



INSTALLATION GUIDE

History

Date	Author	Version
May 27, 2014	Graceter P. Venzon	1.1



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GreatPOS System Installation Guide

Overview

GreatPOS is a very simple and easy to use Point of Sale System. It has a Simple user interface that is easy to use and learn. GreatPOS supports touch screen monitors, receipt printers, barcode scanner and a product look-up feature. It is very flexible and can be used by straight cashiering, fine dining, table service and food or outlet selling. GreatPOS is dynamic at the same time user friendly.

GreatPOS makes your sales recording easy through a button layout using an automatic layout generation based on category selection. You can monitor your inventory through a daily basis with GreatPOS Stock Inventory Module that tracks your Beginning Inventory, Deliveries or Purchases and Sales. GreatPOS let you track usage, monitor sales and stock, analyze inventory levels on an item-by-item basis and manage and monitor the user/cashier sales transaction. You can even control inventory right at the cash register with point-of-sale (POS) software systems. GreatPOS software records each sale when it happens, so your inventory records are always up-to-date. By running reports based on this information, you can make better decisions about ordering and merchandising.

GreatPOS is accredited by Bureau of Internal Revenue (BIR), with Accreditation number 21B-901858319-000672 that makes it a reliable POS system; it can print the Zreading Report that is required by BIR.

With a GreatPOS system:

- You can analyze sales records; figure out how well all the items on your shelves sell, and adjust purchasing levels accordingly.
- You can print the receipts, and the sales records with respect to the transactions of the system.
- You can maintain a sales history to help adjust your buying decisions for seasonal purchasing trends.
- You can supervise your employee/cashier attendance
- You can improve pricing accuracy by integrating bar-code scanners and credit card authorization ability with the POS system.

GreatPOS software systems enable you to use add-on devices at your checkout stations, including electronic cash drawers, bar-code scanners, credit card readers, and receipt or invoice printers. GreatPOS packages come with integrated accounting modules, including general ledger, accounts receivable, accounts payable, purchasing, and inventory control systems. In essence, a GreatPOS system is an all-in-one way to keep track of your business's cash flow.

GreatPOS Components

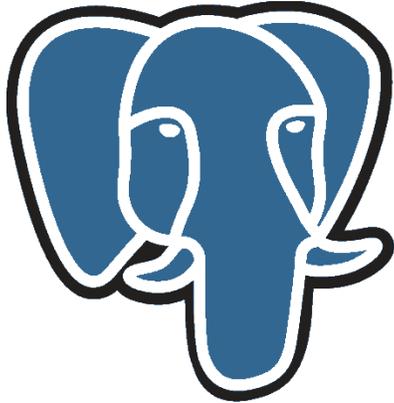
GreatPOS is a Computer-based POS systems consist of a computer platform, a variety of special peripheral devices such as POS Printer, barcode scanner, and a POS software Application which ties it all together.

Software required upon installation of GreatPOS system.

1. **Operating System** – GreatPOS is compatible with Windows such as windows XP, Windows7 and Windows8; MAC OS and Linux system.



2. **PostgreSQL** is a powerful, open source object-relational database system. The database of GreatPOS is supported by PostgreSQL.



PostgreSQL

the world's most advanced open source database

3. **Java** is a programming language and computing platform first released by Sun Microsystems in 1995. GreatPOS will not work unless you have Java installed. Java is fast, secure, and reliable.



4. **HAMACHI (LOGMEIN)** is a zero-configuration shareware application capable of establishing direct links between computers that are behind NAT firewalls without requiring reconfiguration; in other words, it establishes a connection over the Internet that very closely emulates the connection that would exist if the computers were connected over a local area network. Hamachi is used by the GreatPOS users and administrator to report issues to the BMWare support and technical staff.



5. **TightVNC** is a free remote control software package. With TightVNC, the administrator and the BMWare technical staff can manage and monitor the desktop of a remote machine and control it with their local mouse and keyboard. It helps the technical staff to fix the minor problem on the system virtually.



6. **GreatPOS application Software** it provides the user interface and all the features you will use during the operation of your business.



GreatPOS Hardware

GreatPOS system is based on ordinary desktop computers and operating systems, but has peripherals that are specific to retail POS.

1. **Computer** – GreatPOS systems are based on standard desktop computing technology. POS computer often have larger but quieter fans to minimize the heat and noise. Heavy duty power supply last longer than the standard items you'll find in most desktop machines. Hard drive does not have to be huge but it has to be reliable. Surge Protector and UPS are also advisable to prevent power-related crashes.



2. **Display** – Flat Panel monitors are ideal for POS applications because flat panel monitors use less power, generate less heat, and do not rob counter space.



3. **Cash Drawer** – is the main peripheral in any POS system. This cash drawer opens when you ring up a sale.

Types of Cash Drawer

- a. **Receipt Printer Driven Cash Drawer** – cash drawer that connect to your receipt printer. When Receipt is printed, a signal will pass to the printer to the cash drawer to open it.
- b. **Direct Connect Cash Drawer** – Cash Drawer that connect directly to your computer. The POS software will send a special code which opens the Cash Drawer



4. **Receipt Printer** – This device prints your customer receipts. It can also print out a Z-out Tape if required.



5. **Bar-code Scanner** – using a Bar-code Scanner is the most efficient and accurate way of ringing up sales at your checkout station. Once you applied label to all your items, you can record them up by simply scanning the product with a bar-code scanner.

Categories of Bar-code Scanner

- a. **Attached bar-code scanner** – attached to your computer via cable and perfectly suited for checkout counter POS stations.
- b. **Portable bar-code scanner** – portable data collection device that is useful for taking inventory. It consists of small computer, data storage, and bar code scanner integrated into hand held unit.



6. **Pole Display** – a pole display is a LCD or LED sign which shows the customer each item that's rung up. It can even flash advertisement to those waiting with their purchase.



GreatPOS Installation Manual

Installing GreatPOS system is a simple process that has the potential to heap great long-term rewards and savings. These simple-to-use but hard-to-crack software programs are designed as cash registers to store valuable inventory and pricing information as well as cash. These simple steps should aid you well in to successfully install your GreatPOS software.

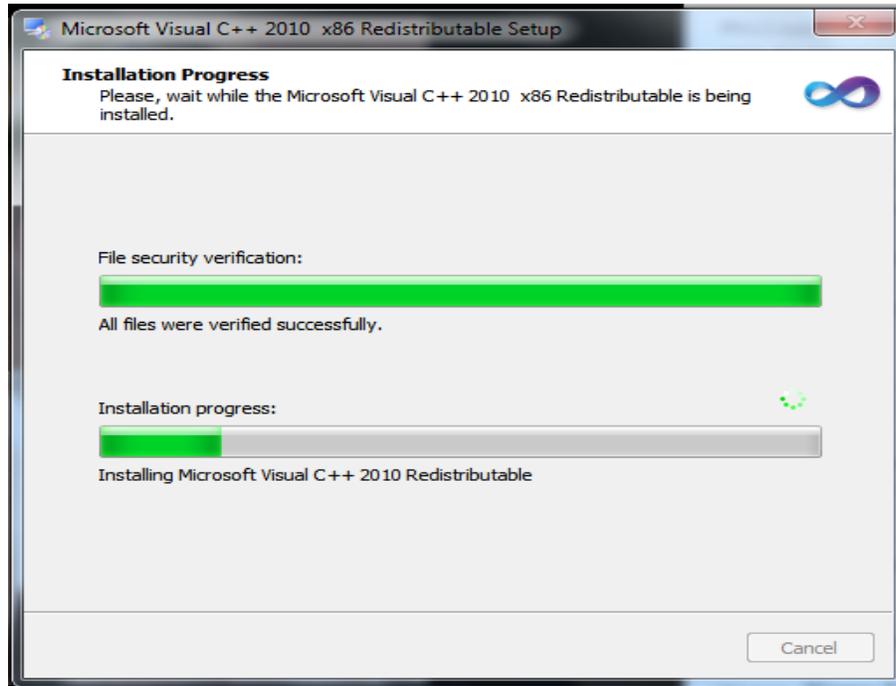
1. Install your UPS (Uninterruptible Power Supply). This serves as a power regulator to prevent failure as a result of the unpredictable fluctuation of electricity. This should be installed on all workstations.
2. Connect computers together, connect to Internet. This should involve all workstations. Be sure to take advantage of surge protectors for precautionous measures.
3. Utilize miscellaneous security measures. Disable file sharing on the network, lock your server with a password and install anti-virus software that has access to the Internet (and limits employee access). These are measures that are vital to protecting valuable business information from antagonistic hackers on the Web.
4. Install POS component software stated in this document. This hour-long process will configure databases on the POS server, effectively setting up your system for future use.

