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**ZWCAD™ 2010**  
*Installation & Activation Guide*

**ZWCAD** Reliable CAD for 2D & 3D Design!

 Powered by IntelliCAD Technology Consortium

# Preface

Welcome to ZWCAD!

The *ZWCAD 2010 Installation & Activation Guide* describes procedures involved in the installation and activation of ZWCAD 2010, and provides you with additional information on some frequently asked questions and answers. For advanced settings or usage, please refer to **Help** documentations in the software. If you encounter any problems, please feel free to contact us. See the last page for support information.

Thank you for your support!

ZWCAD Software Co., Ltd.

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# 1. System Requirements

Operating System	Microsoft Windows XP Microsoft Windows 2003 Microsoft Windows Vista Microsoft Windows 7 And More
Processor	Pentium III 800 MHz or advanced
RAM	512 MB or above
Video	1024 x 768 VGA with True Color (minimum)
Hard Disk	350 MB free disk space
Pointing Device	Mouse, trackball or other supported pointing device
CD-ROM or DVD Drive	Required for installation only

# 2. Stand-Alone Version

## 2.1 Installation

(1) Place the CD into your computer's CD-ROM or DVD drive. The screen (P.2-1) displays automatically.  
(If the screen fails to appear, please go to the CD-ROM or DVD drive to view contents of the CD with Windows Explorer. Double-click the **autorun.exe** file.)

(2) Click **Install ZWCAD 2010**. (P.2-1)

(3) Choose the version you purchased. For instance, if you have purchased the Professional version, click **Install ZWCAD 2010 Professional**. (P.2-2)  
(Only one version of ZWCAD may be installed on your computer: Standard, Professional or Academic.)

(4) On the Welcome page of the ZWCAD 2010 Eng Setup dialog box, click **Next** to continue. (P.2-3)



(5) Please read ZWCAD END-USER LICENSE AGREEMENT carefully, and then click **Next**. (P.2-4)

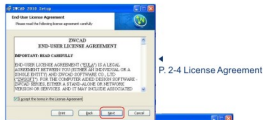
(If you do not agree with the terms and conditions, click **Cancel** to quit the installation.)

(6) Click **Change** to specify an installation folder for ZWCAD 2010. Alternatively, you can keep the default path. And click **Next** to continue. (P.2-5)

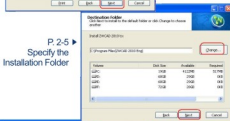
(7) Click **Install**. (P.2-6)

(8) Please wait for the installation to complete. (P.2-7)

(9) Click **Finish** to complete the installation. (P.2-8)



▲ P.2-4 License Agreement



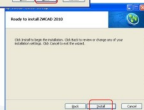
▲ P.2-5 Specify the Installation Folder



▲ P.2-7 Installing Status



▲ P.2-8 Complete the Installation



▲ P.2-6 Ready to Install

(10) If your computer is connected to the Internet, you may see the dialog box (P.2-9). Please fill out the form so that we can provide you with the latest information about ZWCAD, including special offers.

If you do not wish to submit this information, just click the red **X** (close) button at the upper right corner of the dialog box to cancel this step.

If your computer has no connection to the Internet, the dialog box (P.2-10) is displayed instead. Read the information, and then close the dialog box by clicking the red **X** button. The installation is complete.



▲ P.2-9 Submit your information

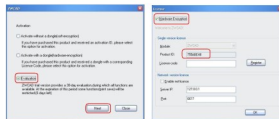


▲ P.2-10 Dialogue Box Displayed in the Case of no Internet Connection

## 2.2 Activation

Activating your copy of ZWCAD 2010 requires the use of a dongle.

- (1) Plug the dongle into your computer.
- (2) Launch ZWCAD 2010 by double-clicking the ZWCAD 2010 icon on the desktop.
- (3) In the dialog box, choose **Evaluation**, and then click **Next**. (P.2-11)
- (4) After ZWCAD 2010 starts as a trial version, go to the **Help** menu, choose **License**, and then **Dongle Activate**. (P.2-12)
- (5) In the License dialog box, please select **Hardware Encryption**. The eight-digit Product ID number has been read automatically. (P.2-13)  
(If the Product ID is not displayed, click **OK** to close the dialog box, and then reopen it.)



▲ P.2-11 Choose Evaluation

▲ P.2-13 License Dialog Box



▲ P.2-12 Choose Dongle Activate

(6) Contact your local dealer from whom you purchased ZWCAD 2010, and ask for the license code that goes with the eight-digit Product ID.

