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Virtual Matrix Display Controller Software Installation

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Vicon Industries Inc. does not warrant that the functions contained in this equipment will meet your requirements or that the operation will be entirely error free or perform precisely as described in the documentation. This system has not been designed to be used in life-critical situations and must not be used for this purpose.

www.vicon-security.com



Dear Valued Customer:

Thank you for selecting Vicon systems and products for your video needs.

Since Vicon's beginning in 1967, our only business has been the design, engineering, and production of the highest quality video systems and equipment for use in a wide variety of security, safety, control, surveillance, and communication applications.

We stand behind the quality and dependability of every product with an industry leading Beneficial Use warranty.

If you are not satisfied with a Vicon product or service, I would like to know. Your complete satisfaction is the mission of every Vicon employee.

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth M. Darby". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Kenneth M. Darby
President

Virtual Matrix Display Controller Installation Guide

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General

This manual describes how to install the Virtual Matrix Display Controller (VMDC) software. It also provides instructions on upgrading a prior version of the VMC software to VMDC Version 6.

Prerequisites

The following are minimum hardware and operating system requirements for installation.

Windows 7

Operating System: Microsoft® Windows® 7 Ultimate.

CPU: Intel® Core™ i7-930 processor.

Motherboard: GIGABYTE GA-X58A.

BIOS: X58A-UD3R F5 or X58A-UD3R FA.

RAM: 4 GB.

Hard Drive: 250 GB minimum.

Video Card: Sapphire ATI HD 4650 with 1 DVI/HDMI and 1 VGA output each.

Power Supply: 750 W minimum.

Windows XP

Operating System: Microsoft Windows XP Professional or Embedded, SP 3.

CPU: Intel Core™ 2 Duo 3 GHz minimum.

RAM: 2-4 GB.

Hard Drive: 250 GB minimum.

Power Supply: 510 W minimum.

Notes:

1. Do not install the VMDC software on a machine running ViconNet®.
2. On Windows 7, User Authorization Control must be turned off.
3. The minimum hardware and operating system requirements are subject to change. For the latest requirements, refer to the Tech Support section on Vicon's website at www.vicon-cctv.com.

Important:

Installation on a Windows XP machine, including prior versions of the VMC software, installs the Virtual Matrix Control software only and does not

provide any internal decoding capability. The Vicon KRX-3 hardware decoder(s) or another VMDC running Windows 7 will be required to direct the video to the monitor(s).

Contents of Installation Package

The installation CD contains the VMDC software and a license. The system provides for operation of 2, 4 or 6 monitors. Two monitors can be driven per video card; therefore a total of 3 cards would be required for 6 monitors.

Installation

The software is typically installed from the VMDC Installation CD and will autorun once the CD is inserted in the drive.

Note: The installation described below shows a typical Windows 7 installation. The installation is essentially similar for a Windows XP machine and for an upgrade to the VMC software, with the differences noted in the procedure.

1. Insert the CD in the drive and autorun will begin. Click on the **Software** icon.



2. The ViconNet Virtual Matrix Display Controller (VMDC) software selection screen displays. Click the **ViconNet VMDC Version 6 Software** link.



ViconNet Virtual Matrix Display Controller (VMDC)

Click on the the line item below to start install.

ViconNet VMDC

- [ViconNet VMDC Version 6 Software](#)
- [ViconNet Drivers 923](#) (install after Installing VMDC software)