a. Install PostgreSQL

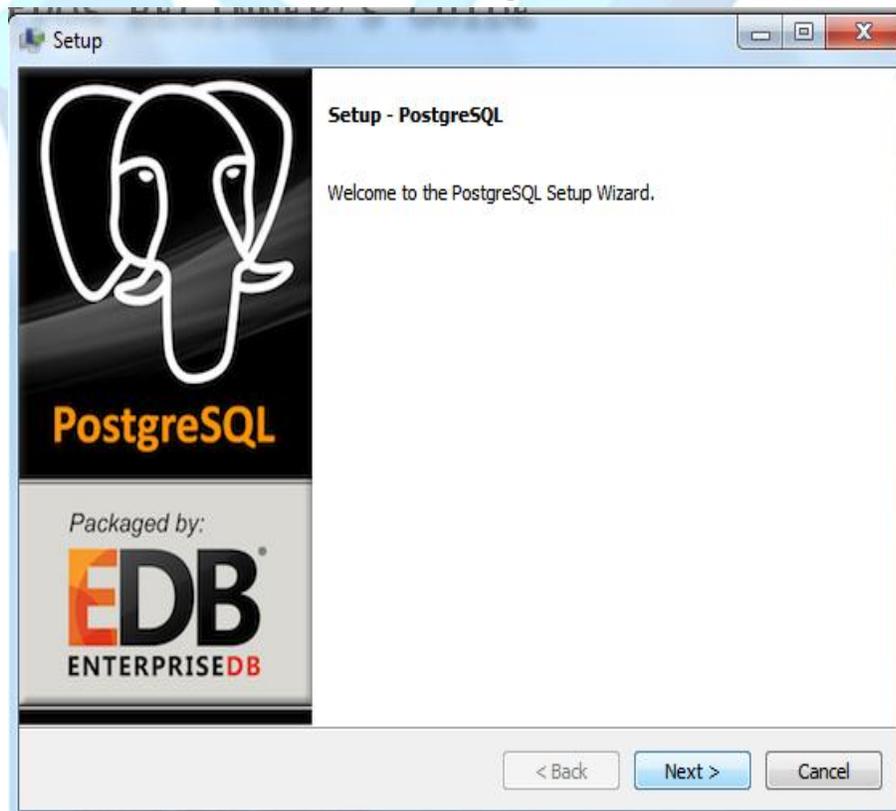
1. Double Click the PostgreSQL installer Icon and wait for the program to run.



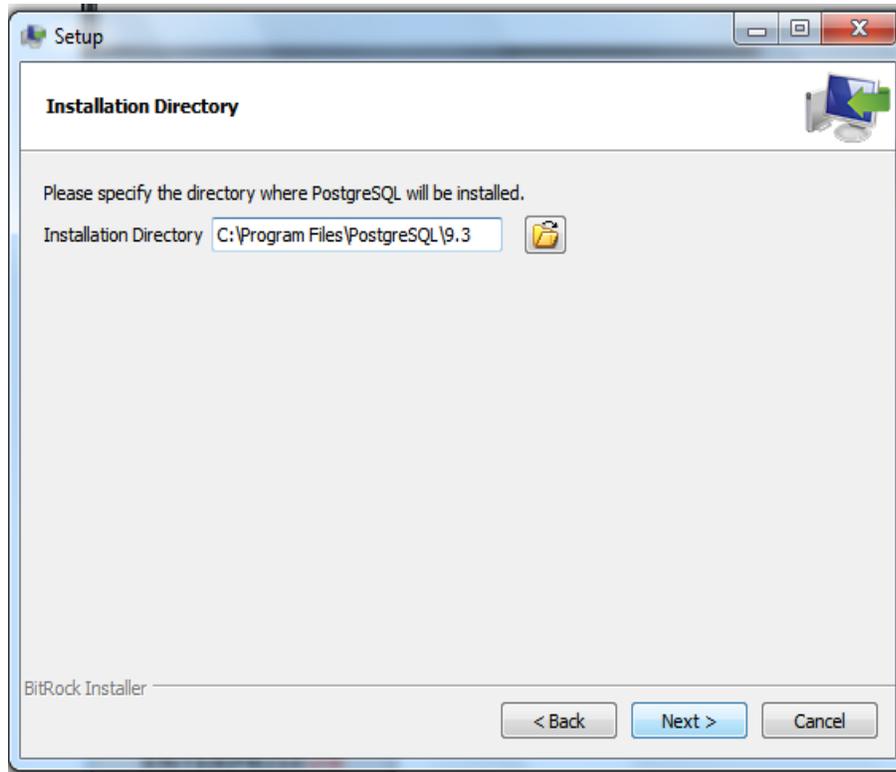
2. Wait for the Microsoft C++ to install



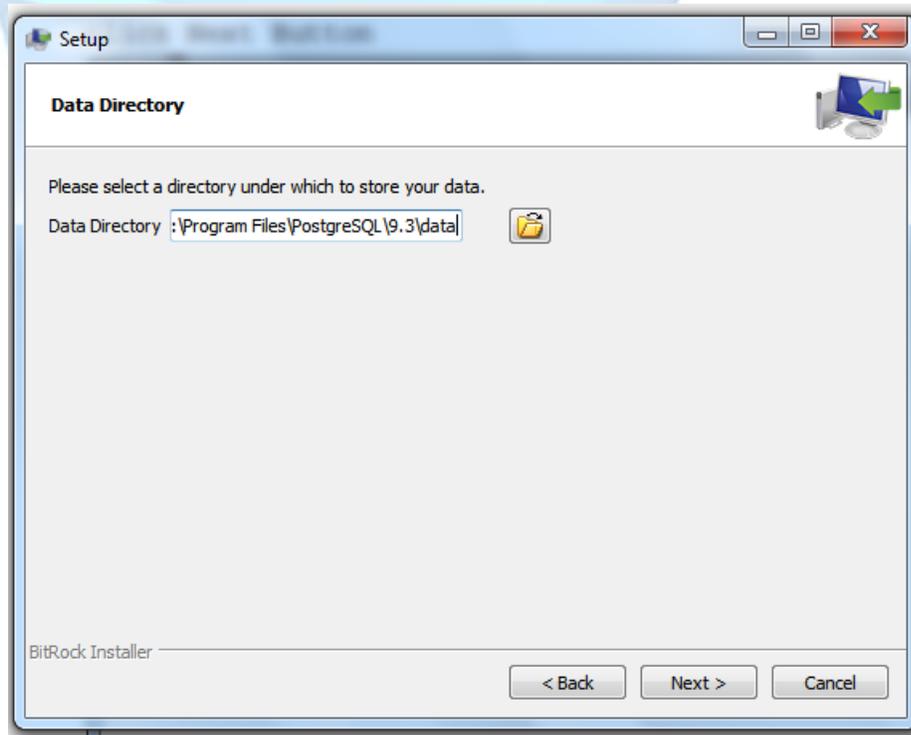
3. Read the welcome note of the PostgreSQL Software and click Next button.



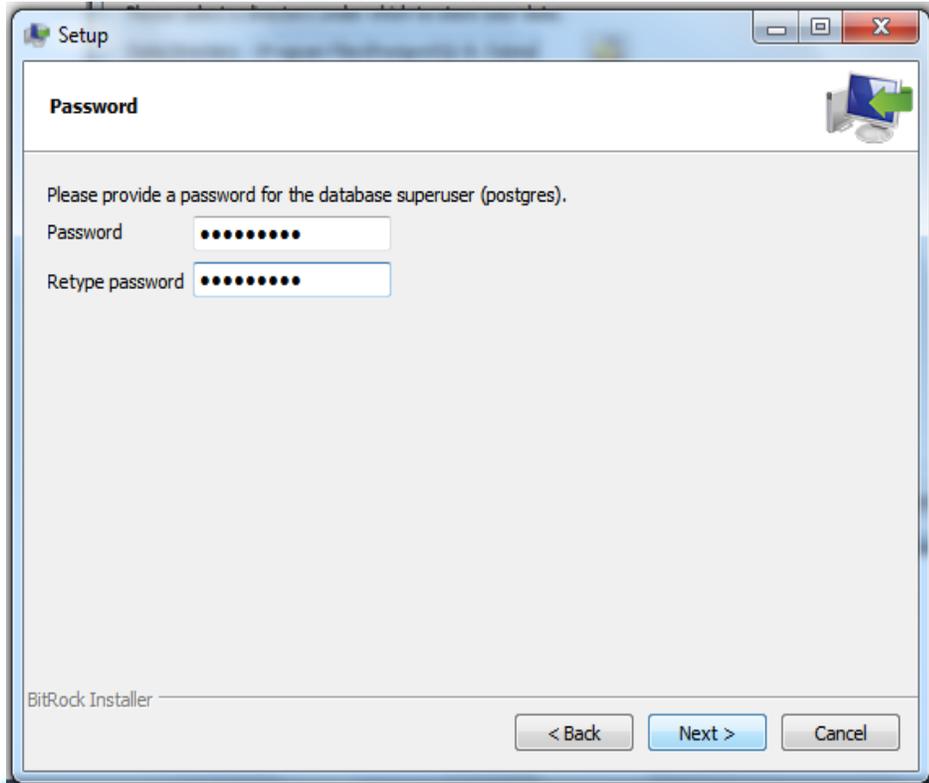
4. Check the destination folder of the installation and click Next Button.



