Watch*NET* Access Integrated Security Management Software

WatchNET Access Quick Guide Software Installation

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Revision History

Revision	Date	Author	Description of Changes
1.1	5/25/2018	Peter Punzalan	Created quick guide installation
1.2	9/20/2018	Peter Punzalan	Updated Software version to 1.2.2.9
1.3	04/06/2020	Peter Punzalan	Updated Software version to 1.2.5.0
1.4	06/08/2020	Peter Punzalan	Updated Software version to 1.2.6.0
2.0	04/21/2022	Peter Punzalan	Updated Software version to 1.2.15.0 and SQL to 2019
2.1	12/15/2022	Peter Punzalan	Added Aperio Lock Integration
2.2	12/13/2023	Peter Punzalan	Added new OSDP controllers

This quick guide installation will guide you on how to install the software and SQL server as well as adding controller and card holders.

1.1 Installing Watchnet Access Integrated Security Management Software

Go to WatchNET Access Software – Jan 2024\WatchNET Access Software Installation\WA Software Version 1.2.21.0 and run or double click the .exe file.

📁 SQL2019
📄 SN.txt
💿 WatchNET Access Integrated Security Systems Software 1.2.21.0.exe

Click "*Next*"
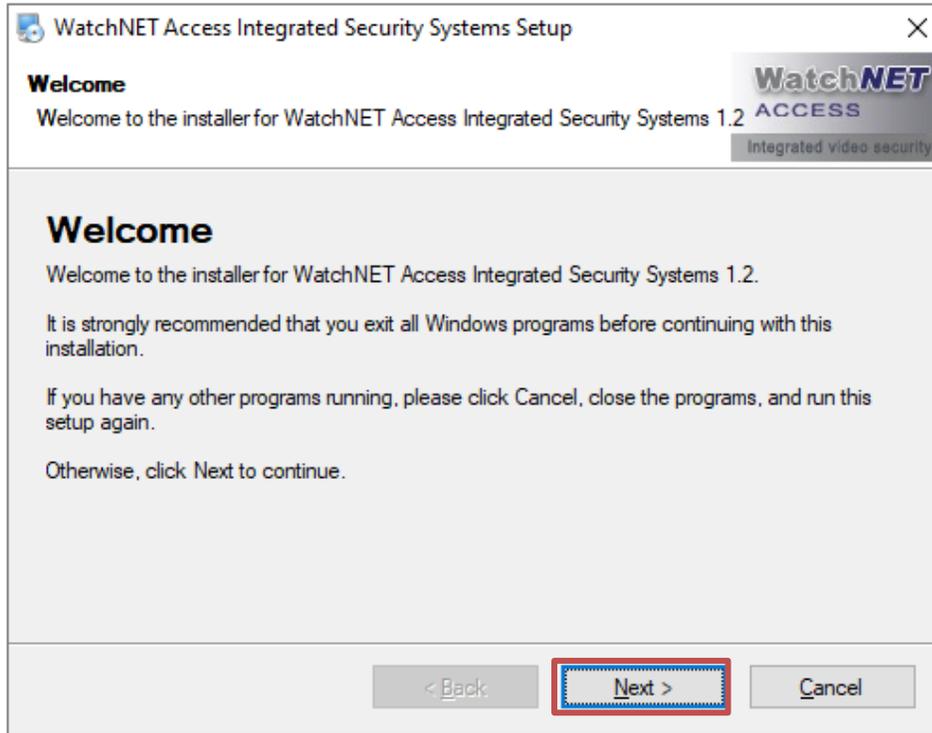
Accept the terms of the License Agreement and click *Next* to continue.

Enter your N*ame* and *Company* then click **Next** to continue.

Information listed, click **Next** to continue
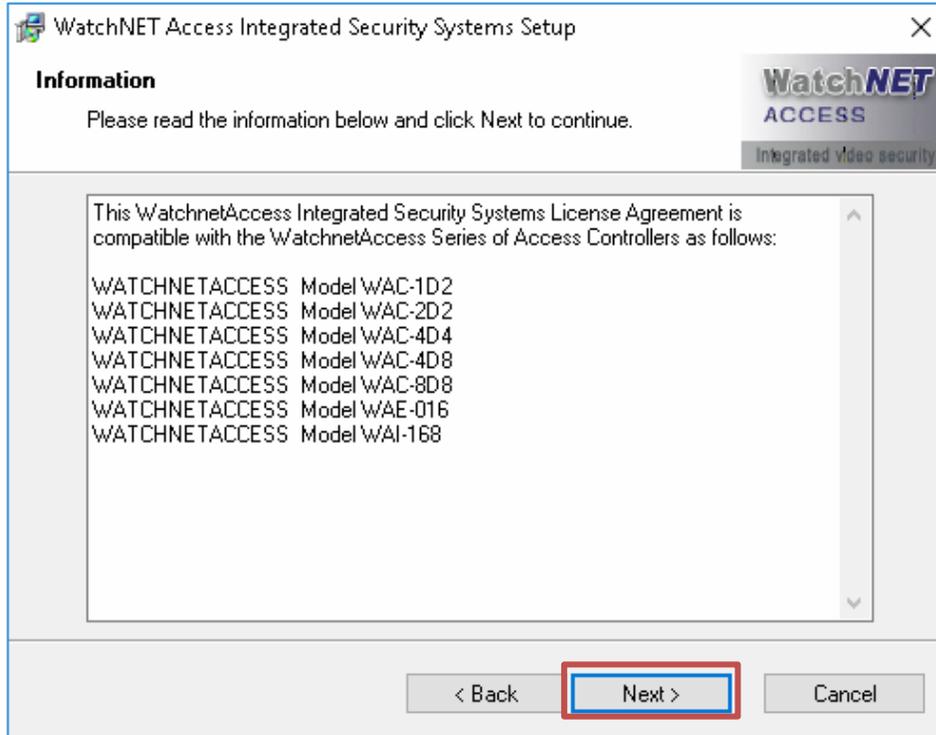
Copy and paste the serial number from the text file.
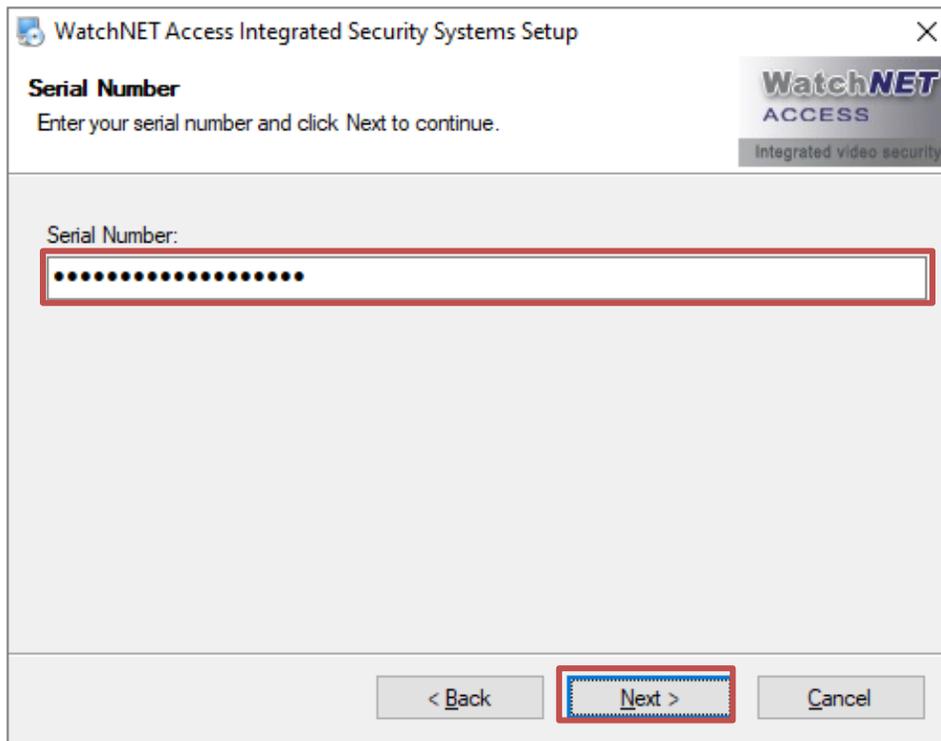
Open the **SN.txt** *file (Included on the Installation folder)*, click **Next** to continue.

The Install program sets up the default database as MSSQL as per the following:
MSSQL user name: sa
MSSQL user password: watchnet

Watchnetaccess Default Operator:
Operator: Administrator
Password: watchnet
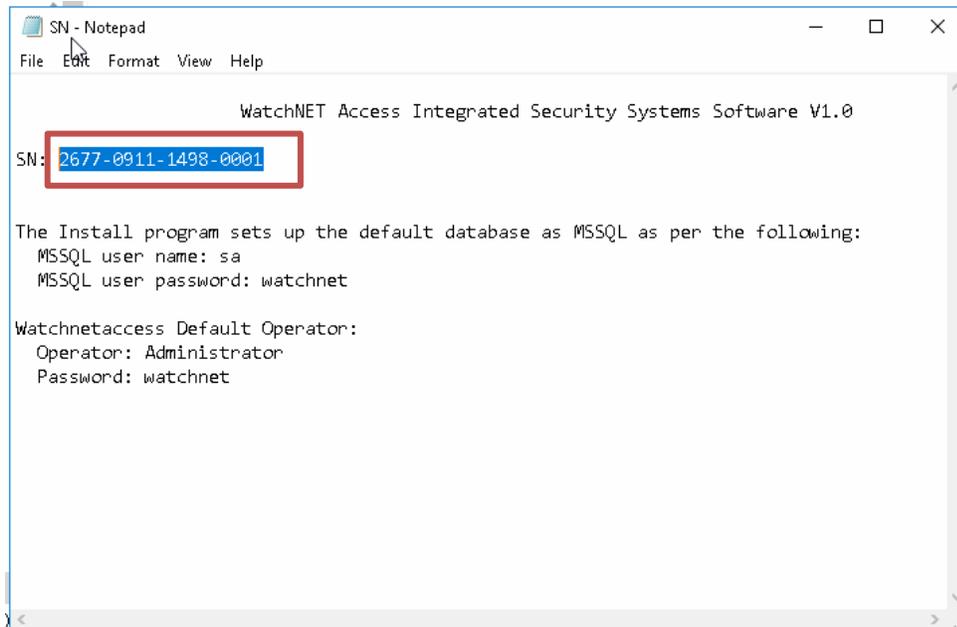
Make sure "**Server Installation**" is selected then click **Next**
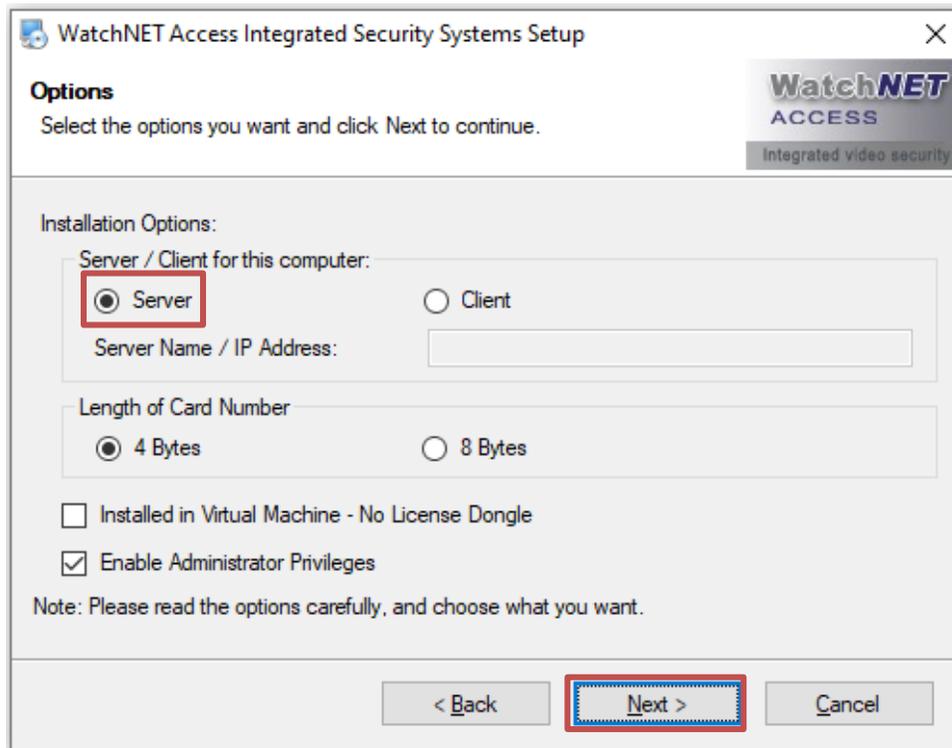
Note: Only check the box "Installed in Virtual Machine – No License Dongle" if you are installing it on a virtual machine as this is needed for licensing in the future.

