



STANDALONE INSTALLATION GUIDE

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Technical
Support
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1. INTRODUCTION

This document provides the necessary information to install CASAS eTests, both client and server, on a standalone desktop or laptop computer.

This guide addresses two Operating Systems – Microsoft Windows XP and Microsoft Windows Vista.

- Note!** 1. If your Operating System is Microsoft Windows Vista or Microsoft Windows 7 you must turn off “User Account Control” service while installing CASAS eTests. Otherwise the installation may fail because of incompatibilities with some prerequisites that will install. You can safely turn the service back on after completing installation of CASAS eTests.
2. When installing CASAS eTests on a Microsoft Windows Vista or Microsoft Windows 7 system, you must also install and activate ASP.NET. (refer to the Installation Supplement for details). The ASP.NET service does not automatically install on a Vista or Windows 7 OS during installation of CASAS eTests.

1.1 General Information

Application name: **CASAS eTests**

Database: **SQL Server Express**

User Interface: **C#**

1.1.1 Hardware and Software Requirements

Minimum System Configuration Requirements

	HARDWARE				SOFTWARE	
	<i>Processor</i>	<i>RAM</i>	<i>Disk Space</i>	<i>Monitor</i>	<i>Windows</i> †	<i>Browser</i>
Standalone	Pentium IV*	1.5 GB	5-30 GB	1024 x 768	XP / Vista / Windows 7	Internet Explorer 7.0

* or equivalent

† Call CASAS Tech Support (800.255.1036 ext.4) for assistance with the Microsoft Windows Vista or Microsoft Windows 7 installations if necessary.

Note! CASAS eTests application can be installed on 64bit Operating Systems also, starting with this release. The following 64bit Operating Systems are supported: Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008 (R2 editions included) and Windows 7.

Note! CASAS is unable to confirm support of systems other than those that meet the requirements above. *CASAS eTests does not currently support implementation on a Novell network.*

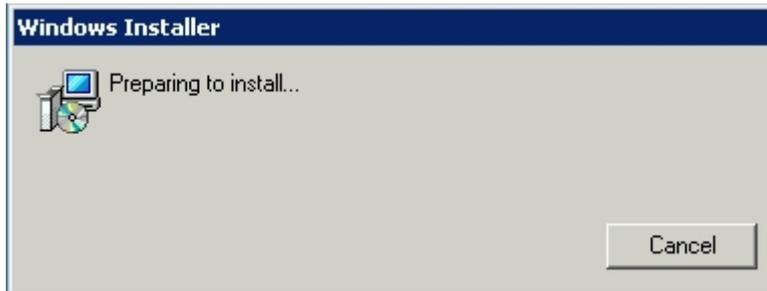
2. SOFTWARE INSTALLATION

2.1 Installation Wizard

- From the install CD, double click on the file, *install.bat*.

After launching *install.bat*, the installation starts by preparing the necessary files for the setup process to continue. These files are placed in a temporary folder that is deleted when the installation is complete.

- After unpacking the setup files, they are loaded and executed.



Note! While the temporary files are being loaded, the setup will have no open window displayed for some time. Please wait until the next window appears. Do not restart the setup or the computer.

- The InstallShield Wizard starts with the Welcome screen:



Click **Next**.

- The CASAS EULA (End User License Agreement) now displays. Read this carefully and select “I accept the terms in the license agreement,” then click Next.

If you do not agree with the terms in the EULA, click **Cancel** to exit the installation wizard.



- The Destination Folder screen is where you chose the location to install CASAS eTests. To change the default path, click **Change**.

Note! CASAS recommends you leave the default path.

Then click **Next**.



- The following screen asks you to choose the setup type.
For this installation, you will select “*Standalone*,” then click **Next**.



- The setup includes a standard database support: *SQL Server 2005 Express Edition SP1*.

For the standalone installation, select the “*SQL Express 2005*” option to install this default database support on a machine that does not have any other type of database support already installed.



- After selecting the setup option, click **Next** and the wizard moves on to the Installing prerequisites screen.