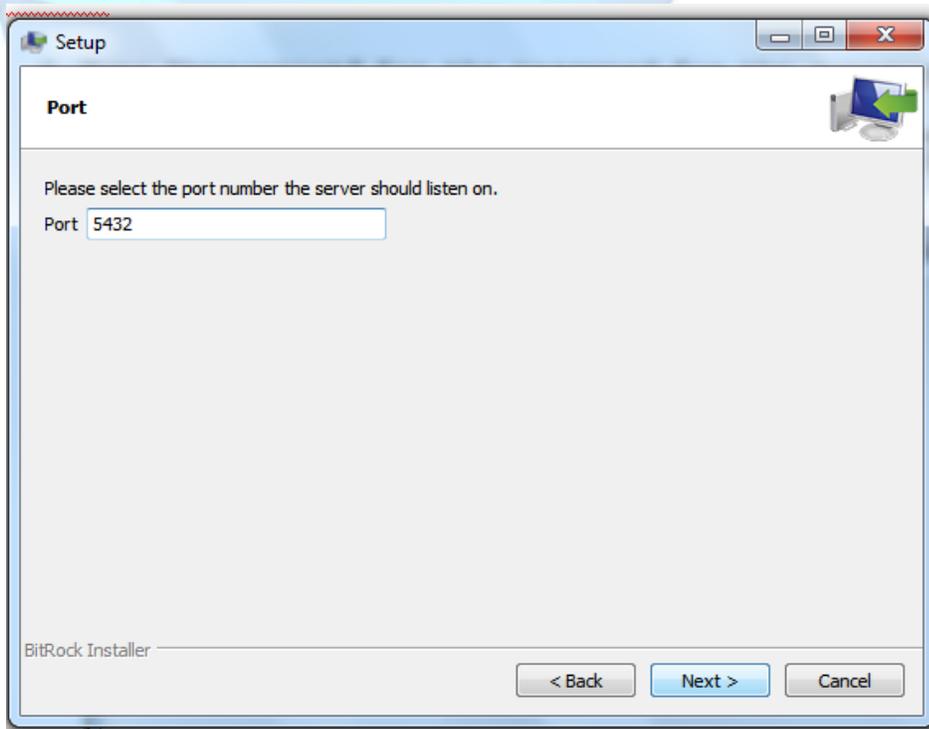
5. Check the data directory of the PostgreSQL system and click Next button



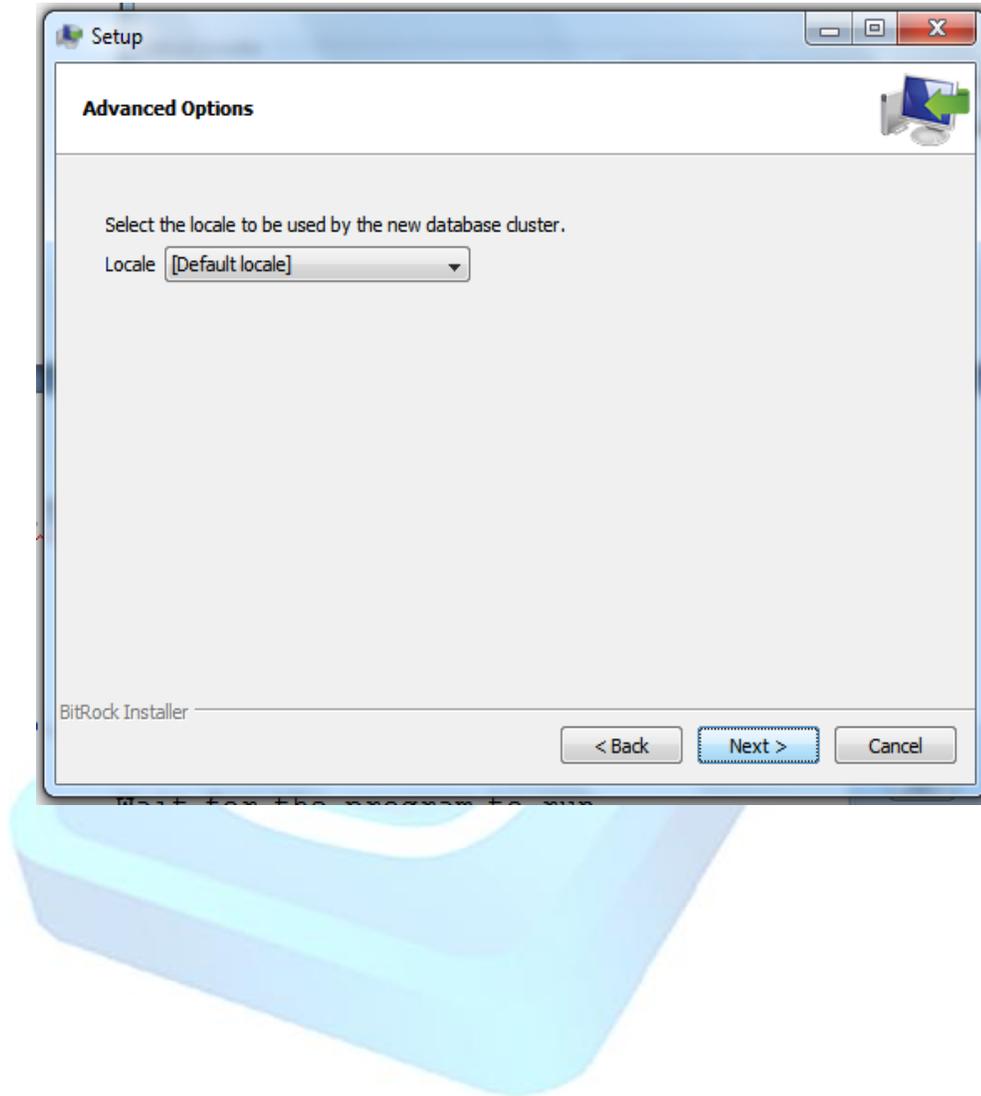
6. Type “bmsupport” for the password for the superuser then click Next button



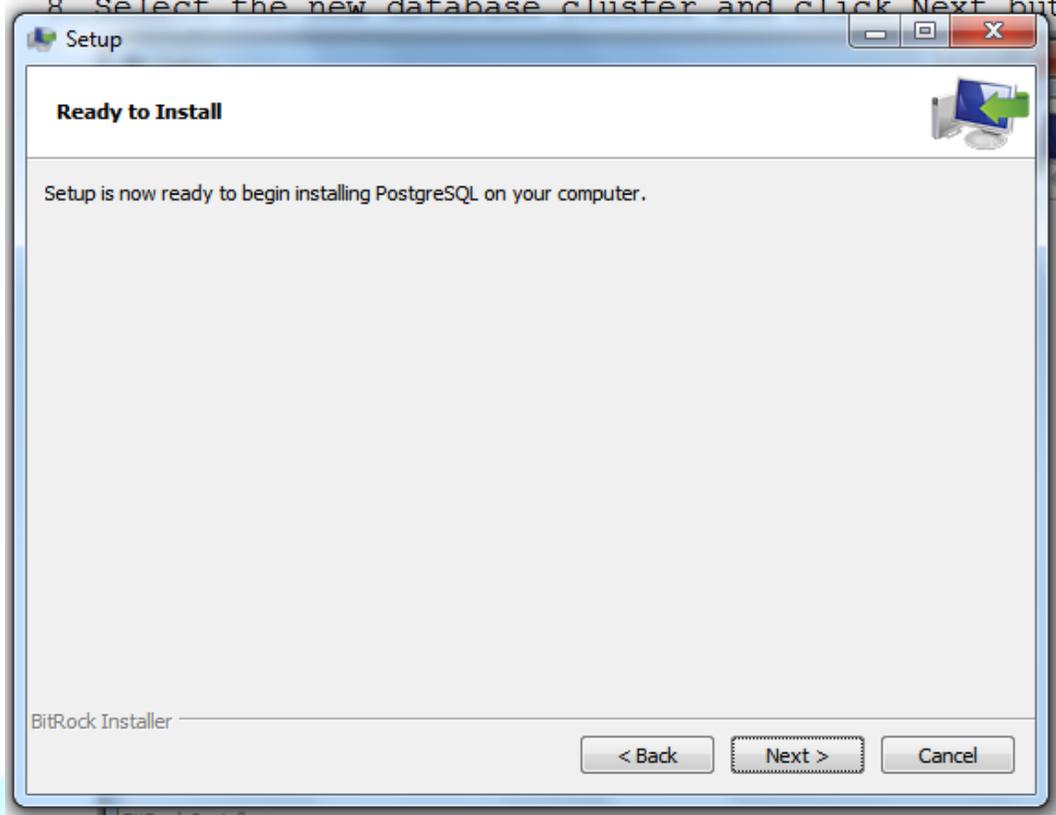
7. Enter the port number of the server and click Next



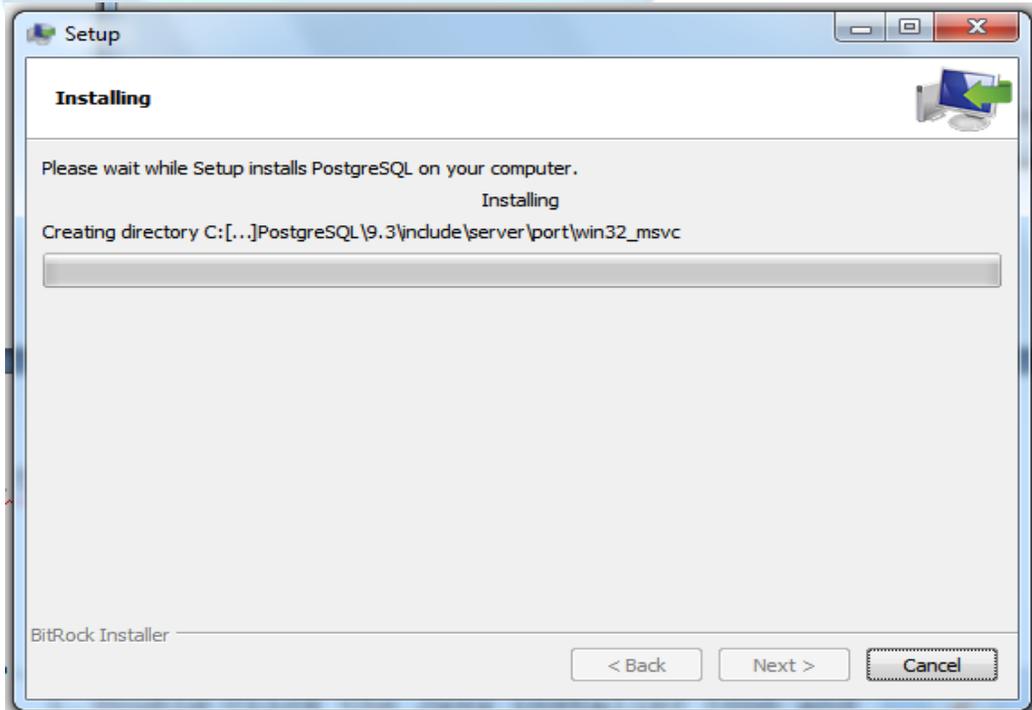
8. Select the new database cluster and click Next button .