Check all features if needed otherwise only leave WatchNET Access Integrated Security Systems checked and then click Next
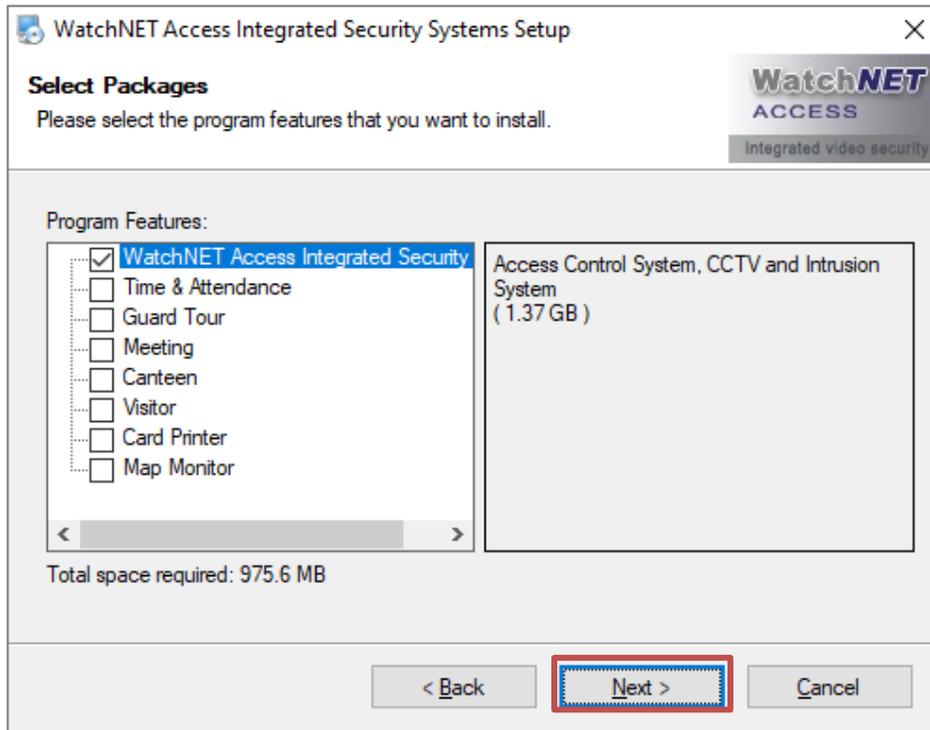
Click **Next.**
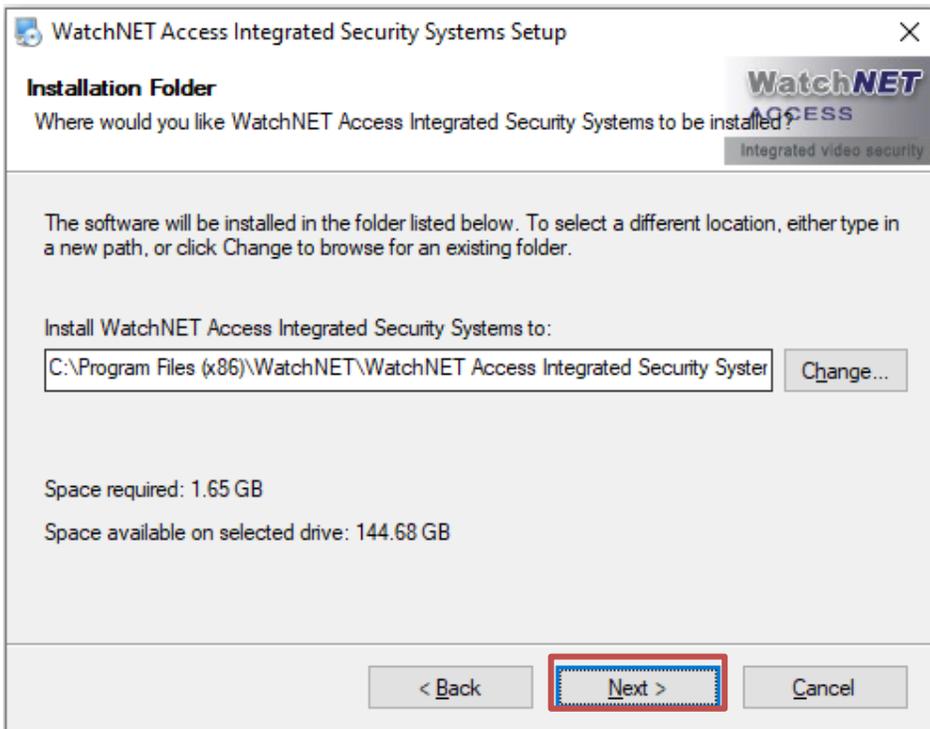
Icon shortcuts can be installed on all windows users or current user only
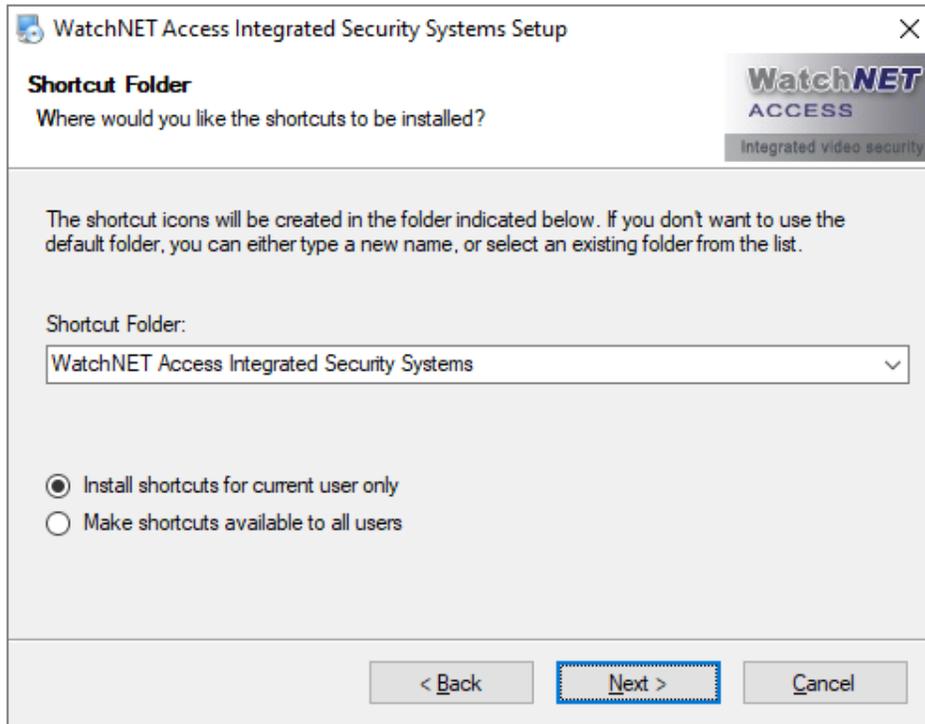
Click **Next.**
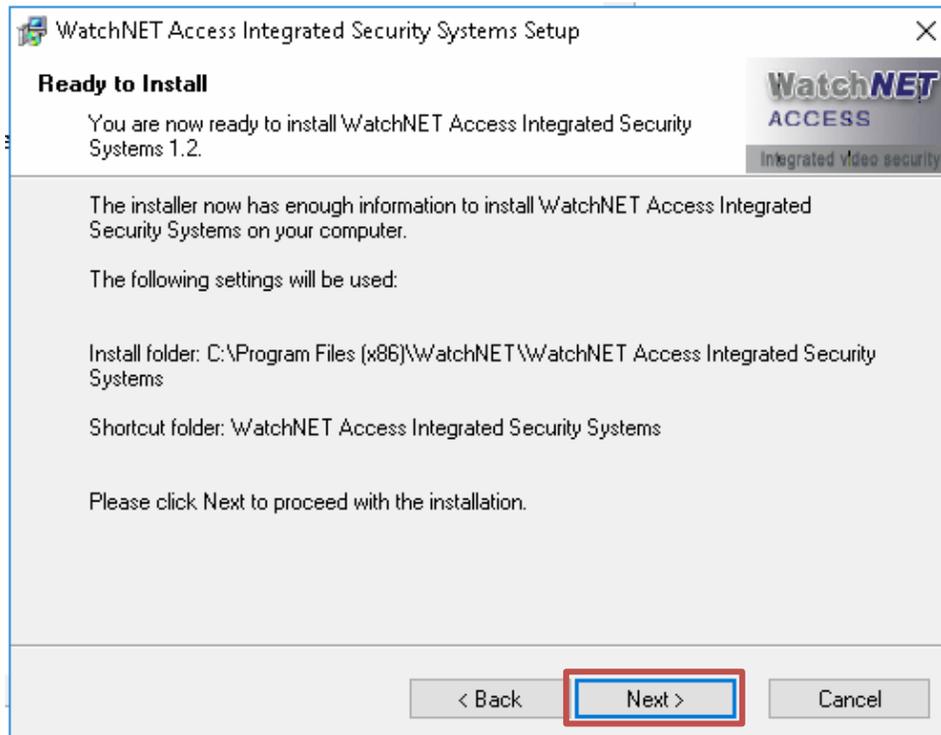
Click **Next** to install.

Click **Yes** to install Microsoft SQL 2008 Server Express Edition
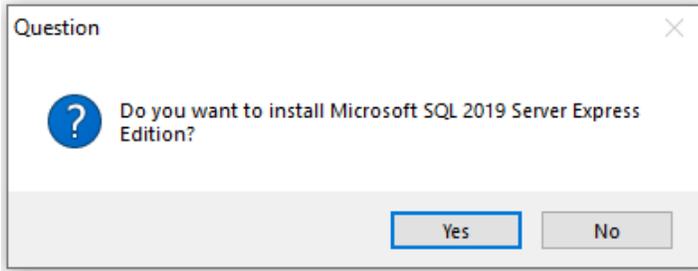
Note: If SQL is already installed on the computer, you can skip this installation by clicking No

Click Ok to continue
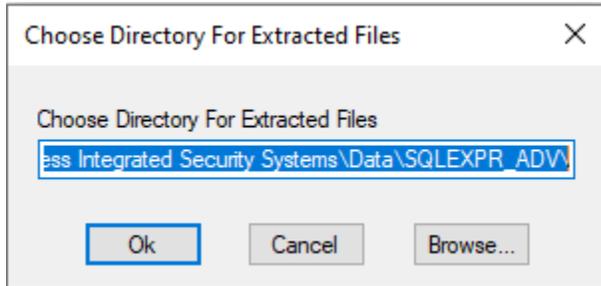
Wait for the extraction to be finish.