- Please wait while the setup verifies if the prerequisites are already installed. The prerequisites are: *.Net Framework 2.0* and *SQL Server 2005 Express Edition SP1*. If found missing, the setup will install the required prerequisite.
- This screen informs you that the prerequisites installation can begin, and also which prerequisites need to be installed (if not already installed).



- Prerequisite components will install in the background. The setup will notify you when the prerequisites are installed and can continue installing the application.

Note! If your operating system is Microsoft Windows Vista or Microsoft Windows 7, a message will display during the dongle driver installation informing the user that Windows can't verify the publisher of the driver software. The user must choose to install the driver or not. Select "Install this driver software anyway" to continue the installation.



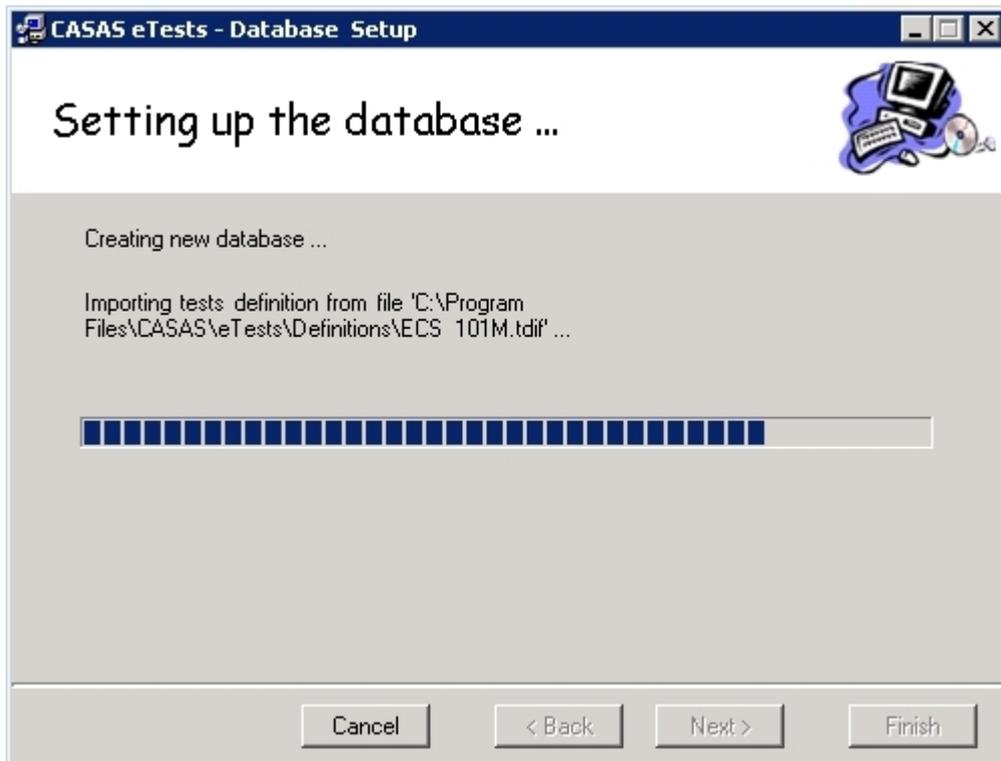
- When the prerequisite installation is complete, the setup displays a new window stating the installation can continue with the application files. Click **Install** to continue.