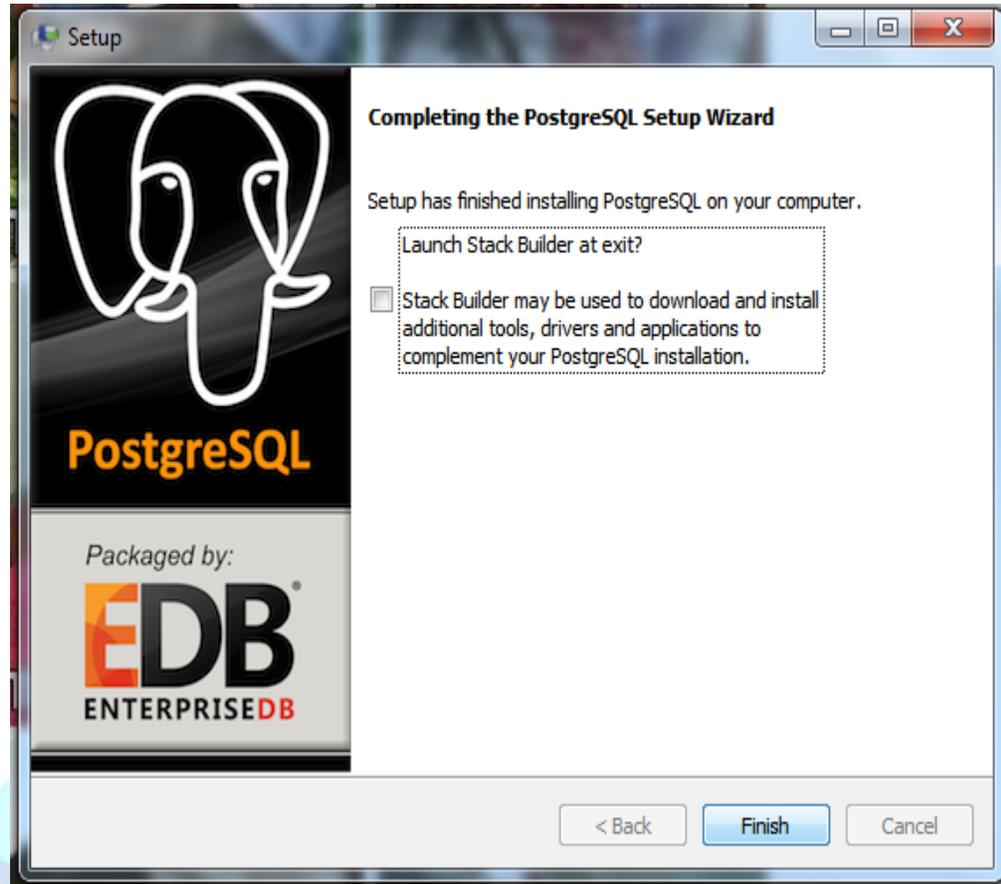
9. To begin setup wizard click Next button



10. Wait for the installation setup



11. Click finish to exit the installation setup

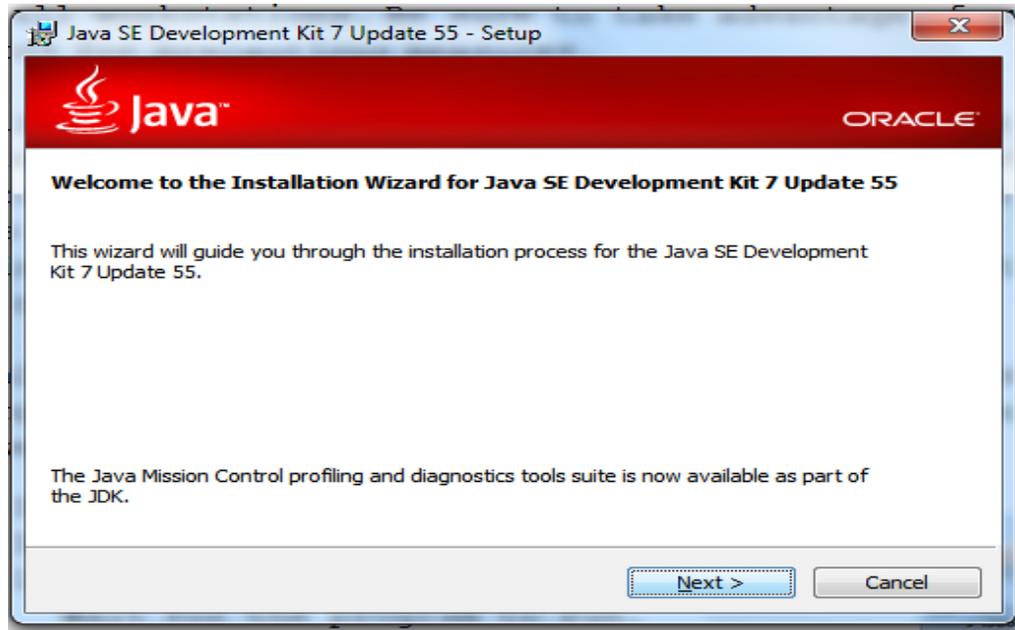


b. Install Java

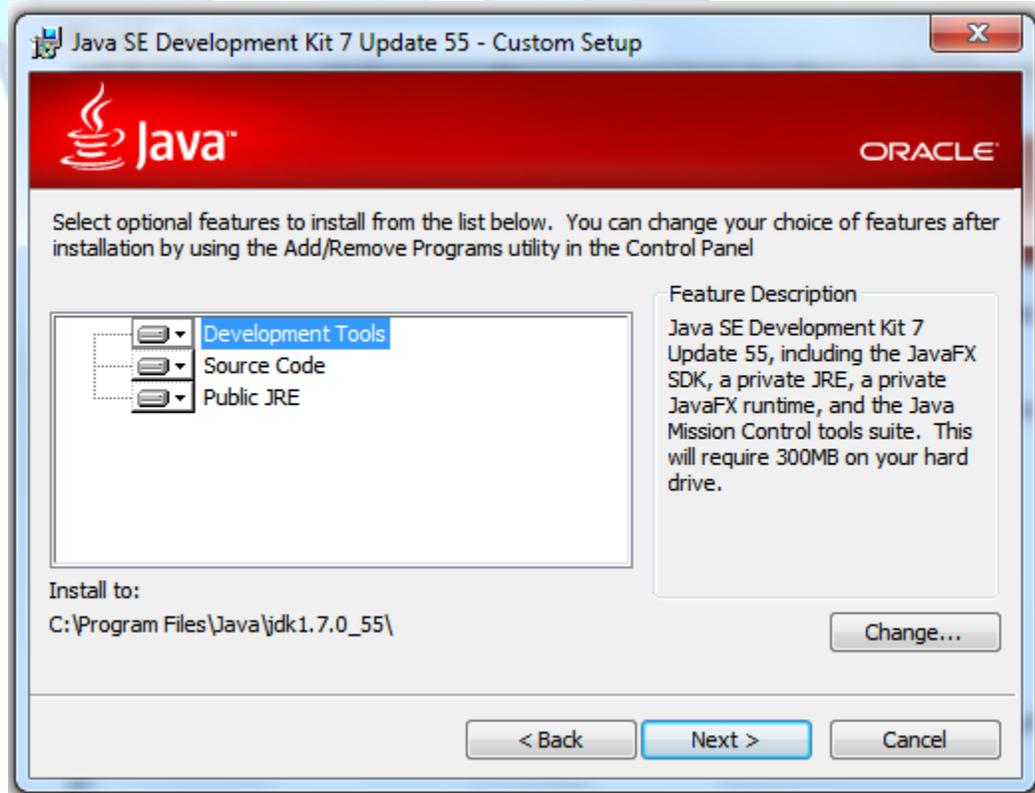
1. Double Click the Java installer Icon and wait for the program to run.