In the *SQL Server Installation Center* window click on "*New SQL Server stand-alone installation or add features to an existing installation.*"
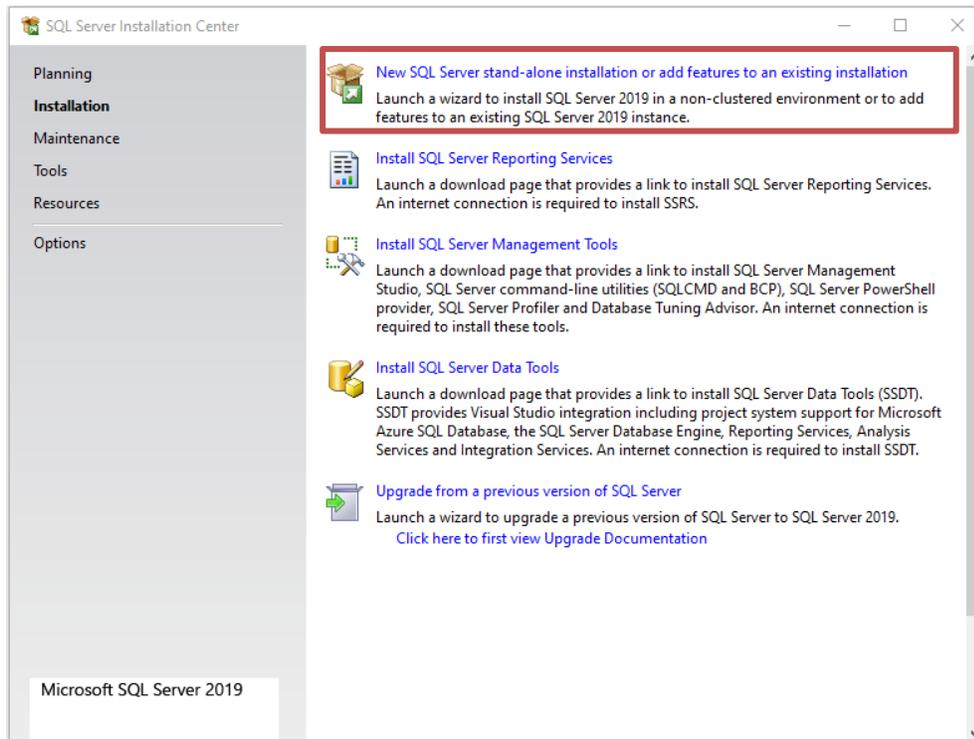
Check the "*I accept the license terms*" and click on *Next*.

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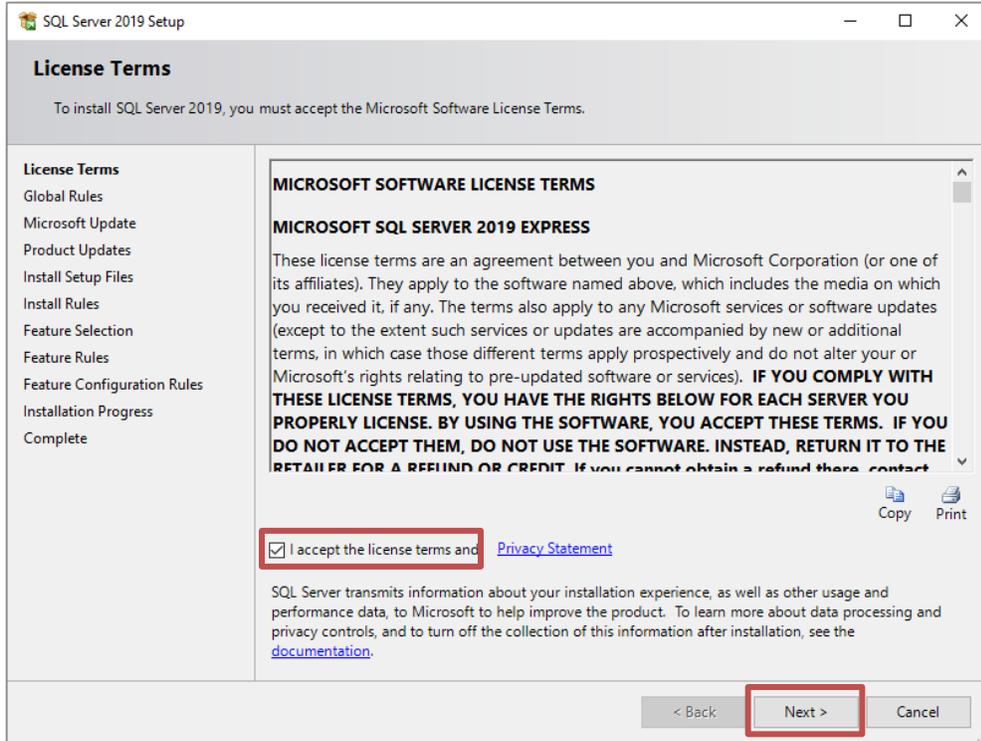
Click **Next >**
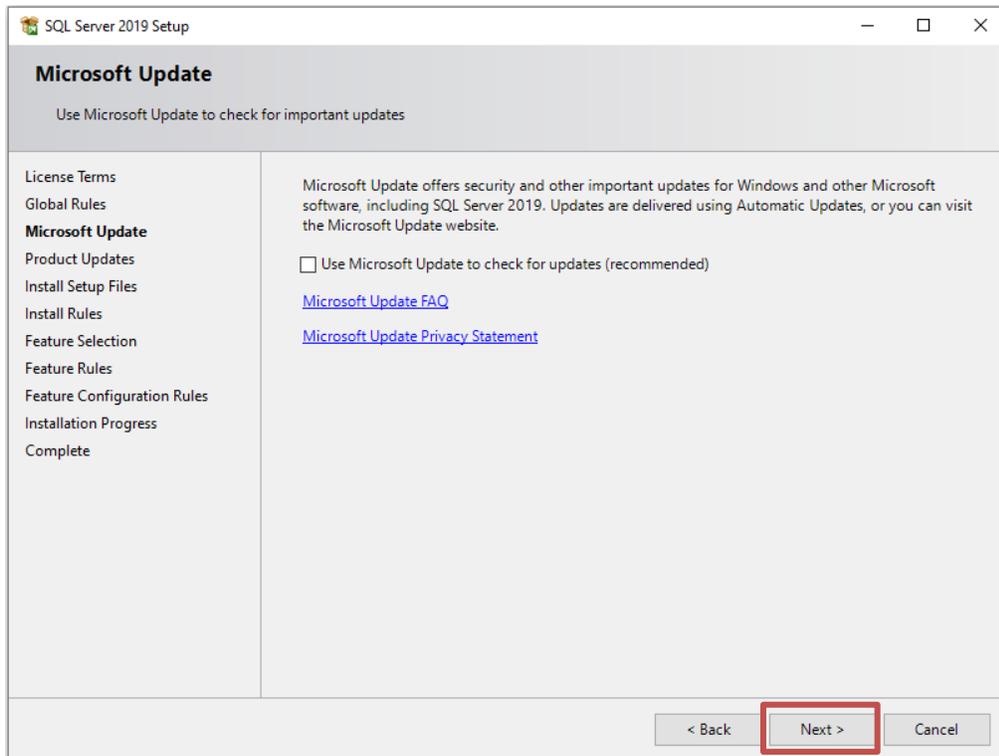
Under **Feature Selection**, make sure to select only the following:

Instance Features
  ☑ Database Engine Services
      ☑ SQL Server Replication
      ☐ Machine Learning Services and Language Extensions
          ☐ R
          ☐ Python
          ☐ Java
      ☐ Full-Text and Semantic Extractions for Search
      ☐ PolyBase Query Service for External Data
          ☐ Java connector for HDFS data sources
Shared Features
      ☑ Client Tools Connectivity
      ☑ Client Tools Backwards Compatibility
      ☑ Client Tools SDK
      ☑ SQL Client Connectivity SDK
      ☑ LocalDB
Redistributable Features