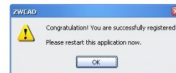
(7) Enter the license code, and then click **Register**. (P.2-14)

(8) The prompt below confirms that you have activated ZWCAD 2010 successfully. Click **OK**. (P.2-15)

(9) Restart ZWCAD 2010, and it will work as an activated version.



▲ P.2-14 Enter the License Code



▲ P.2-15 Confirmation of Successful Activation

## 3. Network Version

For Network Licensing, Workstation computers get authorization from the Server.

### 3.1 Installation

ZWCAD 2010 should be installed on each Workstation computer, and the ZWCAD Network License Server program should be installed on the Server for licenses management.

#### ◆ On Workstations:

The installation is the same as that of a Stand-Alone version. Please refer to Section 2.1.

#### ◆ On the Server:

(1) Place the CD into the CD-ROM or DVD drive. Notice that the following screen appears automatically. (If the screen fails to appear, please go to the CD-ROM or DVD drive to view contents of the CD with Windows Explorer. Double-click the **autorun.exe** file.)



▲ P. 3-1 CD Main Menu



▲ P. 3-2 CD Network License Menu

(2) Click **Install Network License Application (Server)**. (P.3-1)

(3) On the Network License screen, click **ZWCAD Network License Server** (Hardware-encryption). (P.3-2)

(4) On the Welcome page of ZWCAD Network License Server Setup dialog box, click **Next** to continue. (P.3-3)

(5) Click **Change** to specify the installation folder of the ZWCAD Network License Server program, or keep the default path. And click **Next** to continue. (P.3-4)

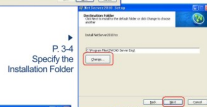
(6) Click **Install**. (P.3-5)

(7) Please wait for the installation to finish. (P.3-6)

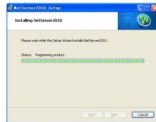
(8) Click **Finish** to complete the installation. (P.3-7)



◀ P. 3-3 Welcome Page of Installation



▶ P. 3-4 Specify the Installation Folder



▲ P. 3-6 Installing Status



▲ P. 3-7 Complete the Installation



▲ P. 3-5 Ready to Install

### 3.2 Activation

#### ◆ On the Server:

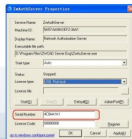
(1) Plug the dongle into the Server.

(2) Launch the Console of ZWCAD Network License Server by following steps:

- Click the **Start** button on the Windows taskbar.
- In the Start menu, choose **All Programs** (or **Programs**).
- Choose **ZWCAD Network License Server**, and then choose **Console**.

(3) Select an appropriate entry from the License Type list. For example, if you are using a USB dongle, please select "USB Port lock". (P.3-8)

(4) Obtain the eight-digit Serial Number. (P.3-9)



▲ P. 3-9  
Serial Number in the Console



▲ P. 3-8  
Select the Type of the Dongle

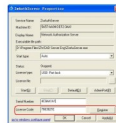


(5) Contact your local dealer from whom you purchased ZWCAD 2010, and ask for the license code that goes with the eight-digit Serial Number.

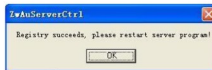
(6) Enter the license code, and then click **Register**. (P.3-10)

(7) The prompt (P.3-11) confirms that you have activated successfully. Click **OK**.

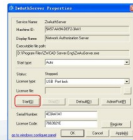
(8) Restart the server program (Console), and then click **Start** to enable the network serving. Workstations can now get authorization from the Server automatically. (P.3-12)



▲ P. 3-10  
Activate with the License Code



▲ P. 3-11 Confirmation of Successful Activation



▲ P. 3-12 Start Network Serving

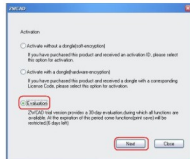


#### ◆ On Workstations:

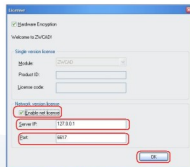
- (1) Launch ZWCAD 2010 by double-clicking the ZWCAD 2010 icon on the Windows desktop.
- (2) Choose **Evaluation**, and then click **Next**. (P.3-13)
- (3) After ZWCAD 2010 starts as a trial version, go to the **Help** menu, and then choose **License**, and then **Dongle Activate**. (P.3-14)
- (4) In the License dialog box, check **Hardware Encryption** and **Enable net license**. Enter the Server IP and Port number (6617 is the default Port number). Click **OK**. (P.3-15)
- (5) Restart ZWCAD 2010, and it will automatically obtain a license from the Server.
- (6) Repeat these steps for every Workstation.