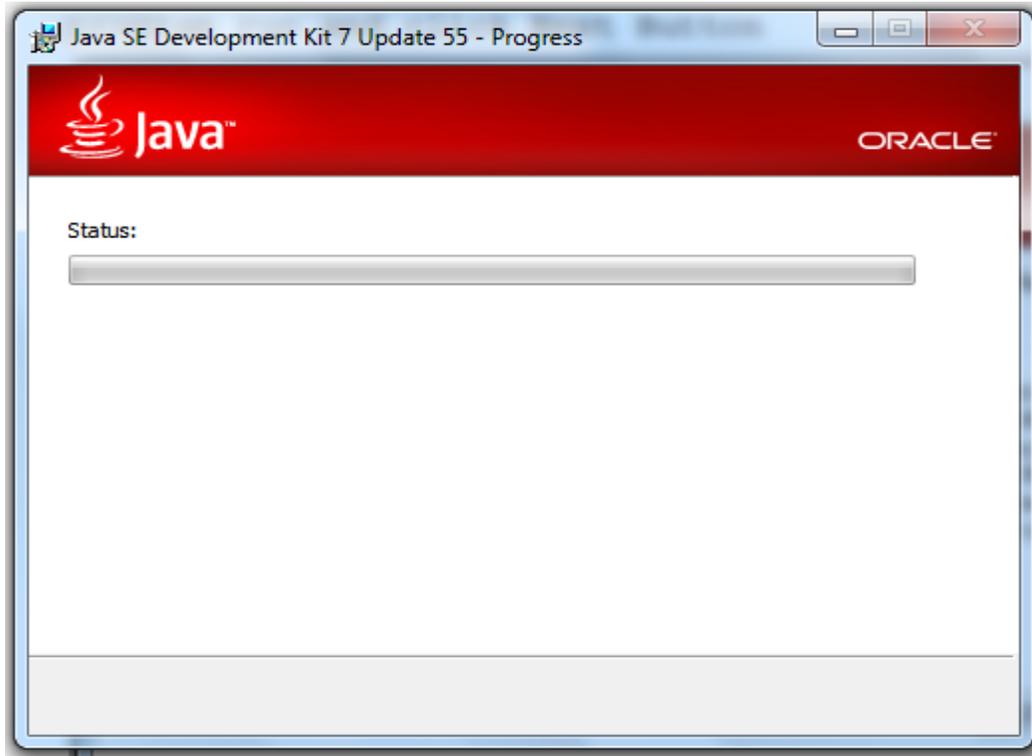
2. Read the welcome note of the Java Software and click Next button



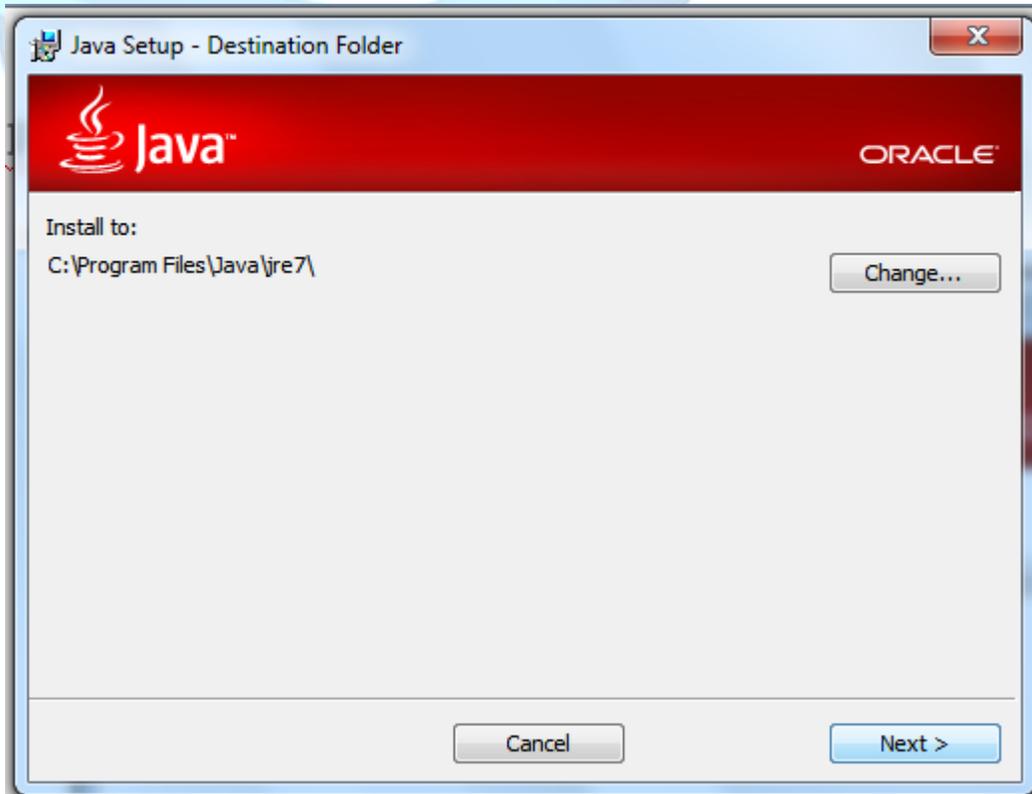
3. In this window you can select the features of your choice and change the folder location of the installation software. In this case, let the default program run and click Next Button .



4. Wait for the installation setup.



5. Another Java Installation will pop-up read and click Next Button



6. Then wait for the installation setup.



7. When the installation process is complete, click the close button to finish the installation .



c. Install the Hamachi LOGMEIN program

1. Double click the Hamachi installer Icon and wait for the program to run



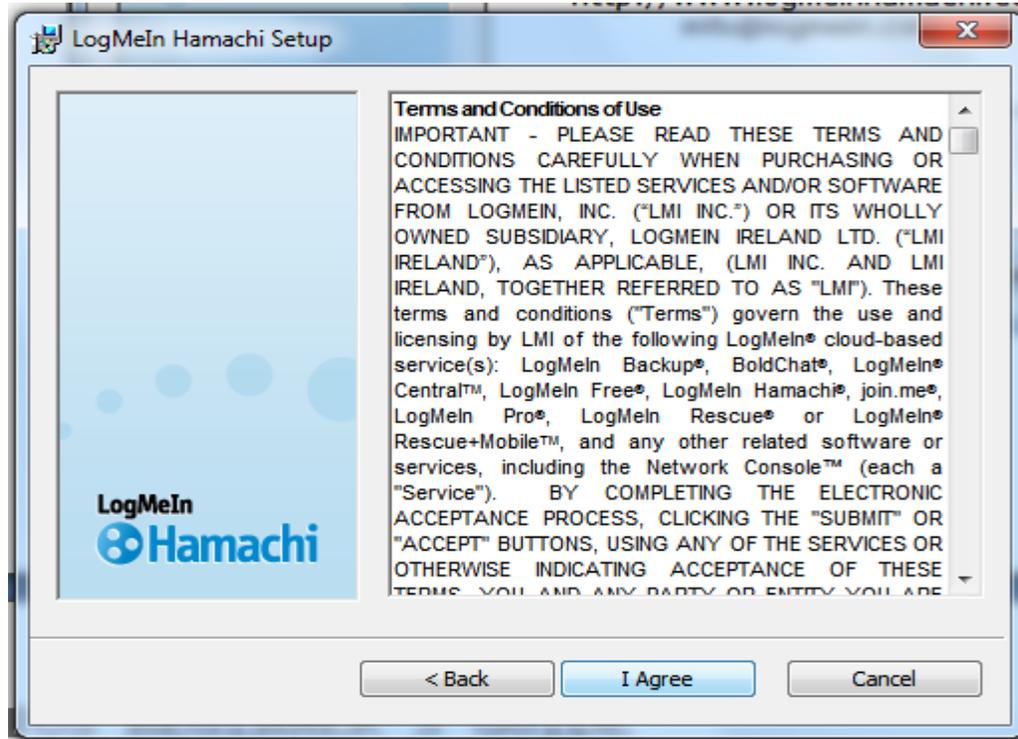
2. Choose the preferred language and click Next Button



3. Read the LogmeIn details and Click the Next Button.



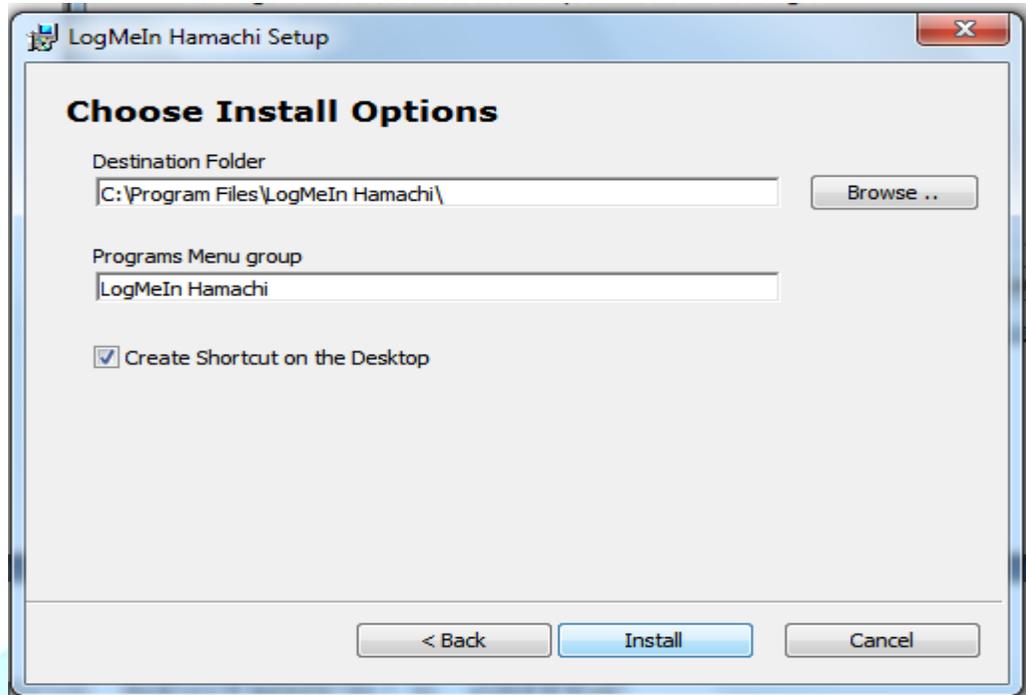
4. Read and understand the Terms and Condition of Use and Click I Agree Button .