And then click **Next >** to continue
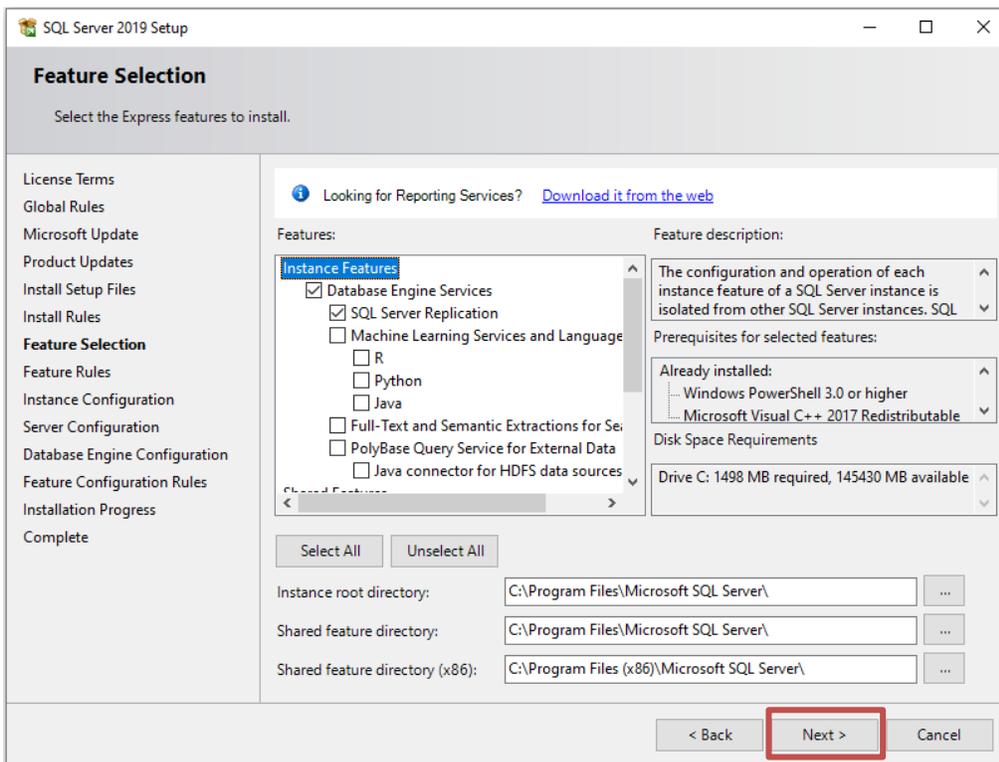
Click **Next >** to continue.
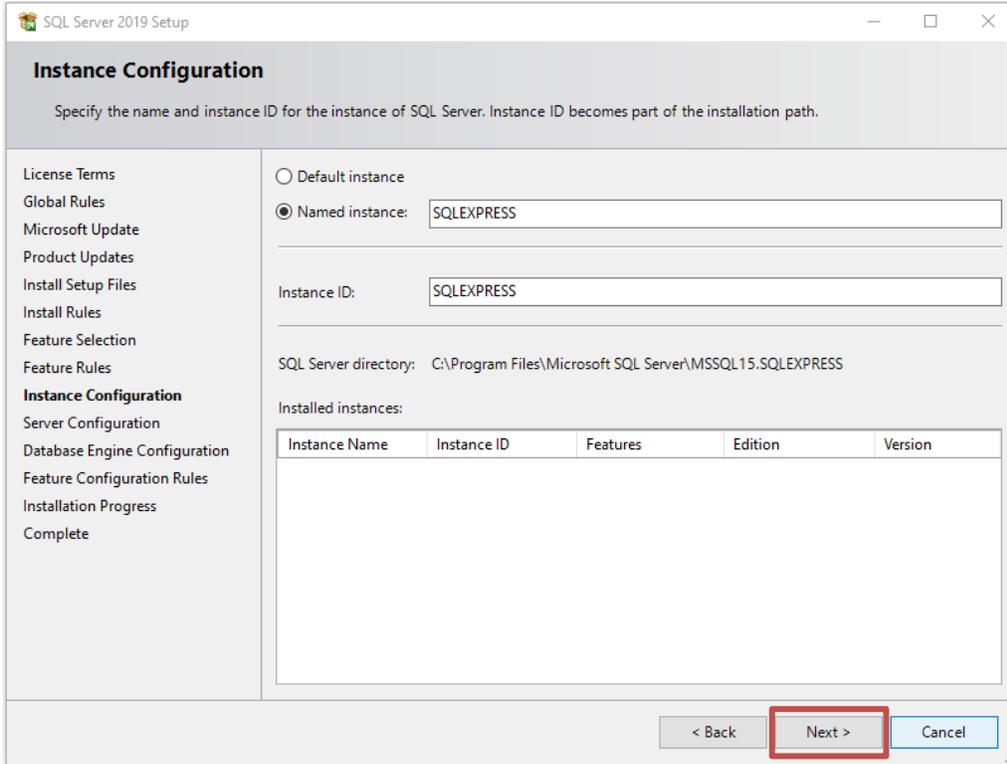
Change the **Startup Type for SQL Server Browser to Automatic** and then click **Next >** to continue.
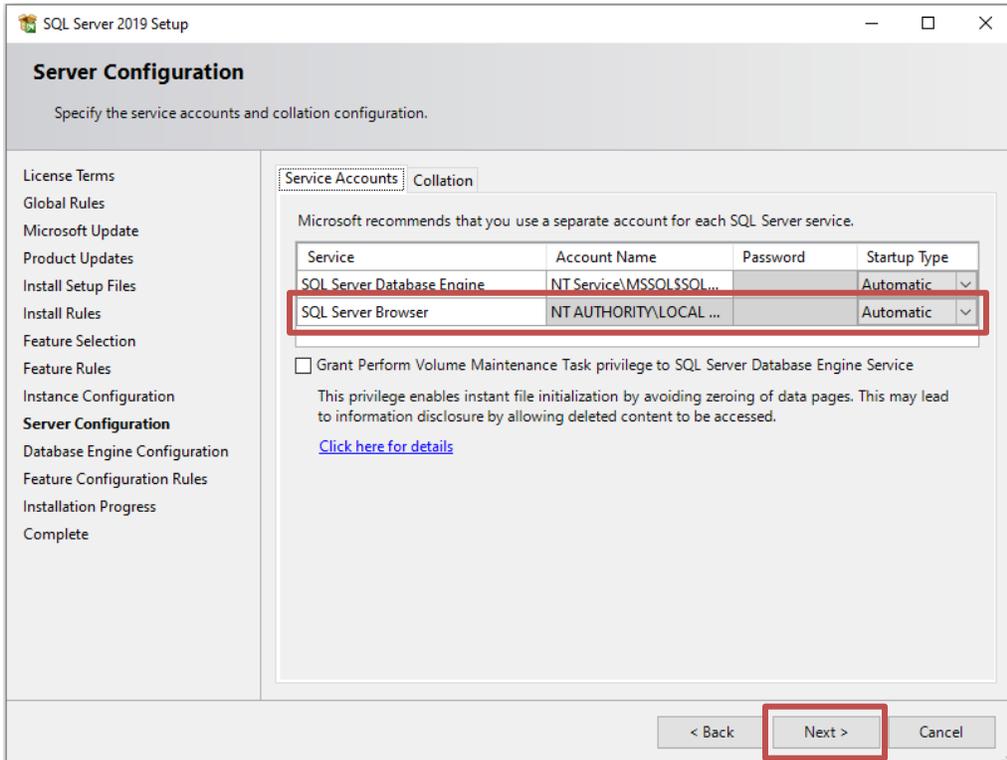
Select **"Mixed Mode (SQL Server authentication and Windows authentication)"** and enter "**watchnet**" for password and then click **Next >**
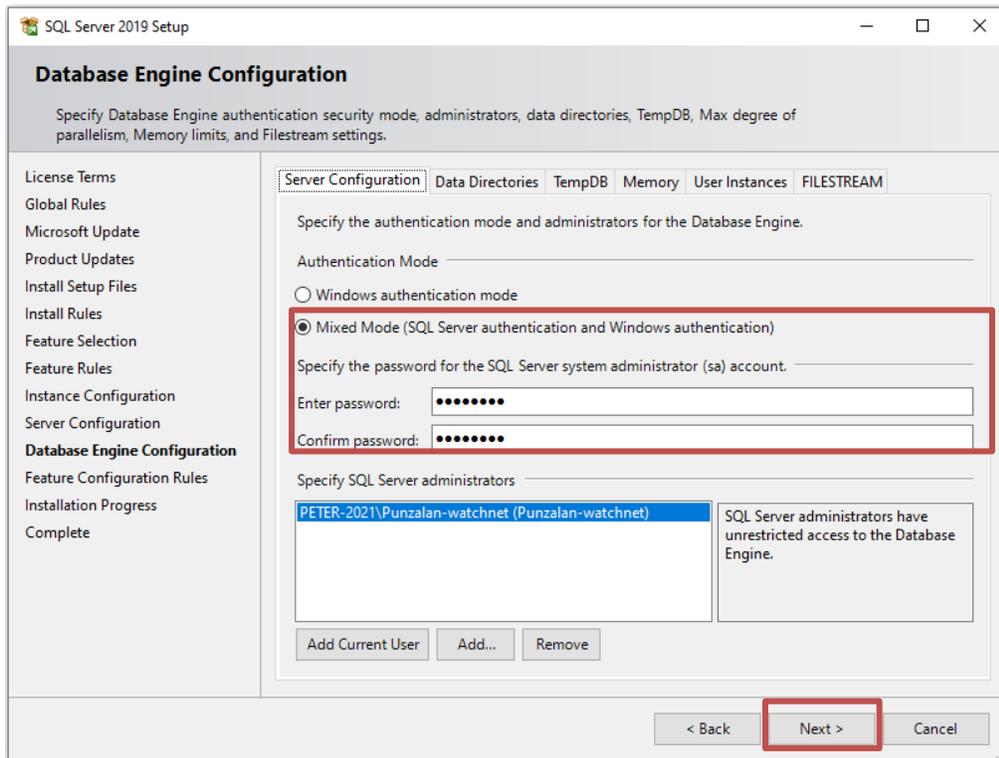
Note: User can setup their own password for the "sa" account
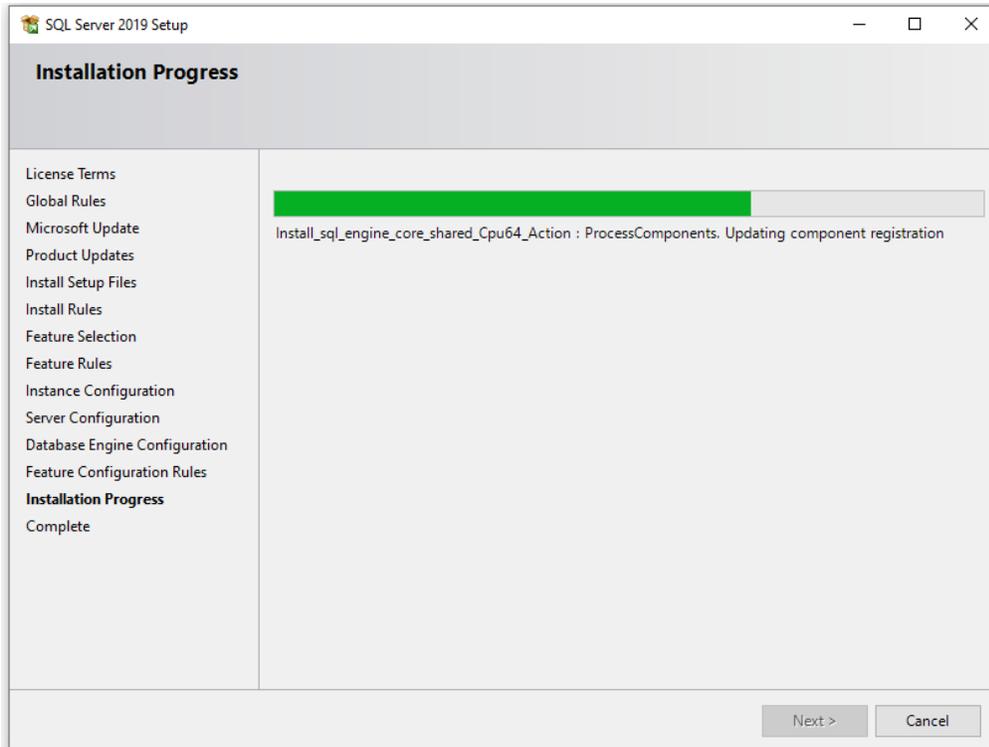
Wait for the installation to finish and then click **Close**
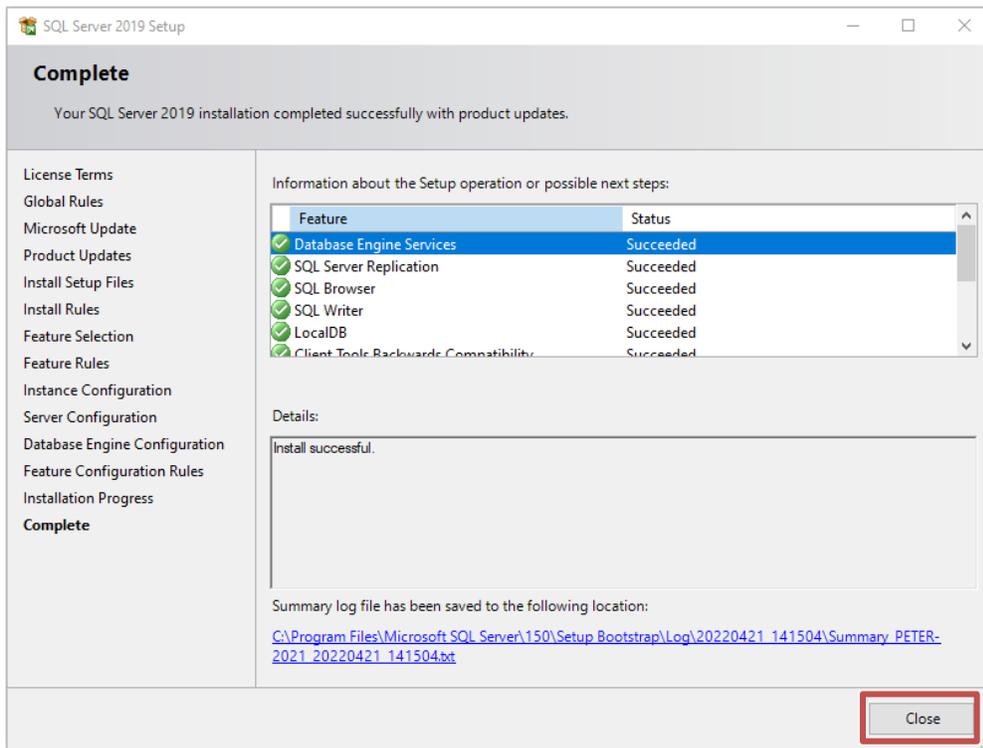
Optional Installation for SQL Server Management Studio: (This additional feature is use by a tech support from watchnet in order to troubleshoot some issues in the future)