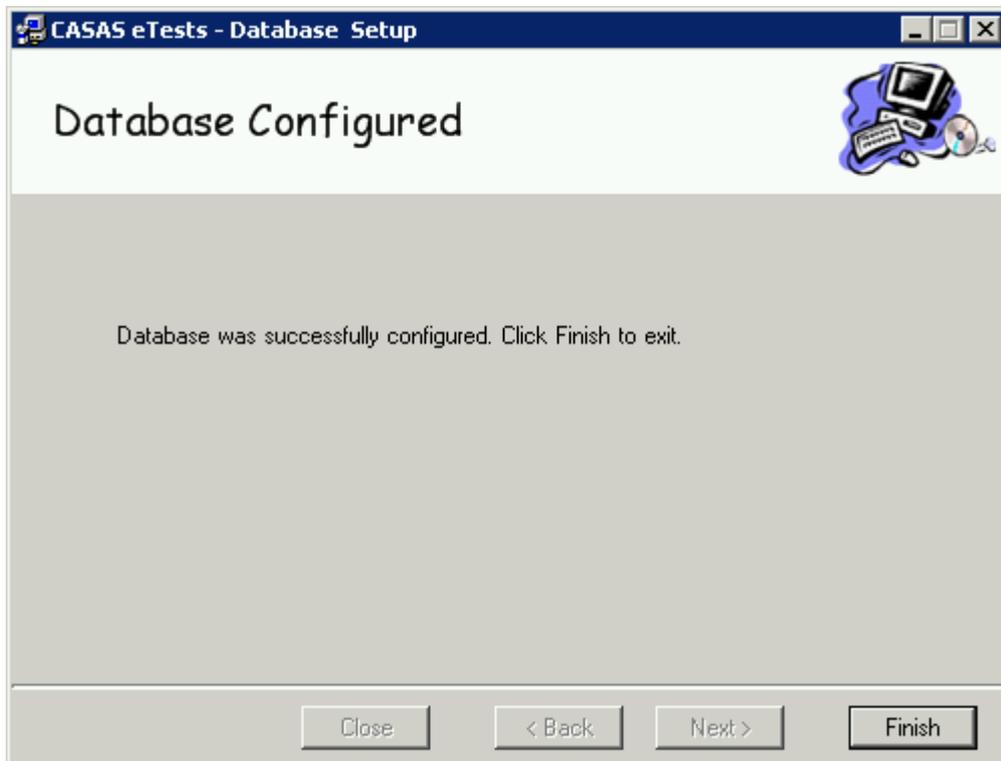
- The setup creates the folders tree and installs the application files.



- Setup opens a new window to monitor the installation of the database.



- Click **Finish** in the database configuration window to close and continue the installation process.



- Setup is now complete. Click **Finish** in the setup window to finish the installation.



Contact CASAS Technical Support if you require additional assistance:
techsupport@casas.org / 800-255-1036 extension 4.

3. ADMIN MODULE WIZARD

3.1 Instructions

Note! If your Operating System is Microsoft Windows Vista or Microsoft Windows 7, it's important to also read *Annex 1 – Implementing ASP.NET on MS Vista Operating System* before proceeding further.

- Click on the “CASAS eTests – Admin” icon to open the “Admin Module”
- Login using the default Account Name of “Admin” with no password (initially)

During installation of CASAS eTests, an initial wizard will appear when the installer first launches the Admin Module. This initial wizard requires the following information:

- | | | |
|---|---------------------------|--|
| 1 | State | Select appropriate state |
| 2 | Agency Type | WIA Title II Agencies or others |
| 3 | Agency ID and Name | Name and ID of the default agency <ol style="list-style-type: none"> a. Agency ID should be noted on a card included with CASAS eTests package materials (if not, please contact CASAS Tech Support). If you intend to export CASAS eTests data to TOPSpro, Agency ID <u>number must be the same</u> in both applications. b. If <u>upgrading</u> a CASAS eTests version older than 2.4, all existing Sites, Classes, Students and Test records will be assigned in this default Agency. |
| 4 | Site ID and Name | Name and ID of the default site. <ol style="list-style-type: none"> a. Select one of the existing Sites (if any), or add a new Site by choosing <i>New site</i> from drop down list. b. All new students and test records are assigned to this default Site. c. If <u>upgrading</u> a CASAS eTests version older than 2.4., all existing Sites will automatically be assigned with an ID. You can change the default Site ID from <i>Admin panel – Agency Settings – Sites – Edit/View Site</i>. All existing Students and Test records without a Site are assigned to the default site. All existing Students and Test records already assigned in a Site will be kept in that Site. See Upgrade table in Item 5 (Class ID and Name) below. d. The link between a Test record and a Site is permanent and cannot be changed. |
| 5 | Class ID and Name | Name and ID of the default class. <ol style="list-style-type: none"> a. Select one of the existing Classes (if any) or add a new Class by choosing <i>New Class</i> from the drop down list. b. All new test records are assigned to this default Class. c. If <u>upgrading</u> a CASAS eTests version older than 2.4, all existing Classes will automatically be assigned with an ID. You can change this ID from <i>Admin panel – Agency Settings – Sites – View Classes – Edit/View Class</i>. All existing Test records without a Class are assigned to this default Class. All existing Students and Test records |

already assigned in a Class will be kept in that Class. See Upgrade table below.