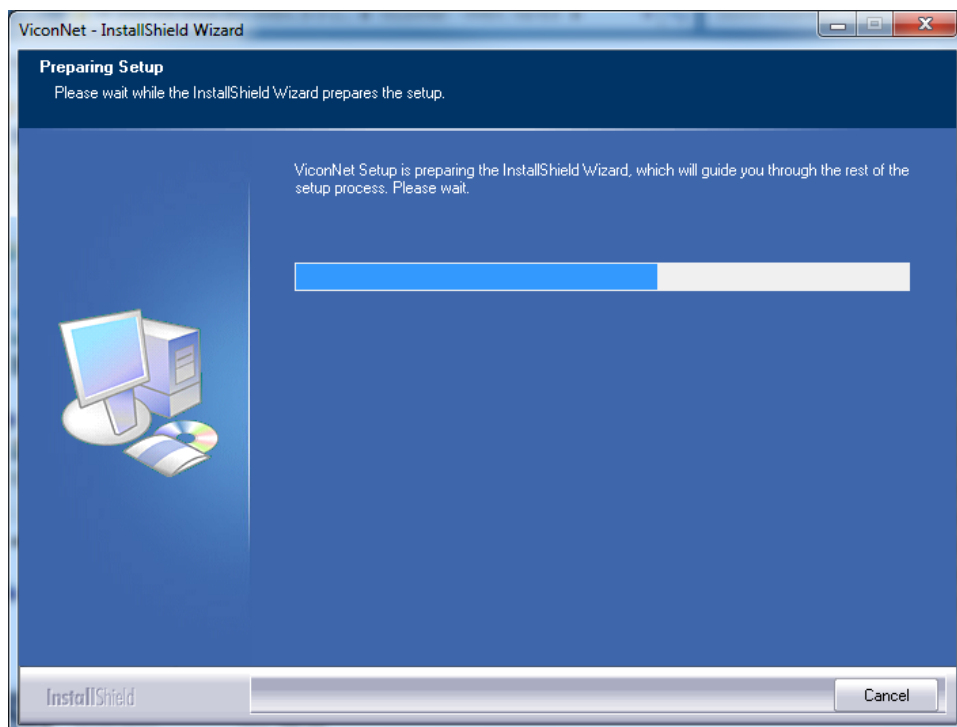
ViconNet KRX-3

- [KRX-3 Setup](#)

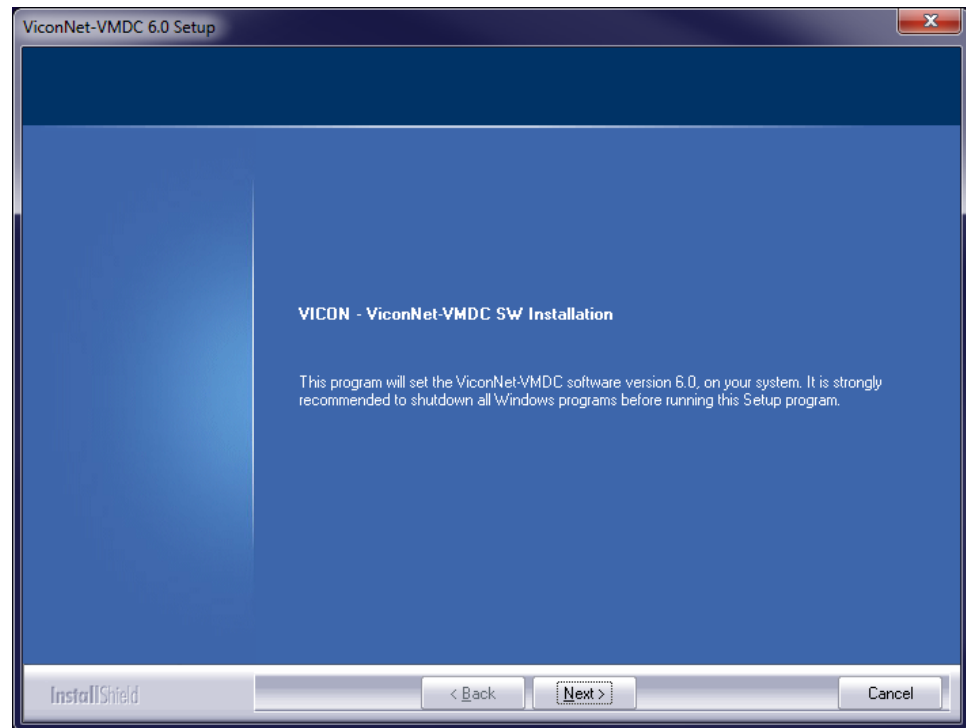
V1500X-SCCS System Console

- [Lantronix Device Installer Application](#) (for IP address setup)

3. The Preparing Setup screen displays.

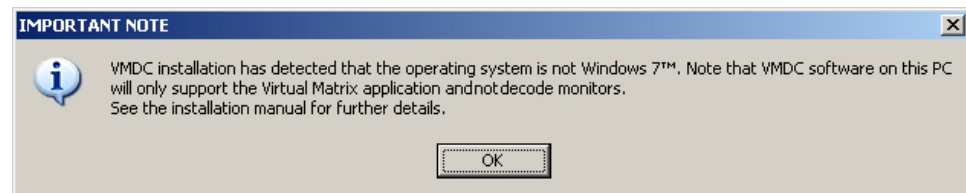


4. After setup loads, the VICON-ViconNet-VMDC SW Installation screen displays.

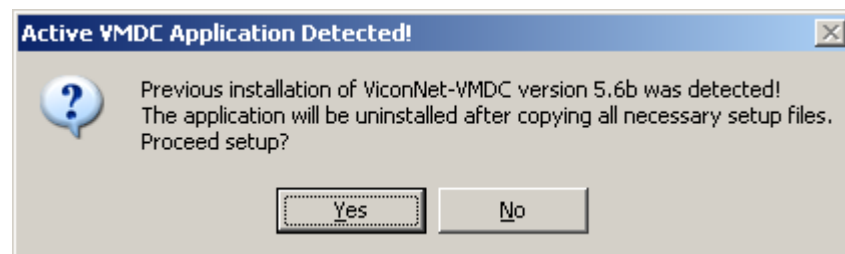


5. Click **Next**.

Note: If the software is being installed on a Windows XP machine, the following screen will display. Click **OK** to continue installation.