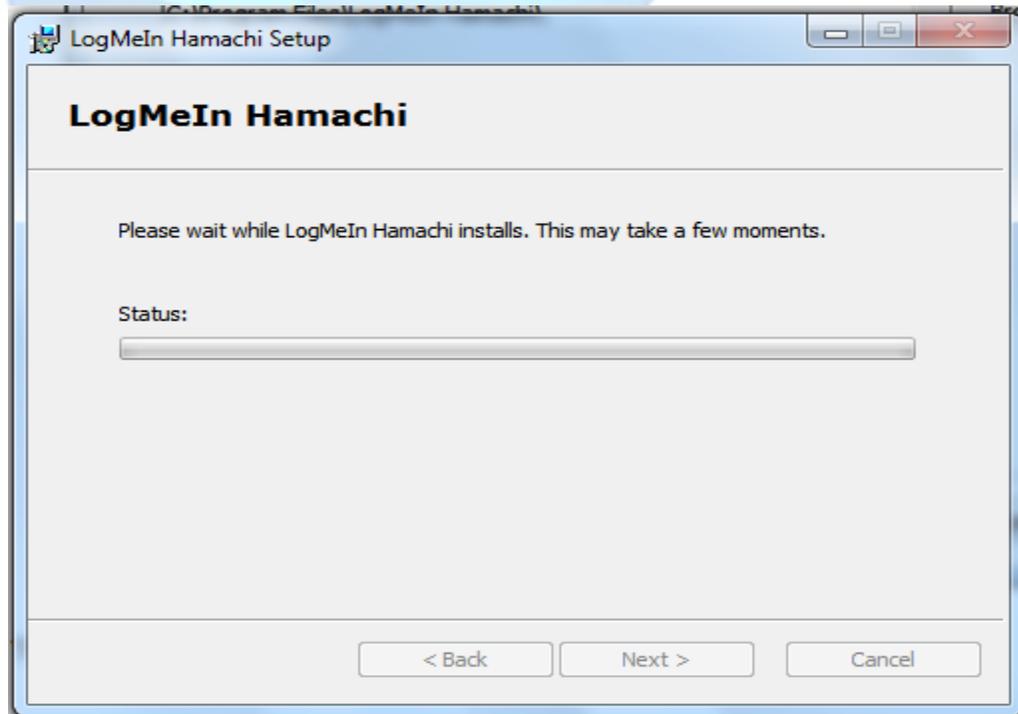
5. Read the information in the installation setup and click Next Button.



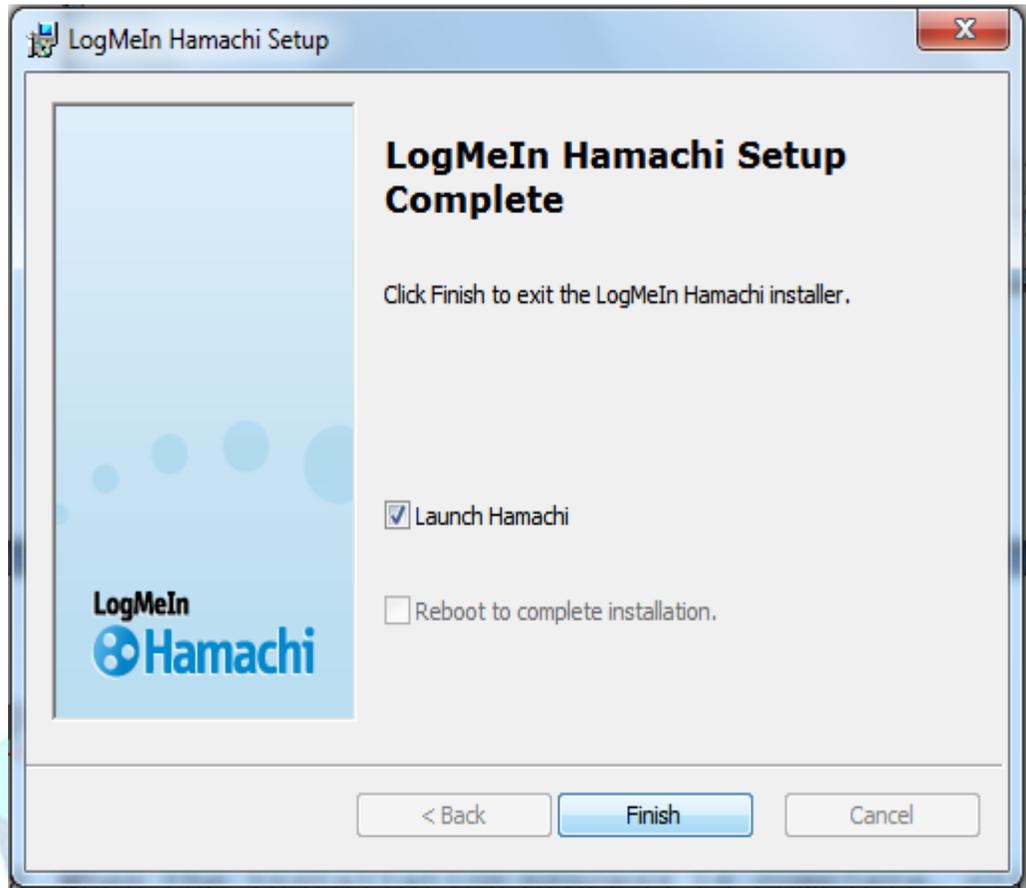
6. Check the details of the destination folder and programs menu group then click the small box on the left part to create Shortcut Icon on Desktop then click Install Button.



7. Wait for the installation setup .



- When the installation process is complete, click the close button to finish the installation

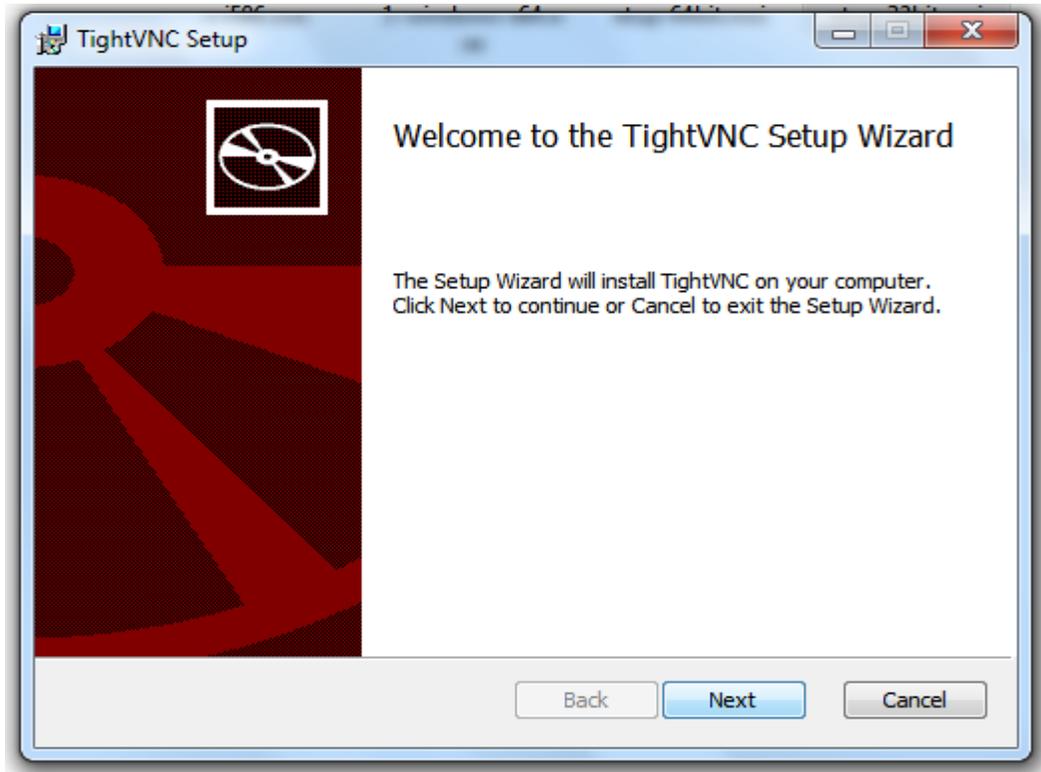


d. Install the TightVNC software

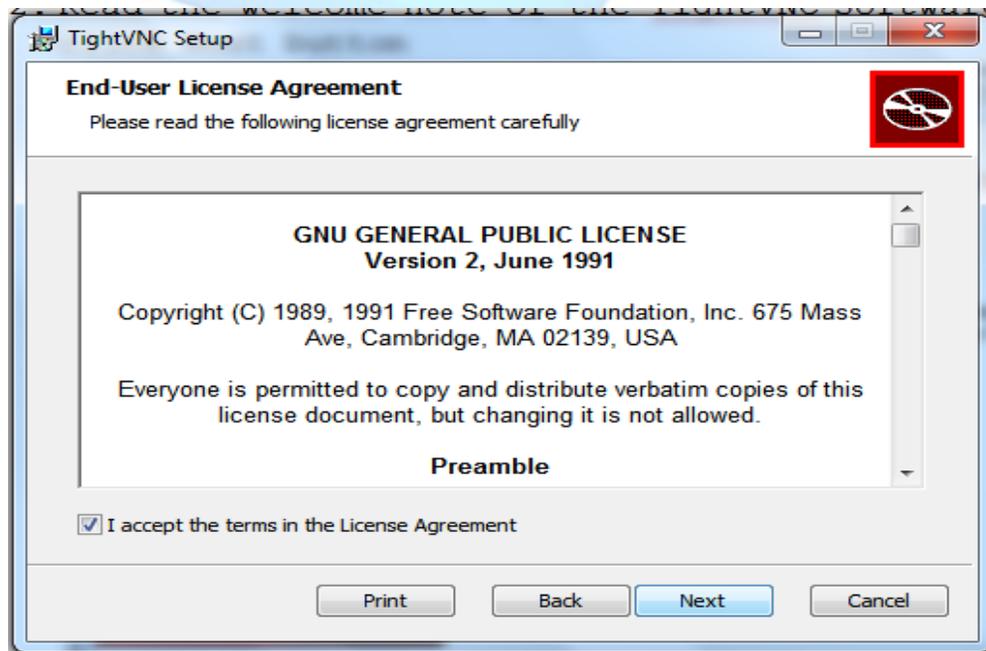
- Double click the TightVNC installer Icon and wait for the program to run