Click the **"Install SQL Server Management Tools:**
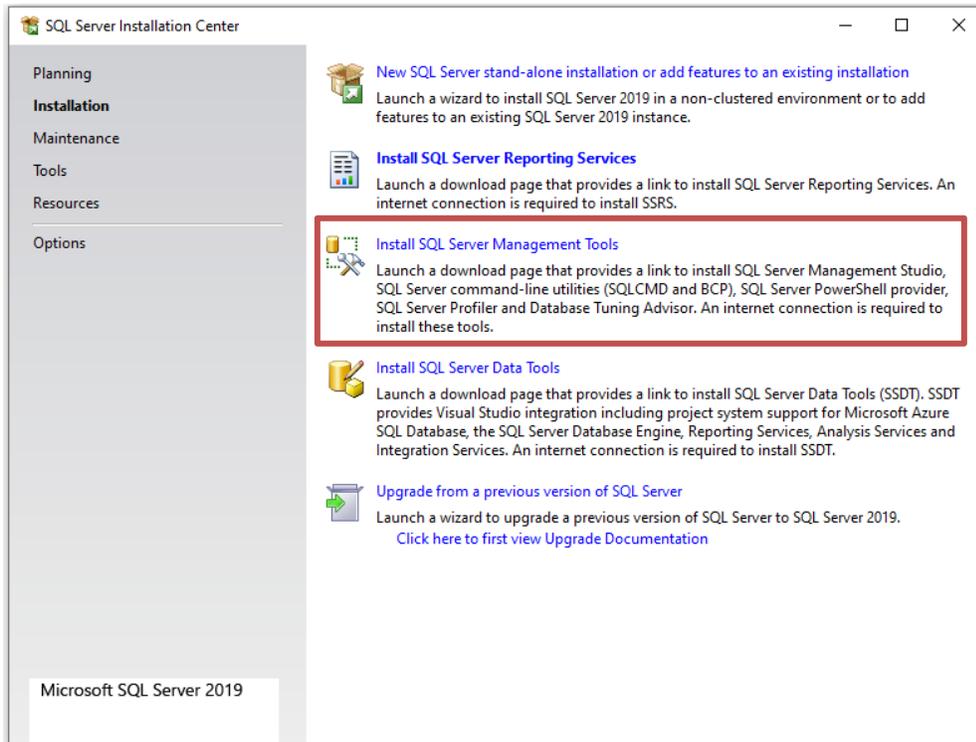
Note: This installation requires and internet connection because you need to download the SSMS-setup.

Once you click the "Install SQL Server Management Tools it will open a web page to download the SSMS".
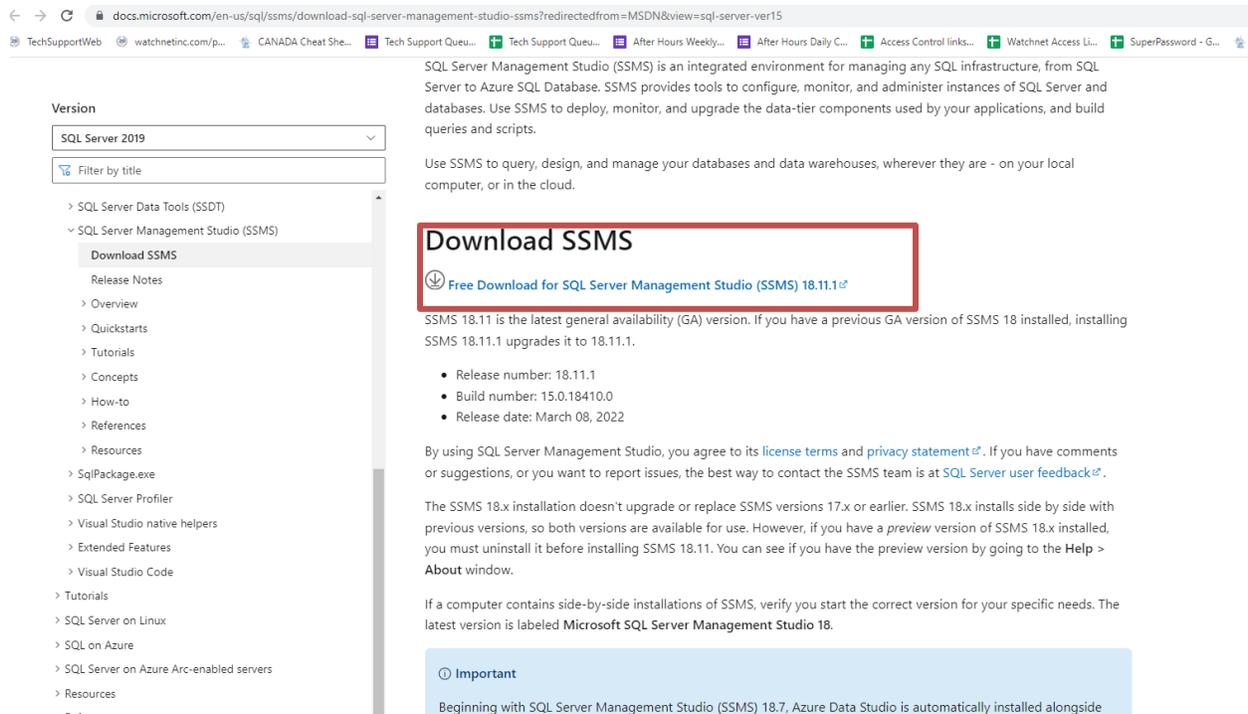
Click **"Free Download for SQL Server Management Studio (SSMS) 18.11.1**

Once you download the installation file, double click and run the installation

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SSMS-Setup-ENU.exe	4/21/2022 3:27 PM

Click **Install** to proceed

RELEASE 18.11.1

Microsoft SQL Server Management Studio with Azure Data Studio

Welcome. Click "Install" to begin.

Location:

C:\Program Files (x86)\Microsoft SQL Server Management Studio 18   [Change]

By clicking the "Install" button, I acknowledge that I accept the Privacy Statement and the License Terms for SQL Server Management Studio and Azure Data Studio

SQL Server Management Studio transmits information about your installation experience, as well as other usage and performance data, to Microsoft to help improve the product. To learn more about data processing and privacy controls, and to turn off the collection of this information after installation, see the documentation

[Install]   [Close]

Wait for the installation **Close**

RELEASE 18.11.1

Microsoft SQL Server Management Studio with Azure Data Studio

Restart required in order to complete setup.

All specified components have been installed successfully.

The computer needs to be restarted before setup can continue.

[Restart]   [Close]

Close the SQL Server Installation Center to finish the SQL Installation
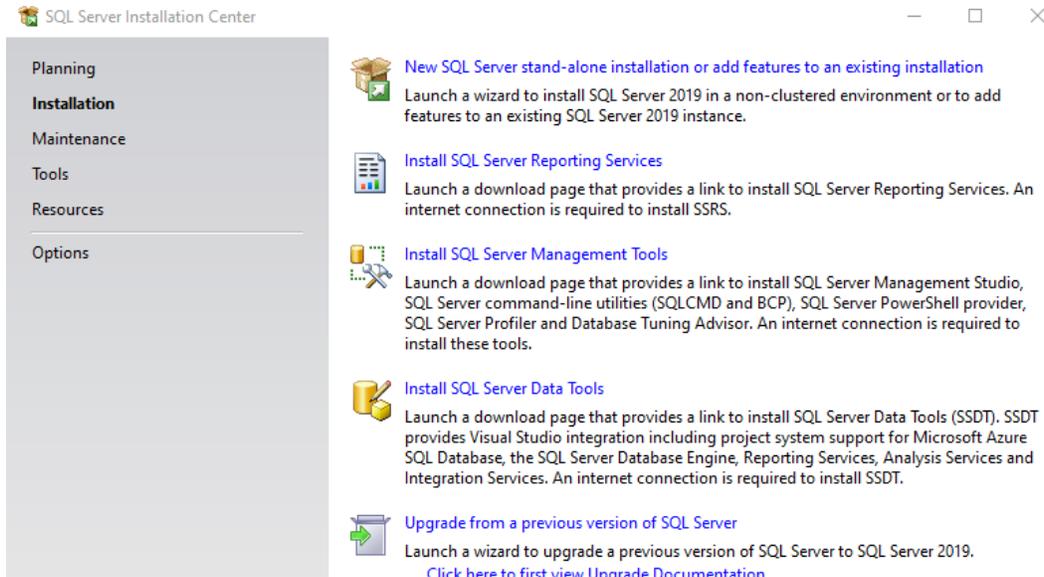
WinPcap Setup Wizard: (WinPcap is a network packet capture tool used by the access software and it is necessary to be installed)
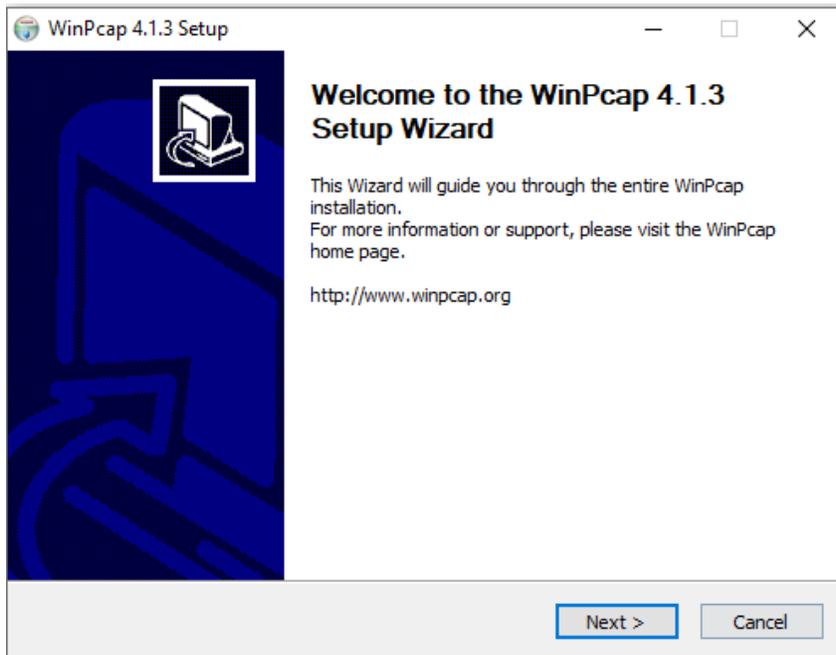
Click **Next >** to continue

