message appears when you start the program:

“You must ‘check in’ now. What would you like to do?”

When this message is displayed, you are given the opportunity to continue using the program for one day by selecting **Extend**. After your one-day extension, you are not allowed to use the program until you complete the check-in process. The following message appears when you start the program:

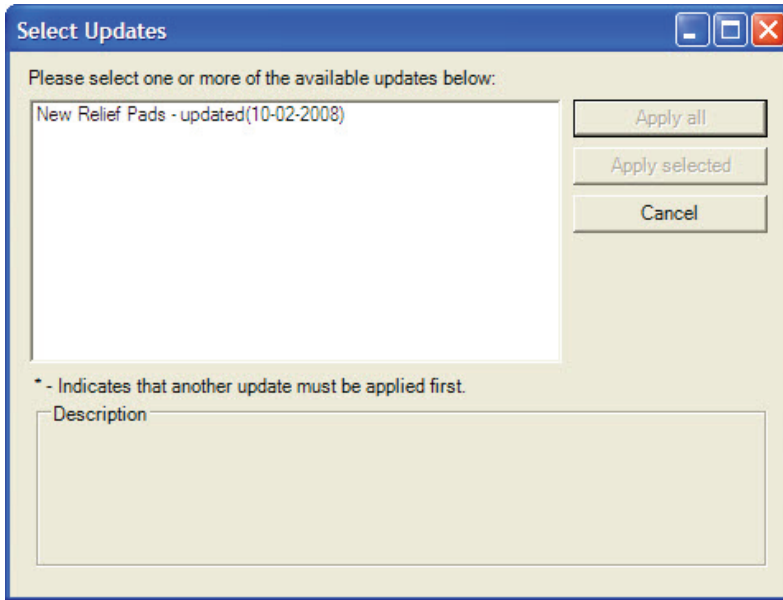
“You must ‘check in’ now. Do you want to check-in now?”

When you see this message, you can select **Yes** to proceed with the check-in process. If you select **No**, *Tracer* will exit.

## 6. Software Updates

The **OMEGA Tracer** program can check for and optionally download software updates. To do so,

1. Select **Internet** from the main **Tracer** menu, and then select **Update Tracer** to display the **Select Updates** screen.



2. If you wish to apply all updates in the list, click **Apply all**; otherwise, select one or more of the available updates from the list and click on **Apply selected**.
3. **OMEGA Tracer** will automatically download and install the selected update. Follow any instructions that are displayed during the update.

*Note: Some updates are not optional and are automatically downloaded and installed when you select **Update Tracer** or when **OMEGA Tracer** performs an Internet check-in. These updates do not show up in the **Available Updates** list.*





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