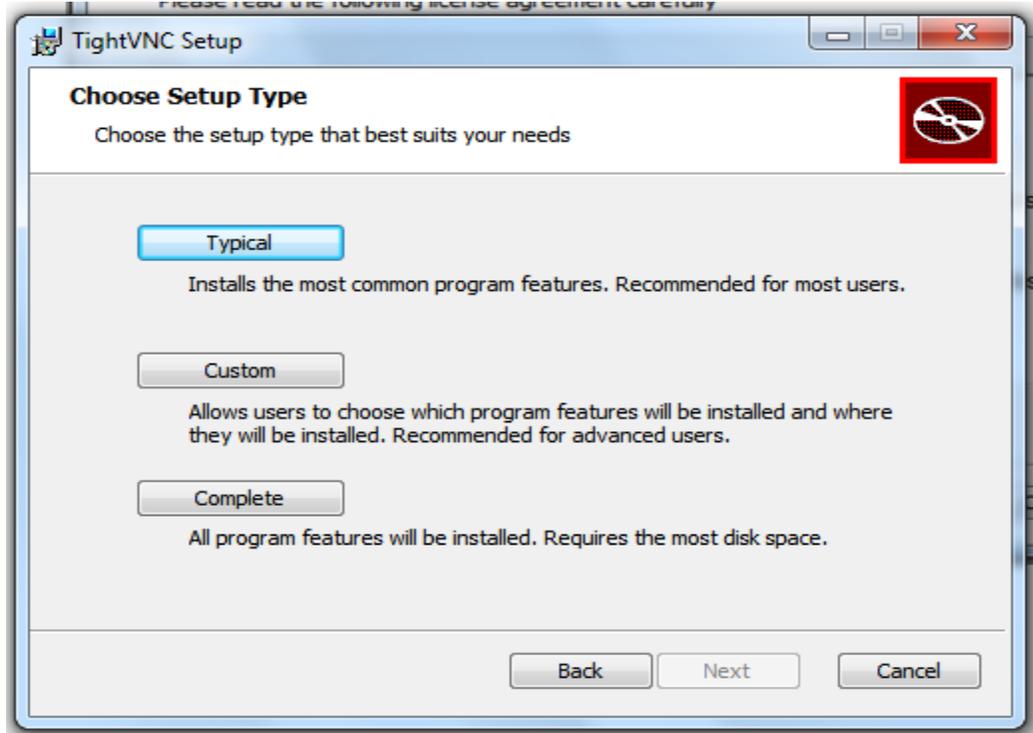
2. Read the welcome note of the TightVNC Software and click Next button.



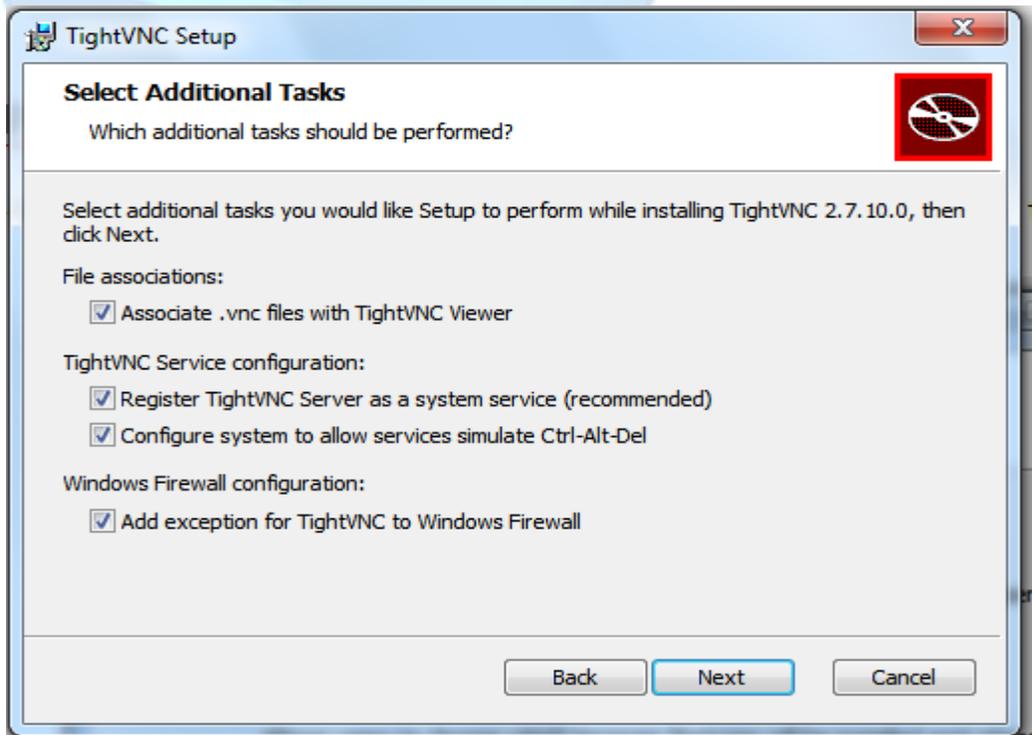
3. Read and understand the end-User License Agreement, the check the small box on the left portion if you accept the terms in the license agreement then click Next button.



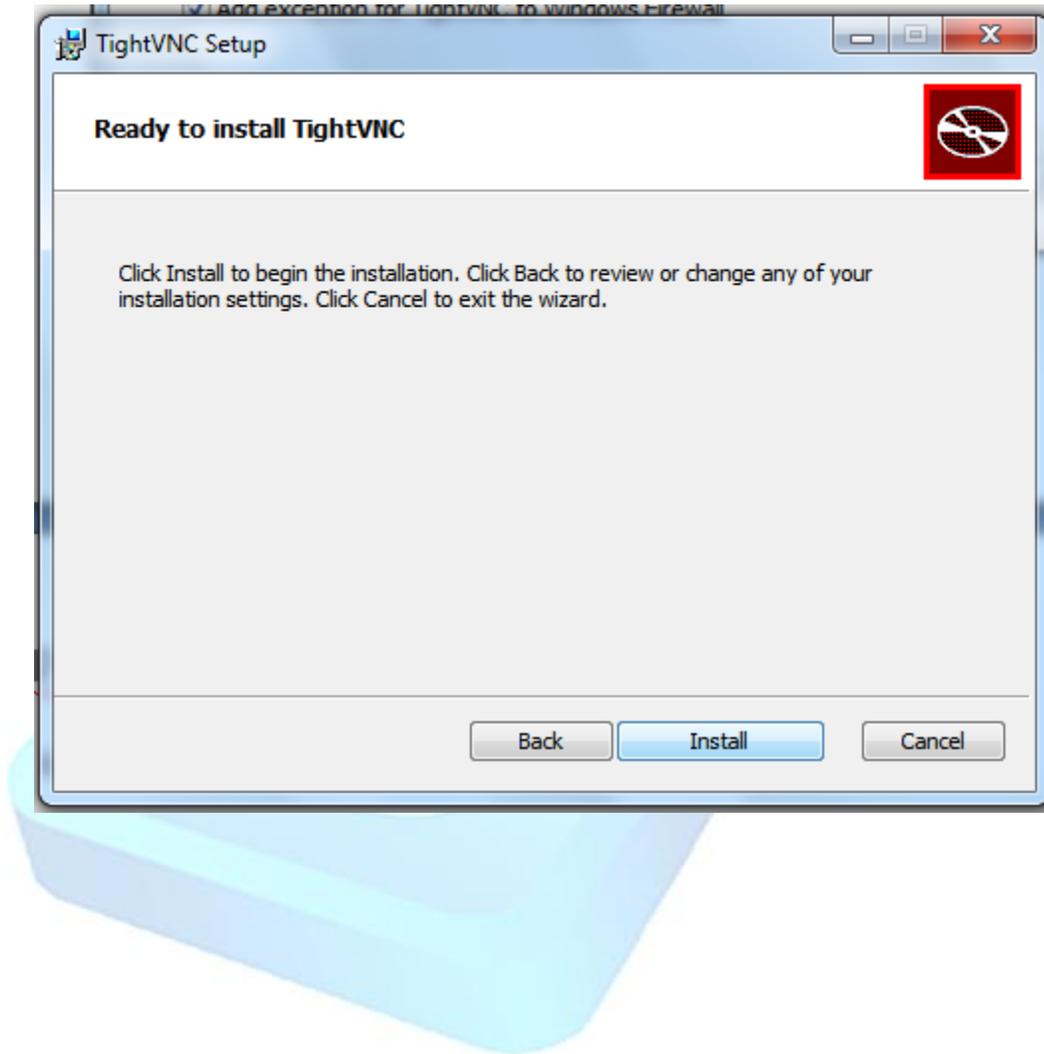
4. Choose the setup type you want to install. In this case choose the typical setup