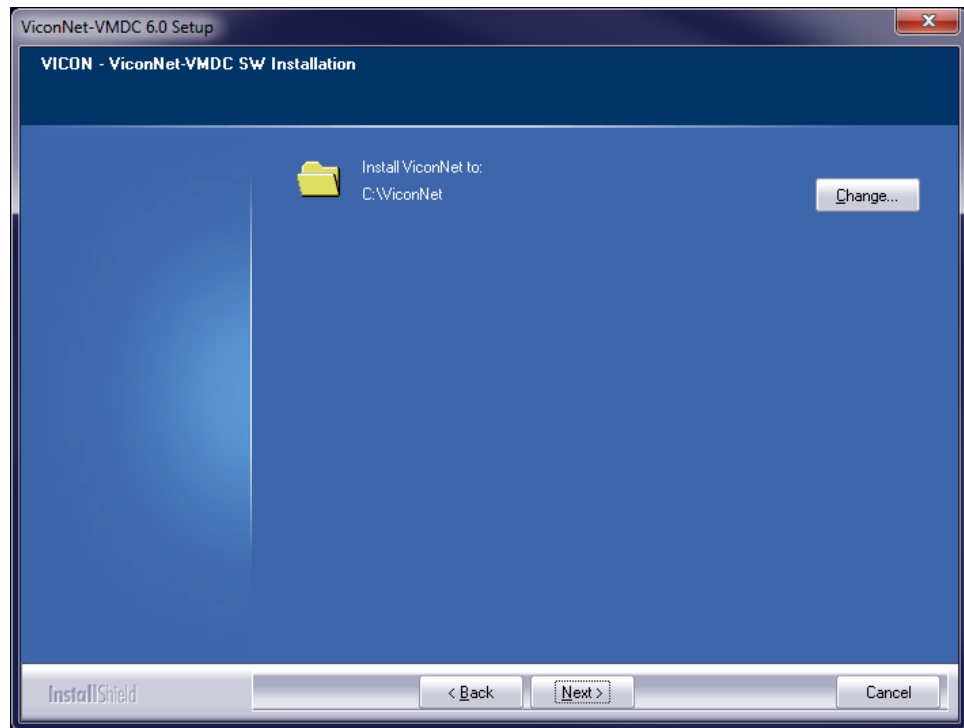


Note: If you are upgrading a prior version of the VMC software, the following dialog box displays:

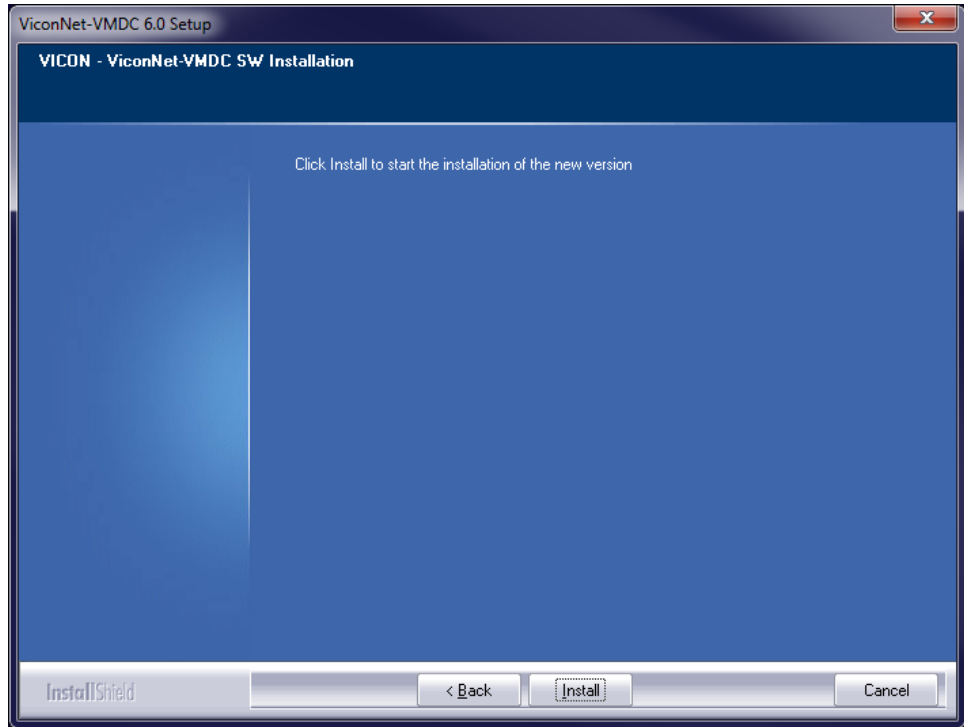


6. Click **Yes**. The old software will automatically be uninstalled and the VMDC software will be installed along with any required drivers or framework packages. Proceed to step 13 of this procedure.

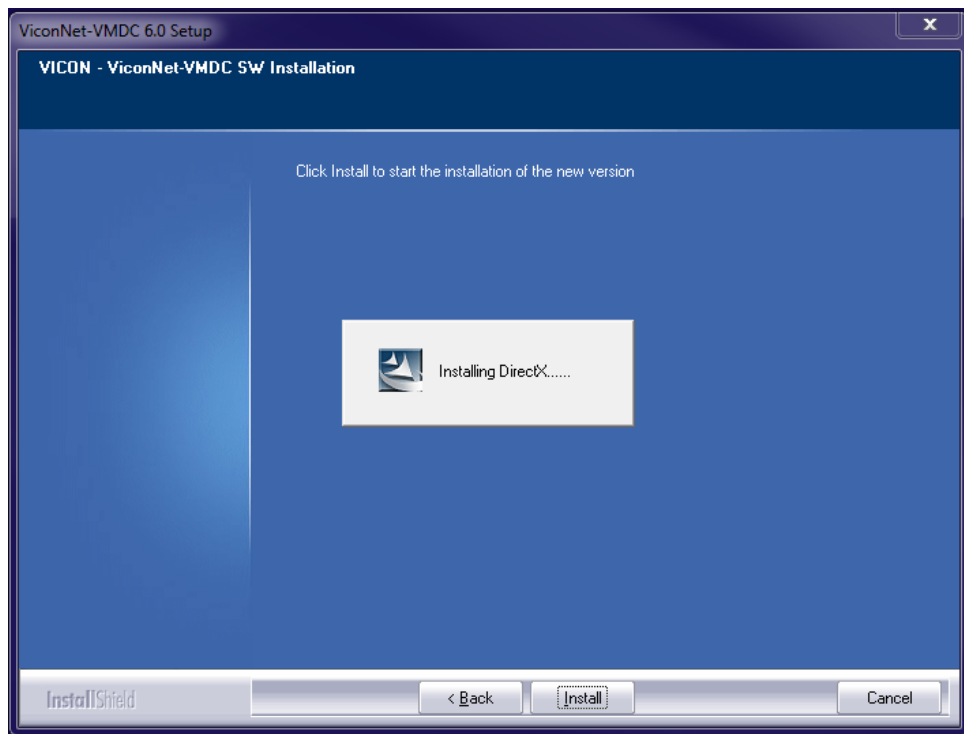
7. Select the folder where the VMDC software is to be installed, or choose the default folder. Click **Next**.



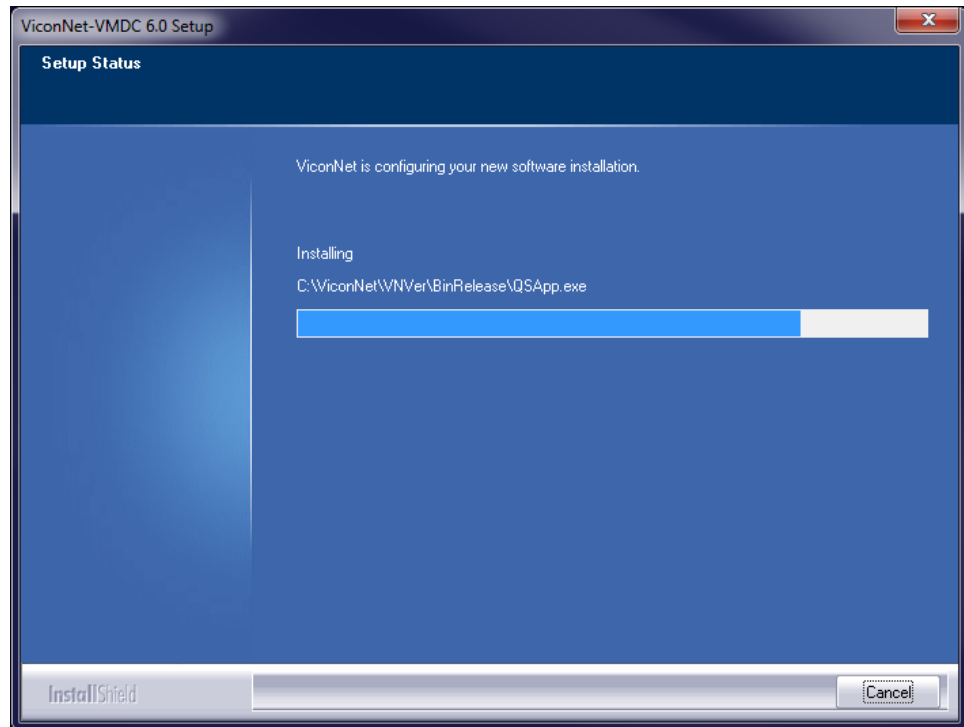
8. Click **Install**. The installation begins. Note that the Windows XP screens will look different than the Windows 7 screens.