- d. Choose 9999 — No class when existing Test records are coming from different classes.

<i>(eTests version 2.3 or older) Assigned in Class?</i>		<i>(Current eTests version) What happens with existing Students and Test records?</i>	
Student	Test	Student Placement	Test Placement
Yes	Yes	Class' site	Existing Site/Class
Yes	No	Class' site	9999 — no class
No	Yes	Default site*	Existing Site/Class
No	No	Default site*	Default Class*

* Defined in the wizard.

6 Instructional Program

Name of instructional program.

- a. Select one of the existing Instructional Programs or choose No Program.
- b. All new Test records will be assigned in this Instructional Program.
- c. If upgrading a CASAS eTests version older than 2.4, all existing Test records will be assigned in the default Instructional Program.
- d. Choose No program when existing Test records are coming from different programs.

7 Workstation Name

Name of your computer or laptop.

Note! Before opening the “CASAS eTests” Test Module, insert the dongle. See Section 4 for a complete description of dongle installation.

4. KEYLOK AND DONGLE MANAGEMENT

4.1 Keylok

KEYLOK is a third party application for dongle management. The installer starts automatically. (It is built into the CASAS eTests install kit). The operating system does not display the KEYLOK installer window. It displays a message informing the user a window was not displayed. The user can click the message / button in this display. A background screen displays with the KEYLOK installer. The user can choose to install the application or cancel it, then return to desktop.

KEYLOK might try to install after you install CASAS eTests and a user is logging on.



Follow these steps to complete the installation:

1. Click **Next** to start the installation.
2. Wait until the installer finishes copying the required dongle drivers.
3. When the installation is complete, click **Finish** to exit the installer.



4.2 First Time Dongle Installation

If the dongle is not installed, a warning message displays when the application's Test Module opens.

The security dongle is not connected or it is not valid.

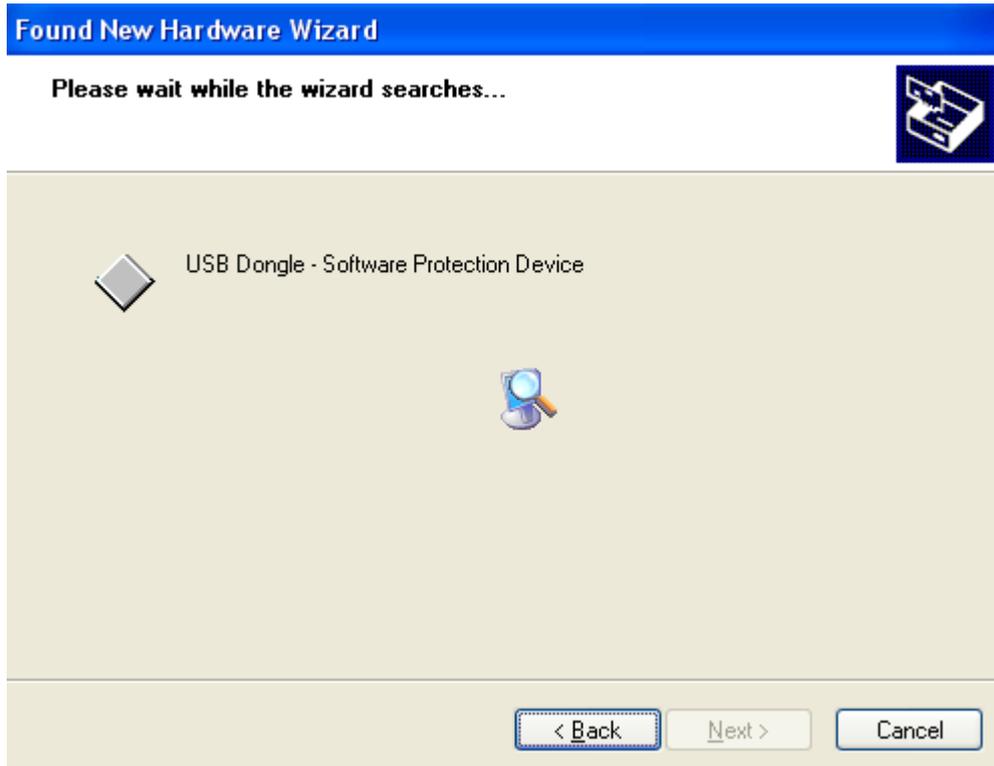
Insert the dongle into a USB Port on the computer where the database resides.