Read the license agreement and click the **I Agree** button.
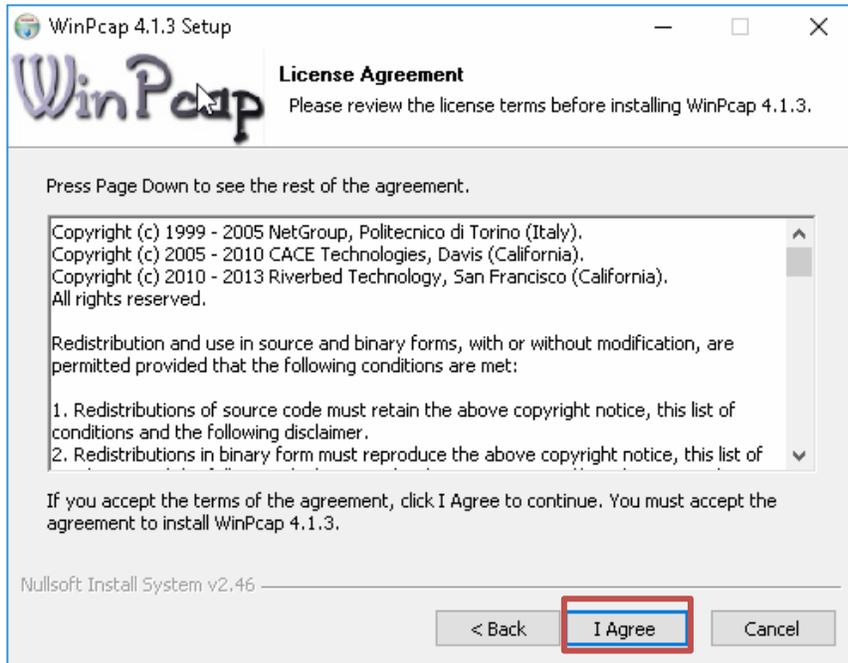
Click on **Next** to continue with the installation.
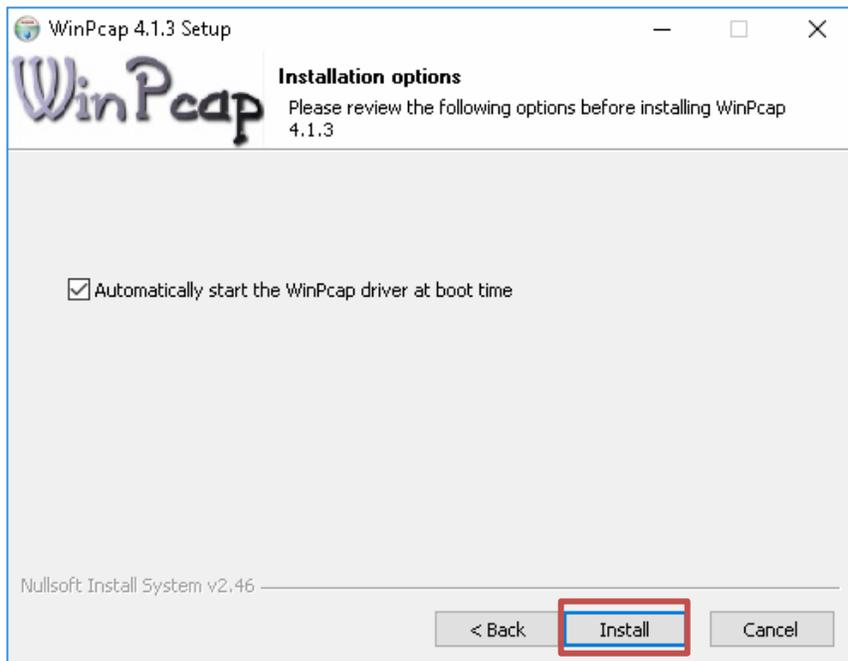
Click *Finish* to continue.
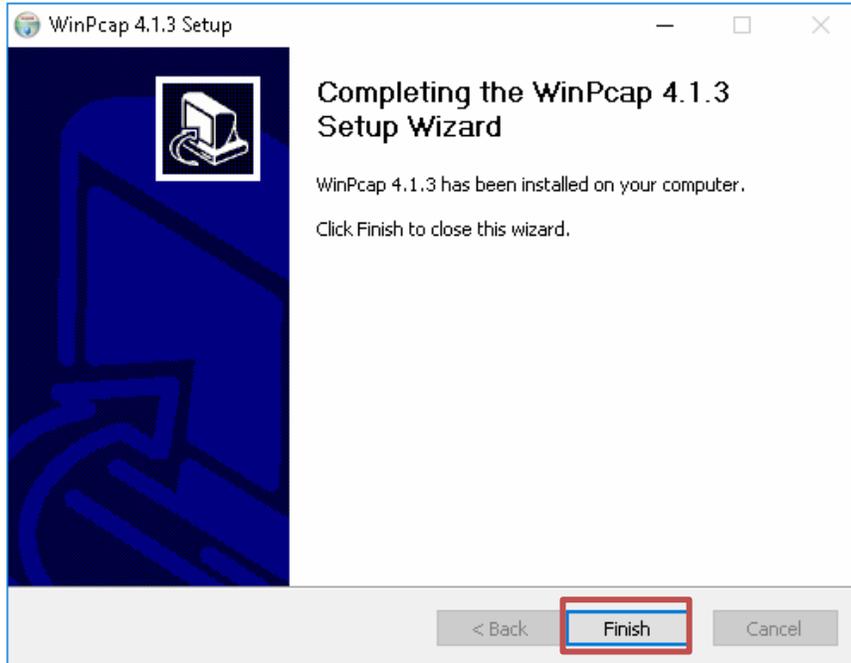
Click **Finish** and installation is done.
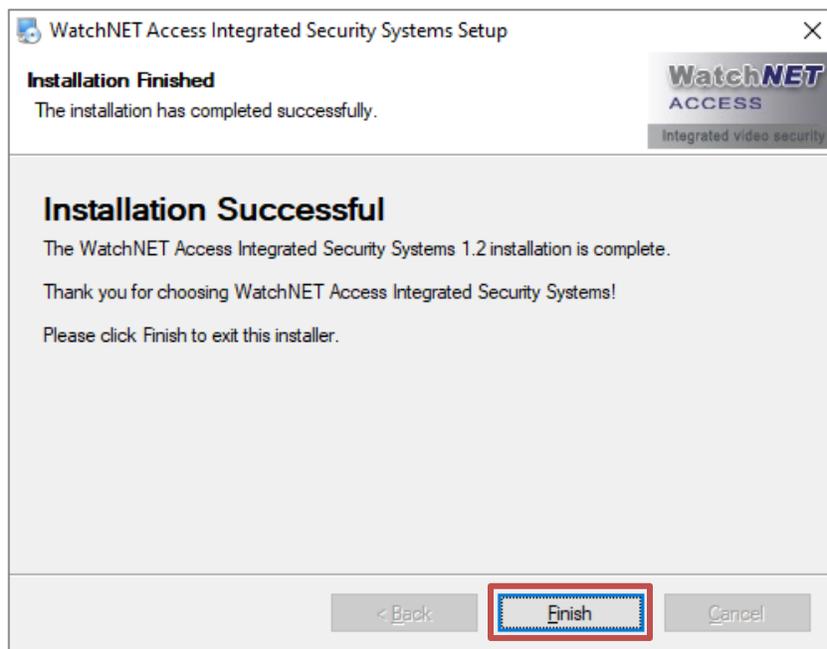
Now open the Watchnet Access Integrated Security System software.

Note: Every first time installation an error message will pop up showing linking database error, just click Yes to continue.
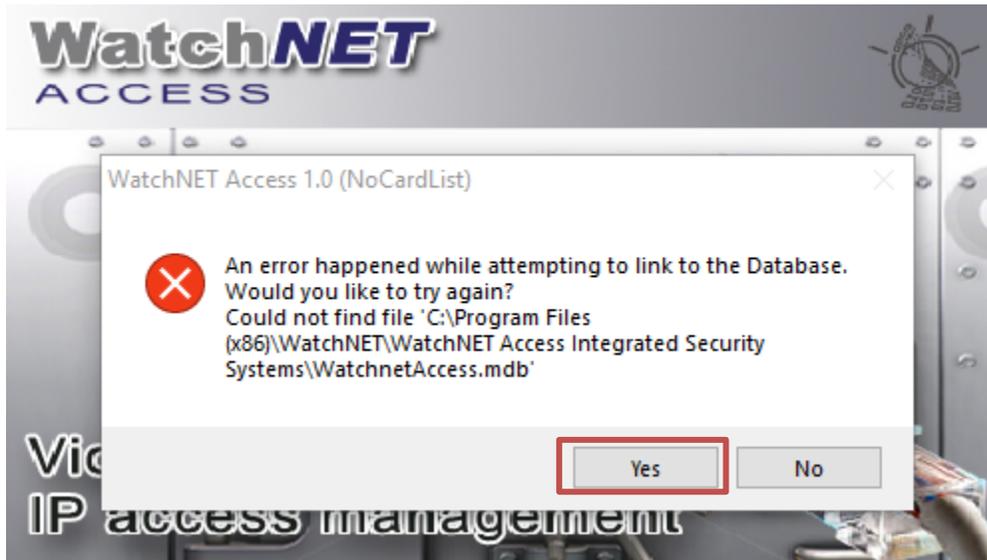
Select **MS SQL** and click *Next*