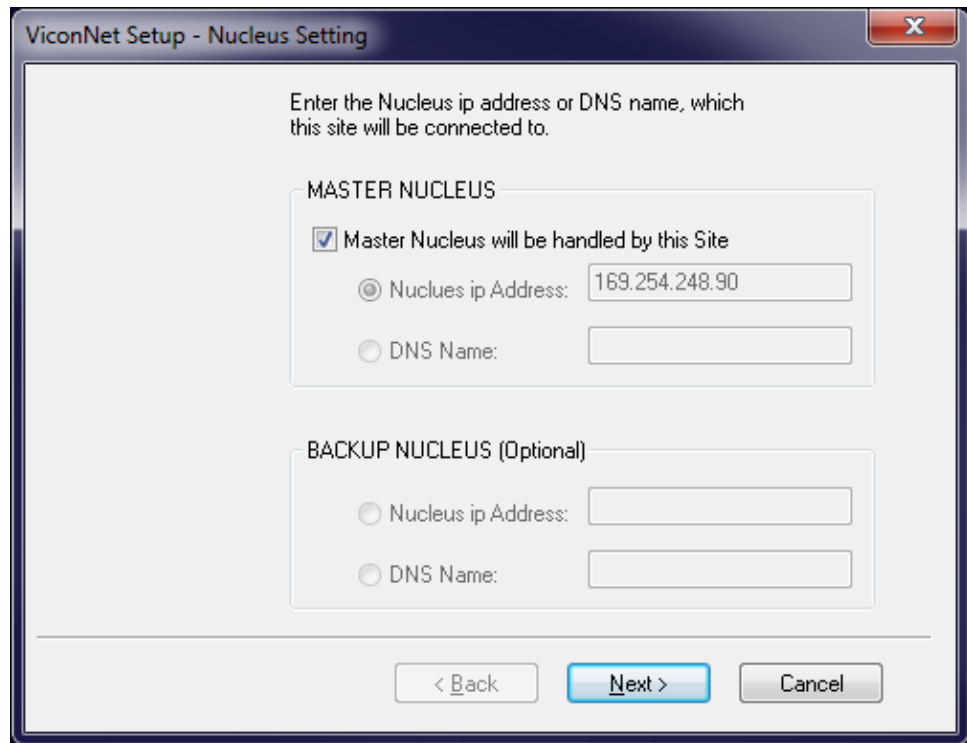
9. After the installation begins, the DirectX screen displays.



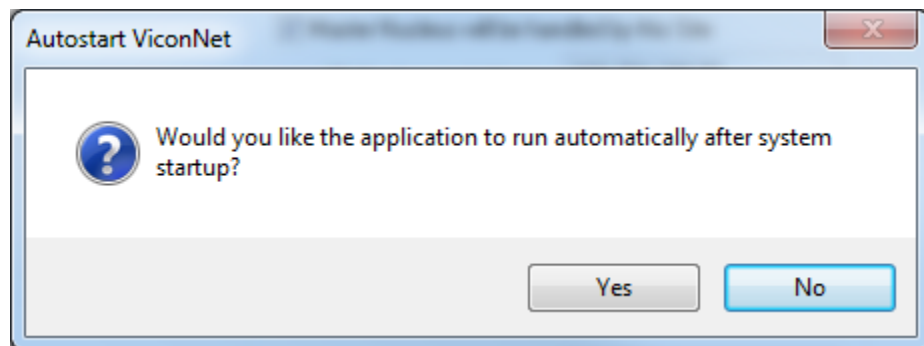
10. The installation continues.



