

# Visual Designer Development Software License Keys VISUALDCE, VISUALDXP, and VISUALRTDEVPC

## Introduction

Thank you for purchasing Visual Designer™ development software. With this purchase, you received a USB hardware key along with these instructions. Each key contains a single license for development of Visual Designer runtime applications. There are two types of license keys that are sold individually (VISUALDCE and VISUALDXP) and in five-packs (VISUALDCE5 and VISUALDXP5), and a third type sold individually (VISUALRTDEVPC). Catalog Number VISUALDCE provides a license for developing applications to run on Eaton's XV family of operator interfaces. Catalog Number VISUALDXP provides a license for developing applications to run on Eaton's XV and XP families of operator interfaces, certain PanelMate® ePro™ PS models, as well as open PC platforms that have a runtime license for Visual Designer. Catalog number VISUALRTDEVPC provides both a development license identical to VISUALDXP and an open PC runtime license. The open PC runtime license for Visual Designer, which doesn't include the development license, is purchased separately with Catalog Number VISUALRTPC.

Visual Designer development software and open PC runtime software are supported on the following Microsoft® operating systems:

- Windows XP®
- Windows Vista®
- Windows 7®
- Windows Server 2003®
- Windows Server 2008®

Visual Designer runtime software is pre-licensed on all models of Eaton's XV and XP families of operator interfaces, as well as on certain ePro PS operator interface models.

The remainder of this document describes:

1. Downloading the latest version of Visual Designer software from the Internet and installing the software on a development PC
2. Registering your software on the Internet
3. Licensing the software on your PC
4. Receiving technical support

## Downloading and installing

The most recent release of Visual Designer software may be downloaded from the Eaton Web site at [www.eaton.com/electrical](http://www.eaton.com/electrical).

1. From the left navigation column, choose "Products and Services" then the sub-links "Automation and Control," "Operator Interface (HMI)," and "Operator Interface Software."
2. Under "Software Downloads," click on "Visual Designer Software."
3. In the Documentation Results, click the hyperlink for Visual Designer v#.# (Build ##.#.#.#) then select "Save" and place the zipped file on your PC's hard drive. From this same location, you can also download updated Release Notes for the current software version.
4. After the download is complete, unzip the files to a separate directory on your PC and run Setup.exe. Then follow the prompts to accept the software license and complete the installation.

## Registering Visual Designer software

Once you have installed Visual Designer on your development PC, you must register the software to receive free technical support, free hot fixes, and service pack updates. For you to be able to register the software, your development PC must be connected to the Internet. Plug in your USB hard key license and start Visual Designer. Select Register Software from the Help menu. This will launch the OPERATOR INTERFACE SOFTWARE REGISTRATION Web page. Complete the form and click Submit. You may immediately begin developing operator interface and SCADA (Supervisory Control and Data Acquisition) applications using Visual Designer.



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## Licensing

When Visual Designer starts, it will search for the license on the USB development hardkey. If found, the software will start normally. If not, it will start a 40-hour demonstration timer that will run as long as the software is open. The software will eventually time out after a cumulative 40 hours of use, after which a valid hardkey license must be purchased. It is required that the USB hardkey be connected prior to launching the software; otherwise, the 40-hour trial period will be decremented.

Even though the hardkey contains a single user license for the software, it is perfectly acceptable to have multiple users install the software and share the hardkey license between their PCs. The hardkey license mechanism only prohibits multiple users from simultaneously developing Visual Designer applications. This licensing methodology also simplifies the development process when a single user with multiple PCs needs to develop on both PCs at different times. An example is a user who has a desktop when in the office and a laptop when traveling.

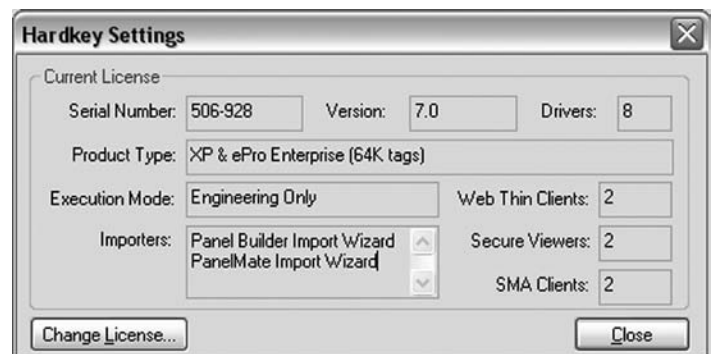
The development license purchased dictates what types of runtime units are supported (XV only, or XV, XP, ePro, and open PC). The runtime licenses preinstalled in the operator interface models dictate the maximum number of tags supported in the runtime unit. For example, 1500 or 4000 tags on the XV models and 4000 or 64,000 tags on the XP, ePro PS, and open PC. The maximum number of simultaneous communications drivers is 3, 5, or 8, and the maximum number of simultaneous Web client connections prelicensed is 1. Field upgrades for additional tags, drivers, and Web clients are available for purchase.

To view the license information on your hardkey, shut down Visual Designer software, then select Start > Programs > Eaton > Visual Designer > Register. The Protection Manager dialog shown in **Figure 1** will be displayed. Make sure the Hardkey radio button is selected and click on "Check"



**Figure 1. Protection Manager Dialog**

The Hardkey Settings dialog shown in **Figure 2** will be displayed, indicating the license contained in the USB hardkey. The values vary depending upon which hardkey and field upgrades you have purchased.



**Figure 2. Hardkey Settings Dialog**

License upgrades are available for both development and runtime features. Contact an authorized Eaton distributor for information on Visual Designer field license upgrades.

## Technical support

Once you have registered your Visual Designer development software, you are eligible to receive free technical support from Eaton's Technical Resource Center. The TRC can be reached at 877-ETN-CARE (877-386-2273) Monday through Friday from 8:00 a.m. to 5:00 p.m. Eastern. This is a global number that is toll-free when calling from within the United States. You may also contact the TRC's automation group via e-mail at CHATechSupport@eaton.com.

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