If you are not an administrator at that computer, a login window appears. You must login as an administrator to continue installing the dongle.

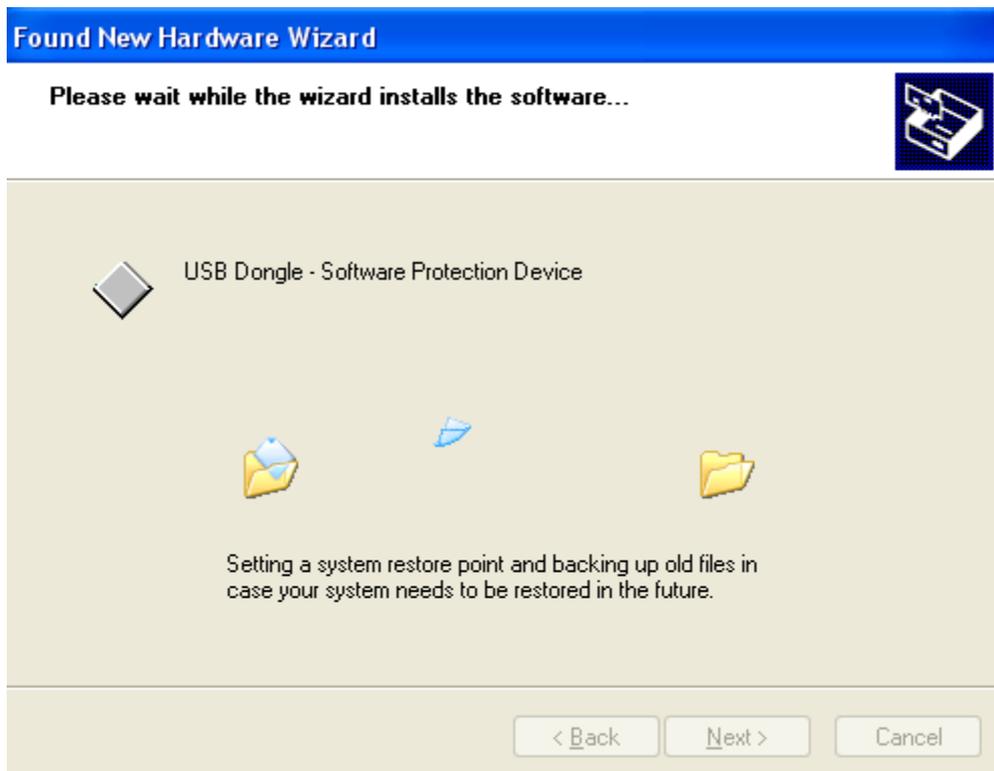
If username and password are valid, a hardware wizard appears.