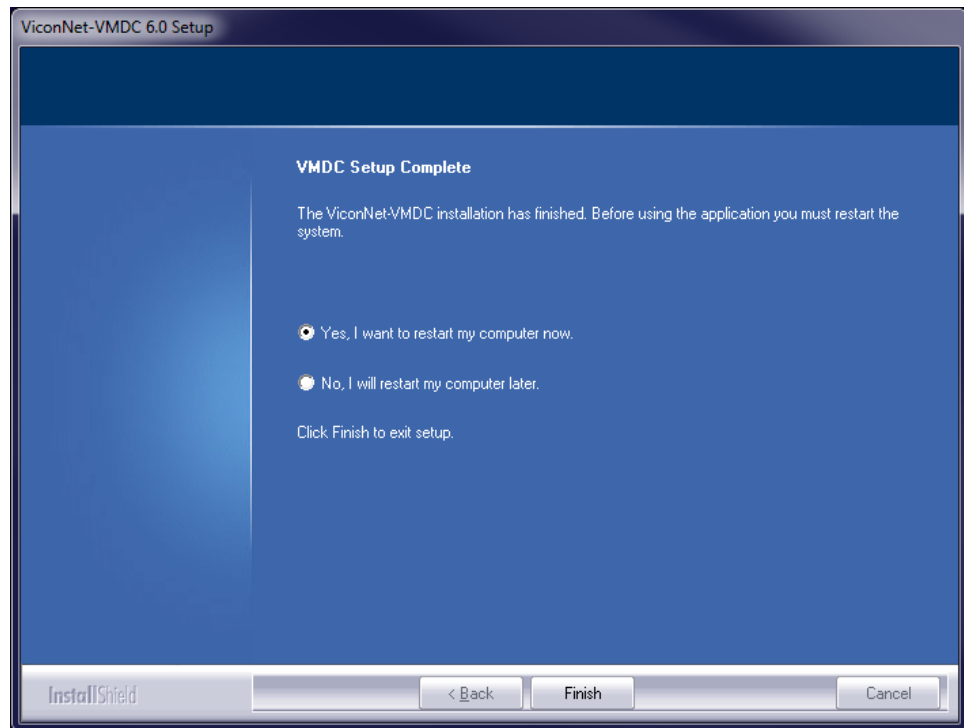
11. The Nucleus Setting dialog box displays. The IP address display in the MASTER NUCLEUS section will be the VMDC machine IP address. This must be changed to the ViconNet Nucleus machine IP address.



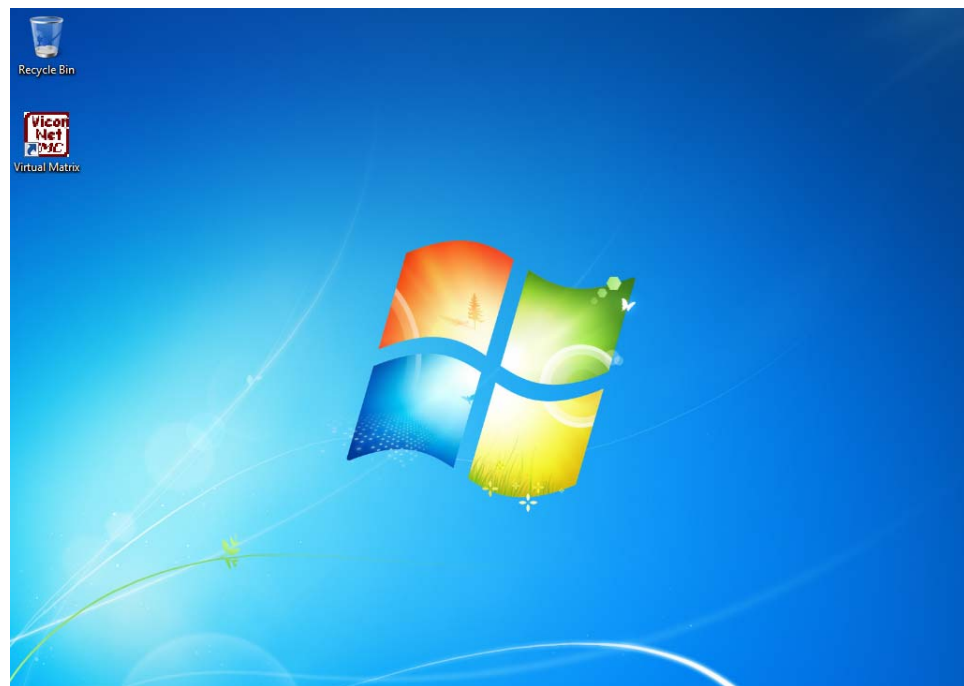
12. The Autostart ViconNet dialog box displays. Click **Yes**.