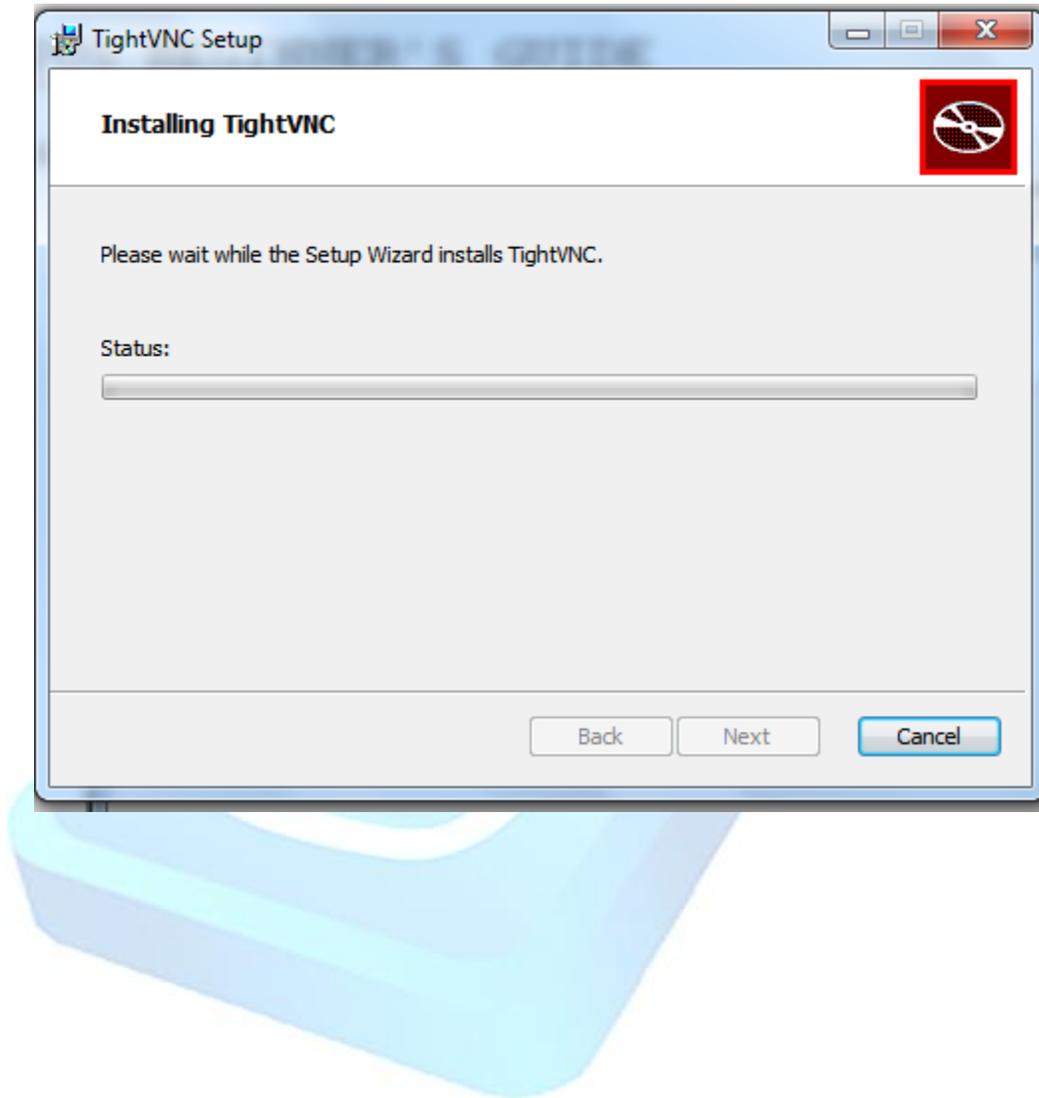
5. In this portion, you can select additional tasks to be performed by the software. In this case, we just select the default setup and then click Next Button.



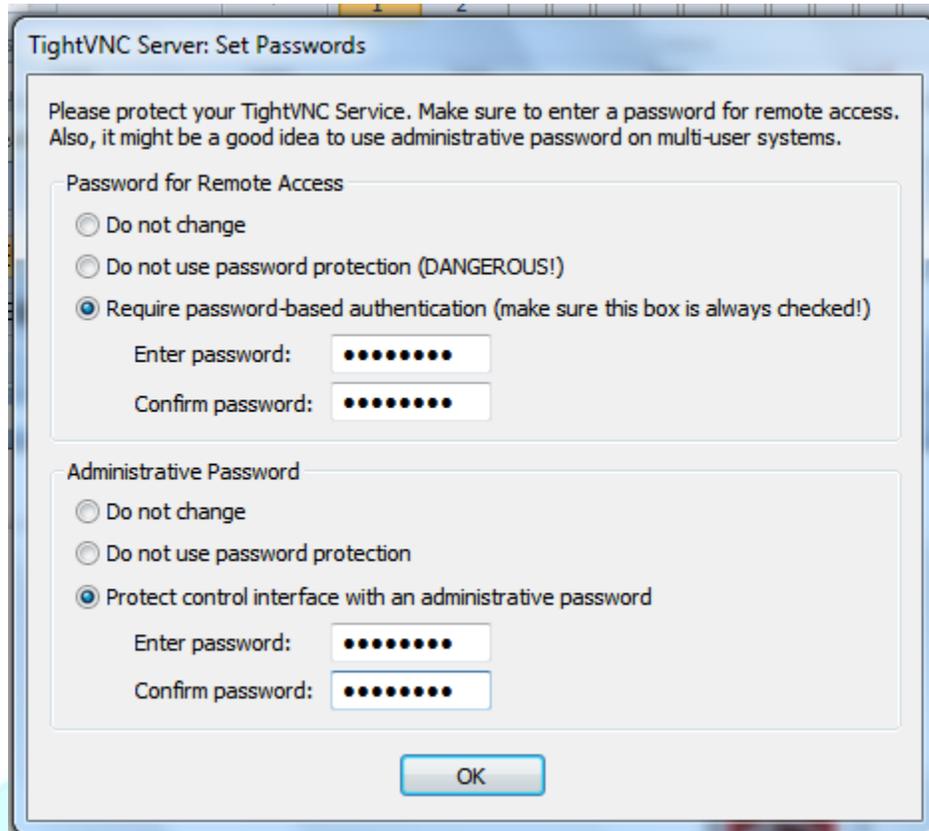
6. Then click Install button.



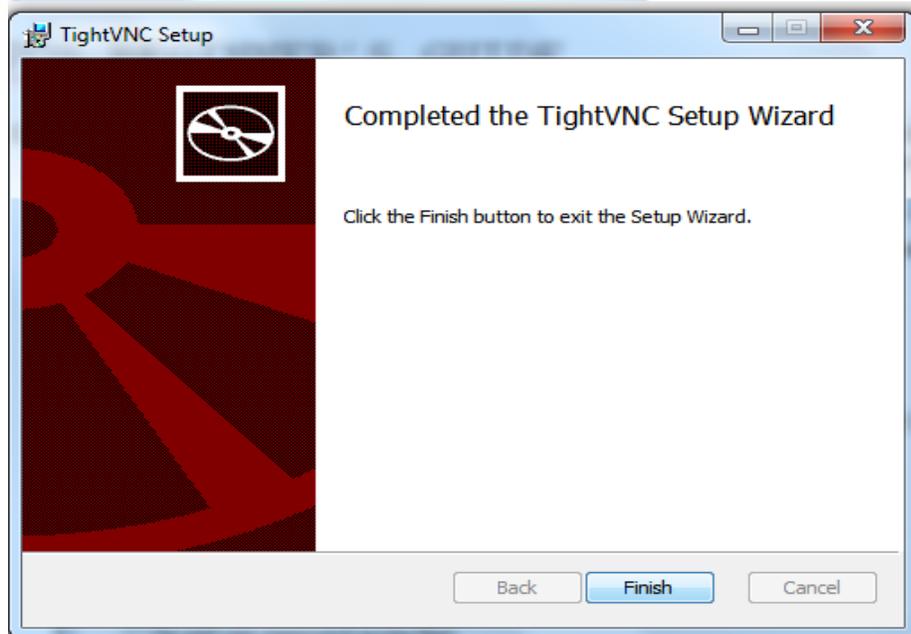
7. Wait for the installation setup



- Type "bmsupport" to the password then click Ok button.



- Click Finish Button to exit the installation wizard.



- e. **GreatPOS setup** – For the installation and setup of GreatPOS system, kindly contact the BMWare support team to assist you in proper installation of the system.
5. **Attach Receipt Printer and Bar-code scanner.** As anyone who frequents a supermarket can tell you, each terminal should come equipped with a scanner, a printer and a few other handy trinkets to connect to your POS workstation. This also includes the installation of a printer for receipt purposes. As with the software installation, this setup will vary depending on the manufacturer.
6. **Input inventory information.** Now that your databases are accessible, your most important step in this process will come with the loading of your archives of business products, prices, quantities and more.
7. **Customize POS software information.** Naturally, the business code for each retailer is not going to be the same. Your system may need specific sales tax information programmed, categories, etc., and it may not need some of the programs already installed into the purchased software.
8. **Complete a test transaction.** As you would with any new product, test it to make sure it works properly. You should see an item description and price listed on your monitor after scanning your example product. In the future, remember to backup files by restoring them on a monthly basis; maintenance is a key to sustaining a proper POS software system.

For the user and administrator guide kindly refer to the GreatPOS User Manual.