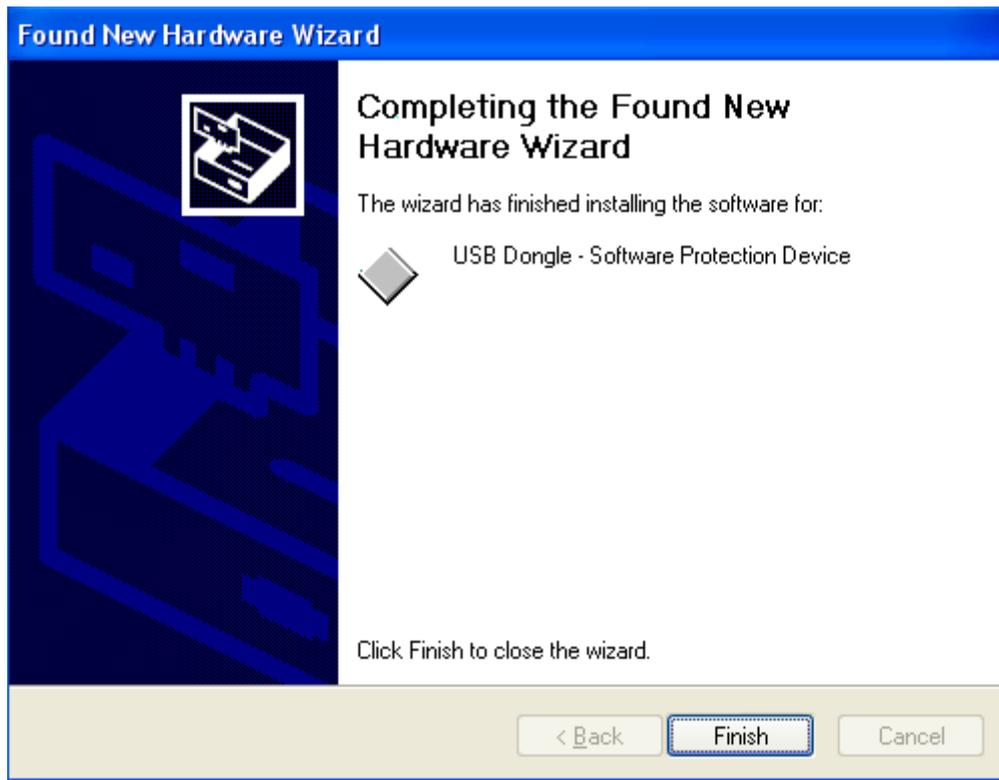
Click **Next** and wait while the wizard searches for the drivers.



Next, the wizard installs the driver automatically or as specified from a list or location.



The last page of the wizard informs you that the dongle is installed.



Click **Finish** to close the window.

4.3 Reinserting a Dongle

When reinserting a dongle in a USB port other than the one used the first time, the wizard process does not repeat. Instead, two notifications appear:

- a. Found new hardware:



- b. Installing USB device automatically:



Note! CASAS does *not* recommend changing USB ports after the software is installed

INSTALLING AND ACTIVATING ASP.NET ON WINDOWS VISTA AND WINDOWS 7

The ASP.NET service is now part of the Vista / Windows 7 OS and no longer automatically installs during installation of CASAS eTests.

Installing ASP.NET

- a. Open the **Control Panel** by clicking **Start** then either **Control Panel** or **Settings > Control Panel**.
- b. If **Control Panel Home** view is selected, click on **Uninstall a program**.
In case **Classic View** is selected, double click on **Programs and Features**.
- c. When the **Uninstall or change a program** screen is displayed, Select **Turn Windows features on or off** from left task panel.
Note: If User Account Control is active, a popup window is displayed and the user must press the **Continue** button.

A popup window displays with the installed and active features in Windows.
- d. Find **Internet Information Services** and click on the icon to expand it.
- e. Click on for **Web Management Tools** to expand it.
- f. Check the boxes for **IIS Management Console** and **IIS Management Service**.
- g. Click on for **Word Wide Web Services** to expand it.
- h. Click on for **Application Development Feature** to expand it.
- i. Check the boxes for **.NET Extensibility**, **ASP** and **ASP.NET**.
- j. Click on for **Security** to expand it.
- k. Check the box for **Basic Authentication**.
- l. Find **Microsoft .NET Framework 3.5** and click on the icon to expand it.
- m. Check all boxes.
- n. Click the **OK** button to close the window. If asked, choose to restart your computer now.

Activating ASP.NET

- a. Open **Control Panel > Administrative Tools > Services**.
Note: If User Account Control is active, a popup window is displayed and the user must press the **Continue** button.
- b. Locate and double click on **ASP.NET State service**.
- c. Select **Automatic** as the **Startup Type**.
- d. If the **Service status** is not **Started**, click on the **Start** button.
- e. After the service starts, click the **OK** button then close the **Services** window.

The ASP.NET service is now running.