13. The VMDC Setup Complete screen displays. Click **Finish** to reboot the system.

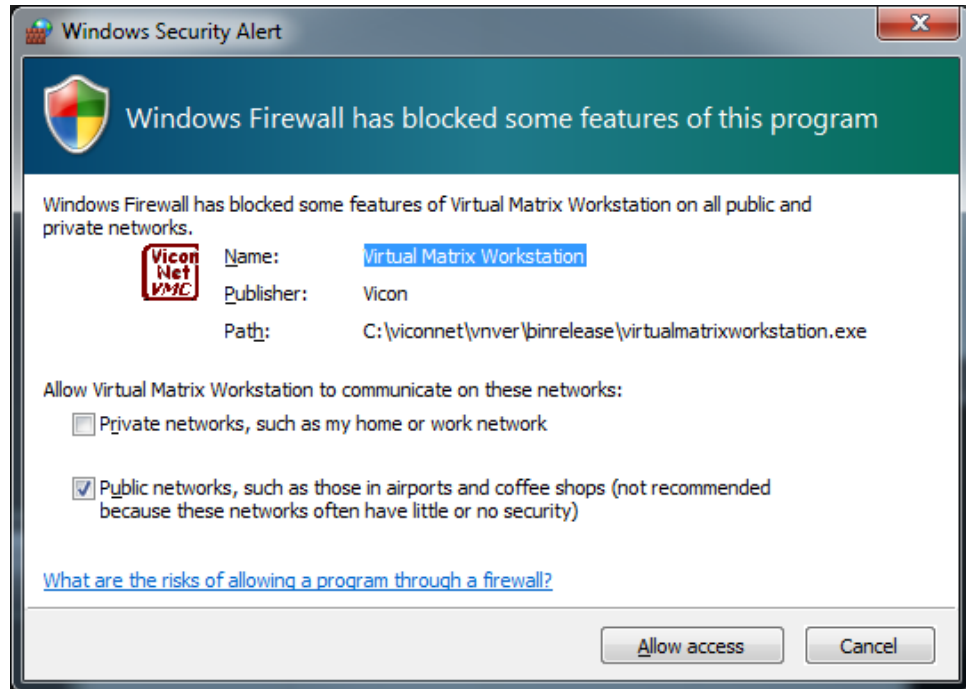


14. After the system reboots, the Virtual Matrix icon will display on the desktop.

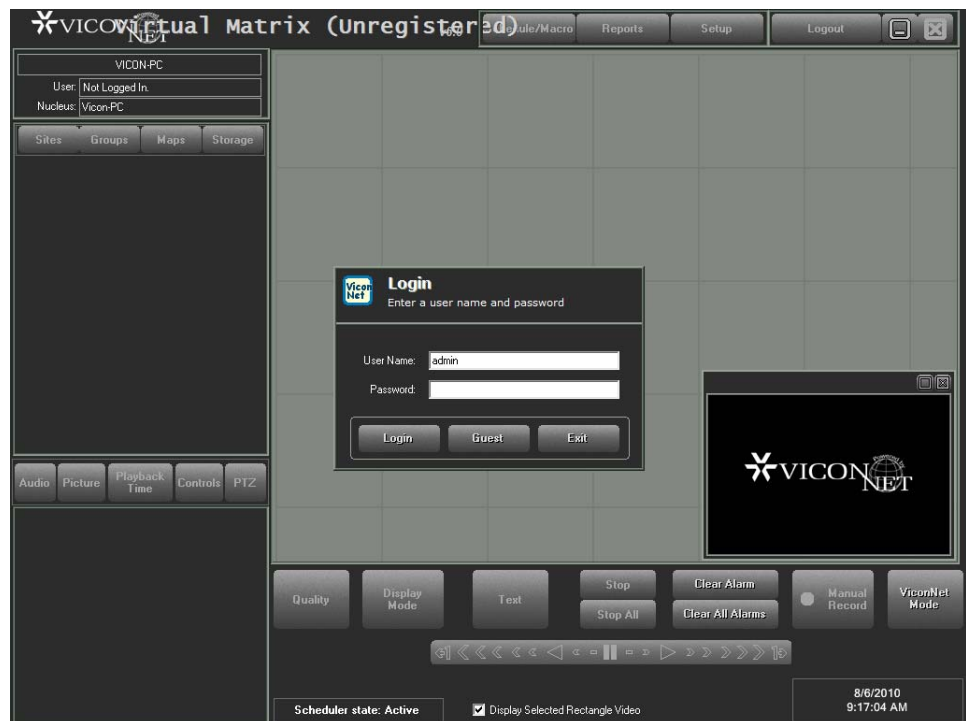


15. Click the icon to start the VMDC application.

16. The firewall warning dialog box displays. Click **Allow access**. (Unblock on Windows XP.)



17. The Virtual Matrix application displays.



Registration

The VMDC software must be registered to access the full functionality of the Virtual Matrix application. Prior to registration, it will only function as a viewer.