▲ P. 3-14 Choose Dongle Activate



▲ P. 3-13 Choose Evaluation



▲ P. 3-15 Network Settings

## 4. FAQs & Technical Tips

### During Installation & Activation, Follow These Steps Carefully

1. Install and run ZWCAD using **Administrator** properties.
2. Ensure that you first plug the dongle into the computer's USB port, and then wait until its status light is steady (not flashing). Only then should you open ZWCAD (Stand-Alone Version) or ZWCAD Network License Server (Network Version).
3. If the light on the dongle blinks, then it indicates a problem. Try the following solutions:

- (1). To repair the dongle driver, follow these steps:
  - a. Choose **Start >> All Programs>>ZWCAD 2010 >>Dongle Driver**.
  - b. Click **Next**, and then click **Next**.
  - c. Click **Complete**, then click **Yes** to restart the computer
- (2). If solution (1) does not work, then try moving the dongle to another USB port, or even try ZWCAD and the dongle on another computer.





## 4.1 Stand-Alone Version

### Product ID Text Box is Empty

**Q:** Why is the Product ID text box empty?

**A:** This may result from any of the following reasons:

1. The dongle driver needs to be repaired by following these steps:

a) Go to **Start >> All Programs >> ZWCAD 2010 >> Dongle Driver**.

b) Click **Next**, and then click **Next**.

c) Click **Complete**, and then click **Yes** to restart the computer.

2. The dongle is broken. Contact [tech@zwcad.com](mailto:tech@zwcad.com) to obtain a replacement dongle.

### Error Message: Registration Failed

**Q:** I input the license code and then clicked Register button, but then I received a message that looks like this (P.4-1):



▲ P. 4-1 Registration failed

**A:** Enter the correct license code. Ensure that the code's version number matches the version of ZWCAD you are registering. For example, if the license code is from the 2009 version, then it cannot be used to register ZWCAD 2010. If necessary, you can email us at [tech@zwcad.com](mailto:tech@zwcad.com) and provide us with your product ID, license code number, and the version of ZWCAD. We will confirm the correct numbers.

### ZWCAD Shows Trial Version After Registration

**Q:** Why does my copy of ZWCAD continue to show as the trial version, even after it showed the successful registering message?

**A:** Ensure you restart ZWCAD after activation.

### Error Message: Not Authorized to Use 3D Modeler

**Q:** I successfully registered, but each time I launch ZWCAD I get a message that reads like this: "Not authorized to use 3D Modeler, proceed to run without 3D functions."

**A:** In this case, you attached a dongle for the Standard Edition of ZWCAD, which does not support 3D solid modeling. Please use a dongle meant for the Professional Version of ZWCAD.

## 4.2 Network version

### ◆ Server

#### Serial Number is 0

**Q:** Why does the serial number in the console of the license server show 0?

**A:** This may result from any of the following reasons:

1. The dongle driver needs to be repaired by following these steps:
  - a) Go to **Start >> All Programs >> ZWCAD 2010 >> Dongle Driver**.
  - b) Click **Next**, and then click **Next**.
  - c) Click **Complete**, and then click **Yes** to restart the computer
2. The dongle is broken. Contact [tech@zwcad.com](mailto:tech@zwcad.com) to obtain a replacement.

### Error Message: License Code Does Not Match

**Q:** I entered the license code and then clicked the **Register** button, but then I got a message that reads, "License code does not match!" (P.4-2)

**A:** Check for the following possible errors:

1. Does the serial number show 0, or does it consist of an eight-digit number? Normally, it should be an eight-digit number. If it is 0, please refer to "Serial Number is 0" above.
2. If the serial number is eight digits long, check whether the version number of the ZWCAD Network License Server matches the version of the license code you entered. For example, if you have a license code for the 2010 version, then you should install the ZWCAD Network License Server of the 2010 version.

The solution is to uninstall the current ZWCAD Network License Server and then install the correct version that matches the version of the license code. Download corresponding ZWCAD Network License Server from [www.zwcad.org](http://www.zwcad.org) or ask [tech@zwcad.com](mailto:tech@zwcad.com) for the download link.



▲ P. 4-2 License code does not match

### Unable to Activate ZWCAD on the Server?

**Q:** Why can't I activate ZWCAD on the server?

**A:** Ensure you followed these steps:

1. After plugging your dongle into computer, ensure that the "Serial Number" (Product ID) is eight-digit long. Then enter your **license code** in the place of "License code" and click **Register** to finish.



2. After getting the successful registering message, click the **Start** button, as illustrated by the figure (P.4-3).



▲ P. 4-3 Start the server

### ◆ Workstation

#### Workstation Cannot Get License From Server

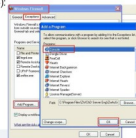
**Q:** Why can't the workstation get a license from the server?