Go to Vicon's website at www.vicon-cctv.com or go to <http://ftp.vicon-cctv.com/regkeyoutside> (this URL can be used if registering from a mobile device). At the website, click on the ViconNet Registration button (link) and follow the online instructions.

If you encounter any difficulties in the registration process, call Vicon at 1-800-645-9116 (US only) or 1-631-952-2288. Dial Extension 270 and ask for software registration (Hours of Operation: Monday-Friday, 8:30 AM - 5:00 PM EDT).

The directions for opening the Registration Dialog Box in the software are located in Chapter 3 of the Software Manual for ViconNet under the heading "Registering Your System." Be sure to open this dialog box before calling. You will be asked for information found in the registration dialog box as well as the information contained on the License ID label.

Note: After entering the License ID and Password, the License Information Form will display. Fill this form out accurately. This is how you will be identified in Vicon's database for future reference. In the serial number field, enter the serial number of the PC on which the software is being installed.

Vicon Standard Equipment Warranty

Vicon Industries Inc. (the "Company") warrants your equipment to be free from defects in material and workmanship under Normal Use from the date of original retail purchase for a period of three years, with the following exceptions:

1. VCRs, all models: Labor and video heads warranted for 120 days from date of original retail purchase. All other parts warranted for one year from date of original retail purchase.
2. Video monitor CRT (cathode ray tube) and LCD monitors, all models: One year from date of original retail purchase.
3. Uninterruptible Power Supplies: Two years from date of original retail purchase.
4. VDR-408 and VDR-416 Recorder Series: One year from date of original retail purchase.
5. V5616MUX: One year from date of original retail purchase.
6. S10-CH: 18 months from date of original retail purchase.
7. Normal Use excludes prolonged use of lens and pan-and-tilt motors, gear heads, and gears due to continuous use of "autopan" or "tour" modes of operation. Such continuous operation is outside the scope of this warranty.
8. Vicon Security Management Systems (SMS) All Models: All hardware is warranted for two years from date of original retail purchase.
9. Any product sold as "special" or not listed in Vicon's commercial price list: One year from date of original retail purchase.

Date of retail purchase is the date original end-user takes possession of the equipment, or, at the sole discretion of the Company, the date the equipment first becomes operational by the original end-user.

The sole remedy under this Warranty is that defective equipment be repaired or (at the Company's option) replaced, at Company repair centers, provided the equipment has been authorized for return by the Company, and the return shipment is prepaid in accordance with policy.

The Company will not be obligated to repair or replace equipment showing abuse or damage, or to parts which in the judgment of the Company are not defective, or any equipment which may have been tampered with, altered, misused, or been subject to unauthorized repair.

Software supplied either separately or in hardware is furnished on an "As Is" basis. Vicon does not warrant that such software shall be error (bug) free. Software support via telephone, if provided at no cost, may be discontinued at any time without notice at Vicon's sole discretion. Vicon reserves the right to make changes to its software in any of its products at any time and without notice.

This Warranty is in lieu of all other conditions and warranties express or implied as to the Goods, including any warranty of merchantability or fitness and the remedy specified in this Warranty is in lieu of all other remedies available to the Purchaser.

No one is authorized to assume any liability on behalf of the Company, or impose any obligations on it in connection with the sale of any Goods, other than that which is specified above. In no event will the Company be liable for indirect, special, incidental, consequential, or other damages, whether arising from interrupted equipment operation, loss of data, replacement of equipment or software, costs or repairs undertaken by the Purchaser, or other causes.

This warranty applies to all sales made by the Company or its dealers and shall be governed by the laws of New York State without regard to its conflict of laws principles. This Warranty shall be enforceable against the Company only in the courts located in the State of New York.

The form of this Warranty is effective August 1, 2009.

THE TERMS OF THIS WARRANTY APPLY ONLY TO SALES MADE WHILE THIS WARRANTY IS IN EFFECT. THIS WARRANTY SHALL BE OF NO EFFECT IF AT THE TIME OF SALE A DIFFERENT WARRANTY IS POSTED ON THE COMPANY'S WEBSITE, WWW.VICON-SECURITY.COM. IN THAT EVENT, THE TERMS OF THE POSTED WARRANTY SHALL APPLY EXCLUSIVELY.

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