**A:** Ensure you received the successful registration message on the server, and that you clicked the **Start** button on the Network Server to start licensing. These two points are very important.

If the workstation still cannot get a license, check the following areas:

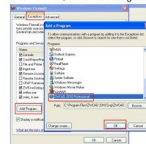
1. It may be that your computer's firewall software is blocking access to the licensing through the network. The solution is to add ZWCAD and its port number to the firewall's exception list on both the workstations and server. Follow these steps:

- a. Click **Start** >> **Control Panel** >> **Windows Firewall**
- b. On the server, make the changes shown by the figure (P.4-4):



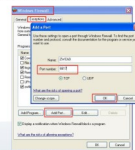
▲ P. 4-4 Add the Console to Firewall Exceptions

- c. On the workstation, make the changes shown as (P.4-5):



▲ P. 4-5 Add ZWCAD to Firewall Exceptions

- d. Add the port number to the firewall's exception list, both on the server and workstation: (P.4-6)



▲ P. 4-6 Add Port to Firewall Exceptions

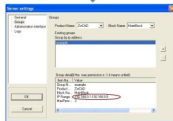
2. The copy of ZWCAD installed on workstation may have a version number that is higher than version number of the ZWCAD Network License Server installed on the server. Only a higher numbered version of a network server can license a lower (or equal) version of ZWCAD on the workstation. For example, the ZWCAD 2009 Network License Server is able to license to ZWCAD 2009 and ZWCAD 2008, but not ZWCAD 2010. The solution is to download the corresponding ZWCAD Network License Server from [www.zwcad.org](http://www.zwcad.org) or to ask [tech@zwcad.com](mailto:tech@zwcad.com) for the download link.

3. The server and the workstation are not in the same network segment. The solution is to modify the IP [Internet protocol] addresses of the server and workstation and to make sure that they are in the same network segment. For example, if the IP address of the server is 192.168.0.5, then the IP address of the workstation should be in the range of 192.168.0.1 to 192.168.0.254.

4. The workstation is not in the IP address range of the licensing group. The solution is to add the workstation's IP address to the IP range allowed to obtain licenses. See figure (P.4-7).

5. Anti-virus software is blocking the program from running. The solution is to add ZWCAD as an exception, to remove ZWCAD from the isolation list, or even to turn off the anti-virus software.

6. The network license server is locked. The solution is to choose the **Lock server** option again to turn off the locking. (P.4-8)



▲ P. 4-7 Add the workstation's IP to the IP range



▲ P. 4-8 Lock server

7. You have exceeded the maximum simultaneous connections for operating ZWCAD. There are two ways to free licenses:

i. On the workstation, close the ZWCAD program, and then uncheck **Enable Net License** to free the license for another user. See figure (P.4-9).



▲ P. 4-9 Free a float license



▲ P. 4-10 Lock the server to callback license



▲ P. 4-11 Kick-out the license user

ii. Take back a license by force. To do this, follow these steps:

- Lock the server by choosing **Lock Server** from the **Edit** menu (or by clicking the **Lock Server** button on the toolbar). See figure (P.4-10).
- In the main window, right-click the name of the user license, and then click **Kick out**. (P.4-11)

## 5. Service & Support

You can get service and support by contacting us through:

- **Technical Mailbox:** [tech@zwcad.com](mailto:tech@zwcad.com)

Please describe your technical problem in details and attach any relevant information. We will respond to you in three working days after receiving your email.

- **Instant Messenger:**

MSN: [tech\\_zw@hotmail.com](mailto:tech_zw@hotmail.com) Skype: [tech\\_zw](#)

Live IM support is available every working day between 8:30 a.m. and 5:30 p.m. GMT+8.

- **Chat on [zwcad.org](http://www.zwcad.org):** Technical Live Support

To chat with a ZWCAD technician, go to [www.zwcad.org](http://www.zwcad.org), and then click the icon for Live Technical Support. This service is available every working day between 8:30 a.m. and 5:30 p.m. GMT+8. After hours, you may leave a message, and our staff will answer your question on the next working day.



- **Help Forum:**

ZWCAD hosts an online discussion group at our website. Visit [www.zwcad.org/forum/default.asp](http://www.zwcad.org/forum/default.asp) to ask questions or share your expertise in ZWCAD. Or you can go to ZWCAD Club ([www.zwcadclub.com](http://www.zwcadclub.com)), an online community sponsored by ZWSOFT.

- **More Information:**

Consult the SUPPORT section of the ZWCAD website to get more information, such as Demonstration, Documentation, FAQs, and so on.