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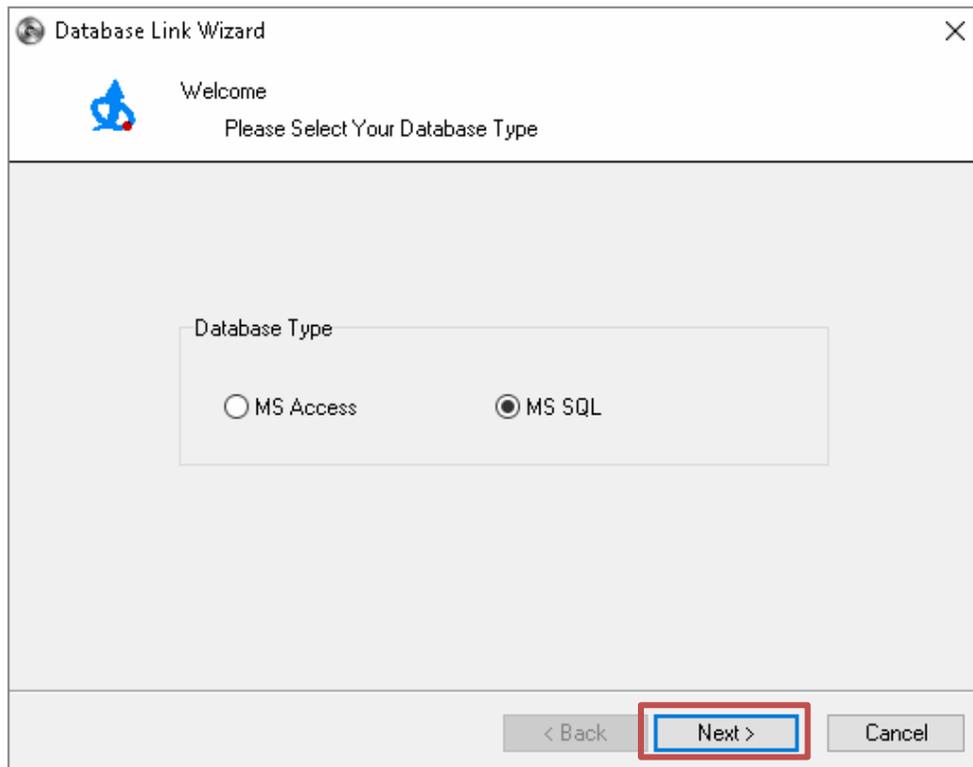
Select **SQL Server Native Client 11.0** and click *Next*
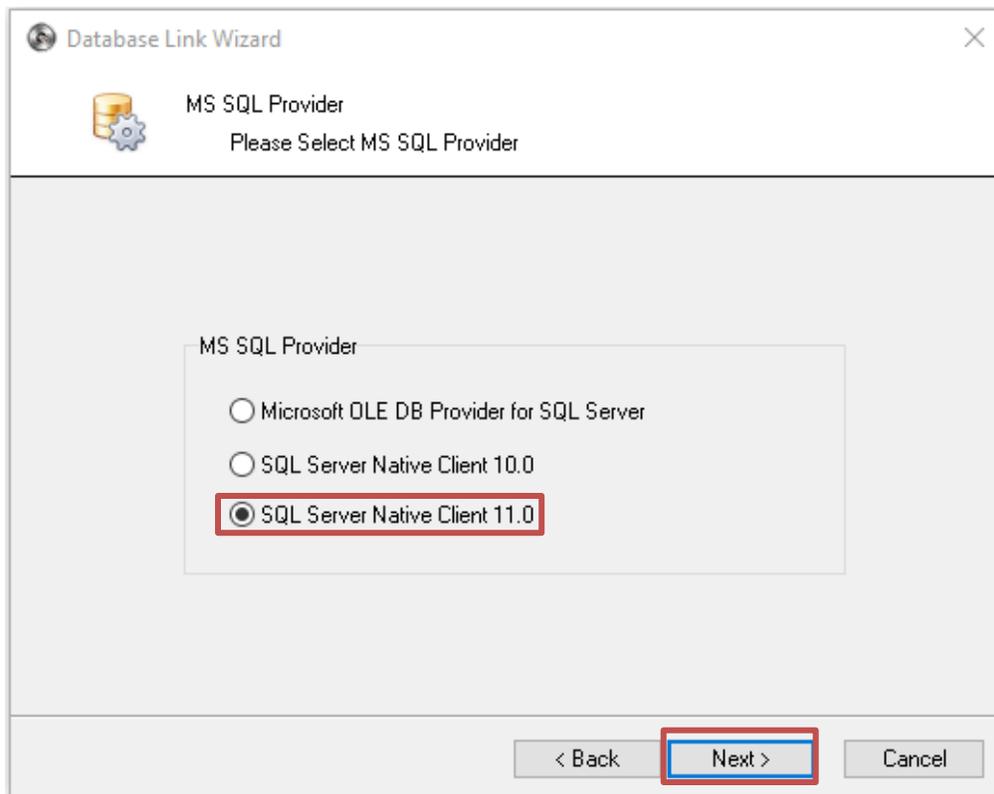
The **1ˢᵗ step** is to select a *Server Name*. This is the name of the PC that is running SQL. In the example below the *Server Name* is **WATCHNETACESS\SQLEXPRESS.**

Note: If you do not see the Server name then click on the Refresh button.

Tip: If you still cannot see the Server name then you will need to connect to the SQL Server Management Studio Express to obtain the Server Name. SQL Server Management Studio New
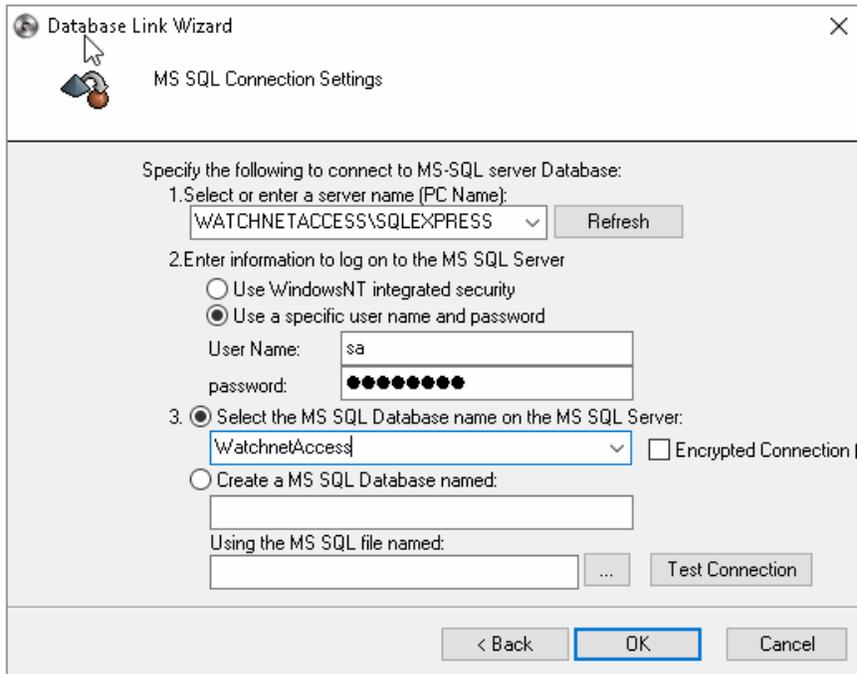
2nd step: select: **Use a specific user name and password.**

Note: this information is under SN.txt from the folder such as username and password

3rd step: select the MS SQL Database name on the MS SQL Server.

*Note: you can select the dropdown box and select **WatchnetAccess***

4th step: click Test Connection to if successful, message will pop up saying *Connection tested successful*
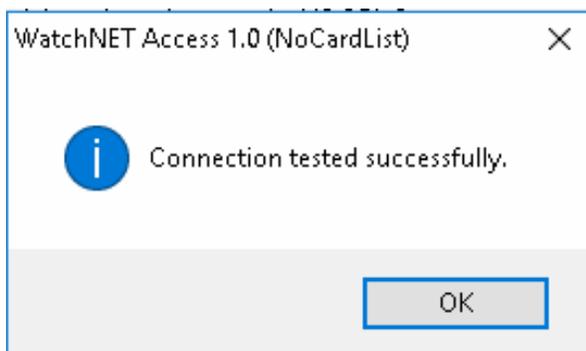
Default user and password are below

User: **Administrator**

Password: **watchnet**
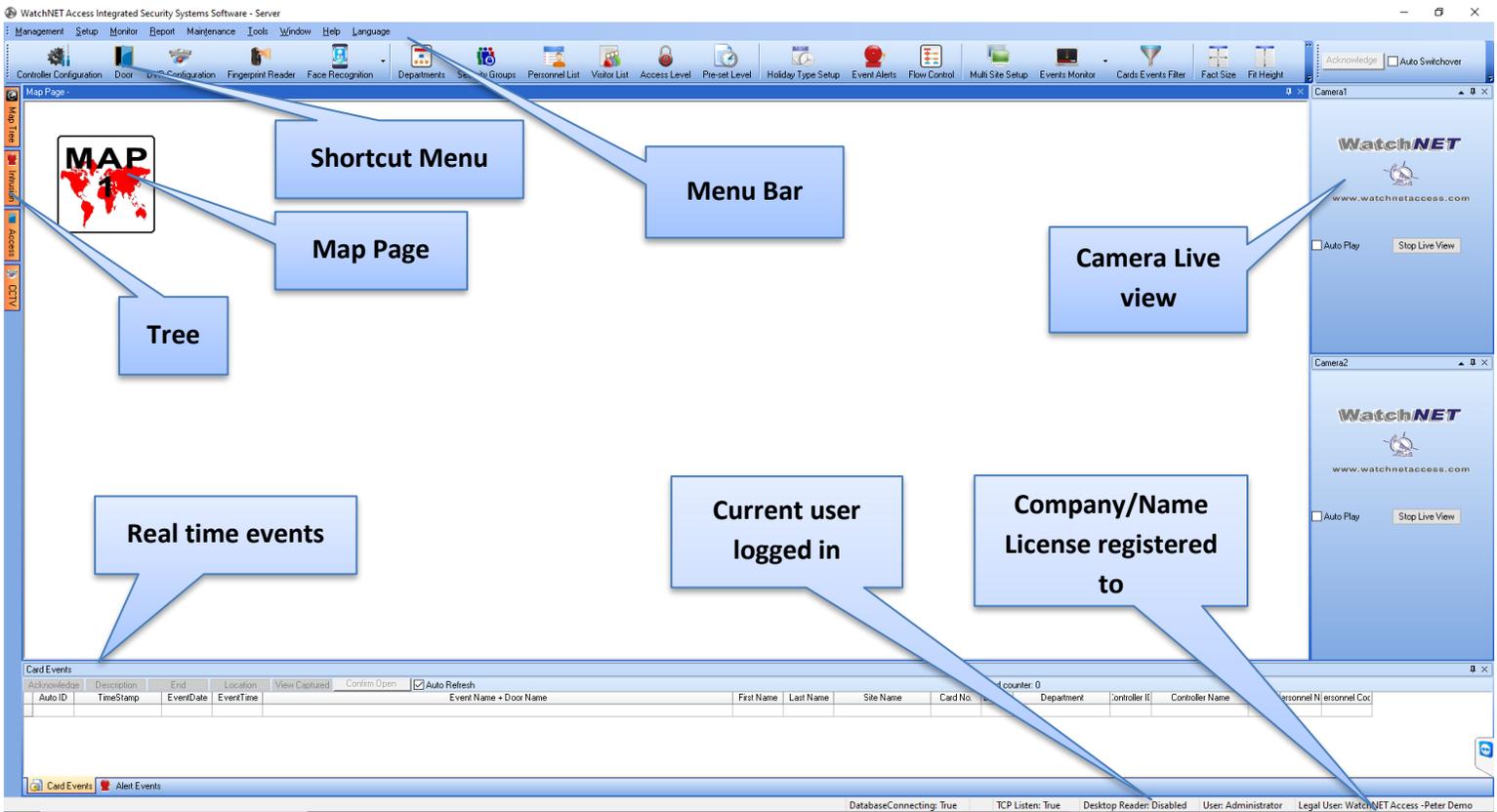
First step in adding controller:

1. Go to **Setup - Communication Configuration**
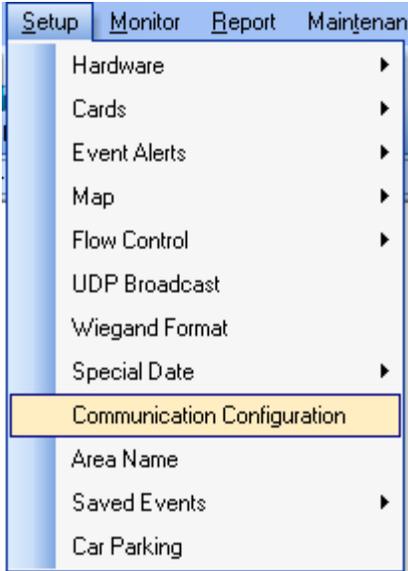
2. Go to **Communication** Tab
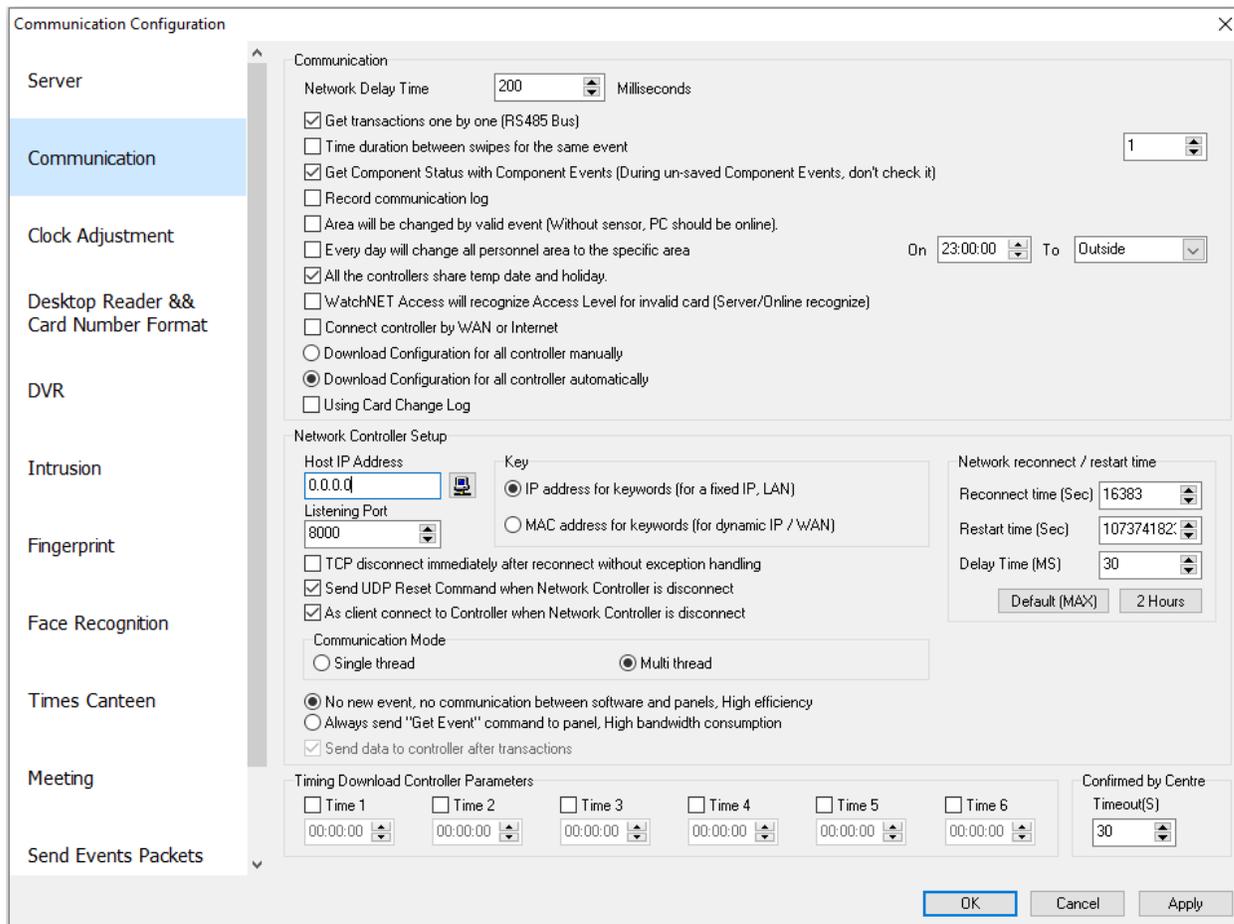
3. Click the Computer Icon beside the Host IP Address

4. Clicking this button should change the Host IP Address to match the IP address of the computer

Note: Computer must be set to static IP address and not dynamic to prevent the connection failure of the controller to the server when the router reboots and assigns a new IP address to the computer

5. Click **OK** to close the window

6. Go to **Controller Configuration** Icon

7. Click **Search** button at the bottom right

8. **Search and Upload Controller** window will pop up.
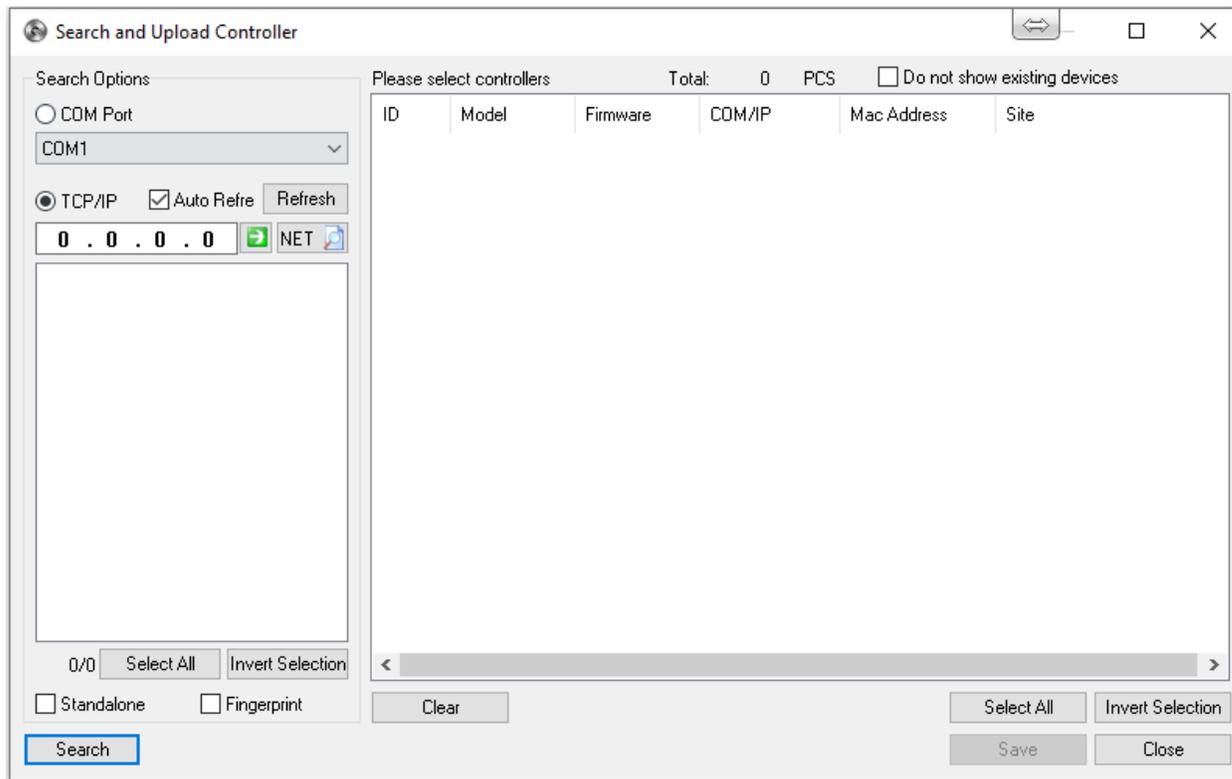
There is two ways of adding a controller, using COM Port and TCP/IP

Connecting using COM Port:

1st Click the **COM Port** box and select the correct **COM port number**
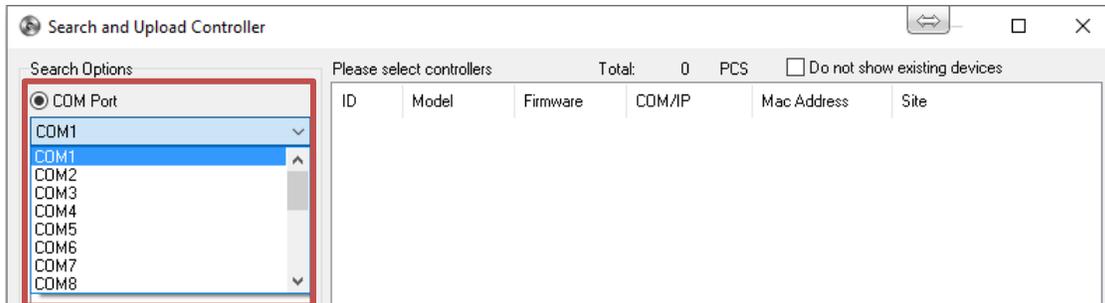
2nd Click **Search** button at the bottom of the window and wait for the controller come up on the right side then check the check box for the controller then click **Save** button at the bottom right

Connecting using TCP/IP:

1st Click **NET** button beside 0.0.0.
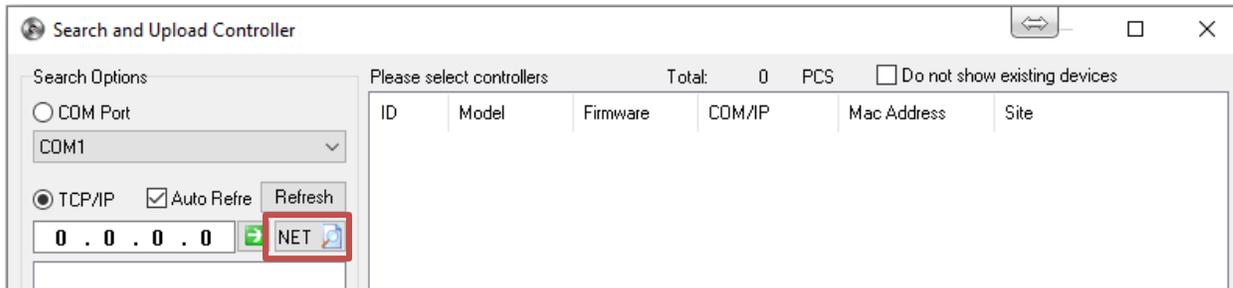
TCP/IP Setting window will pop up and will start searching the network for available controllers
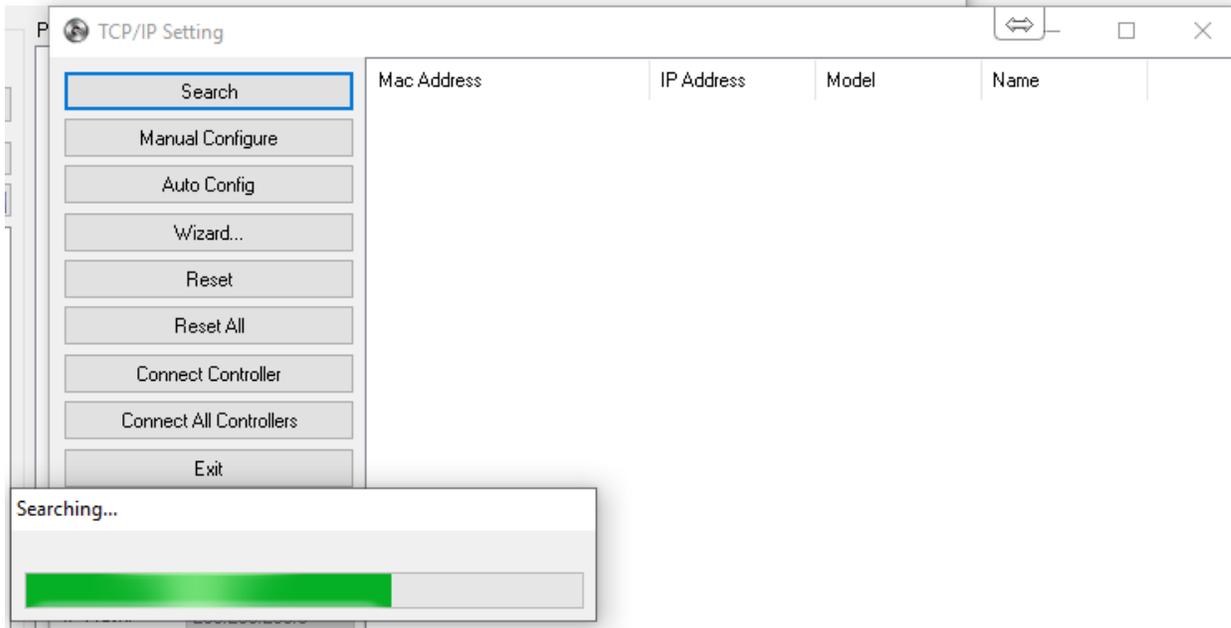
2nd Double click the controller you want to connect
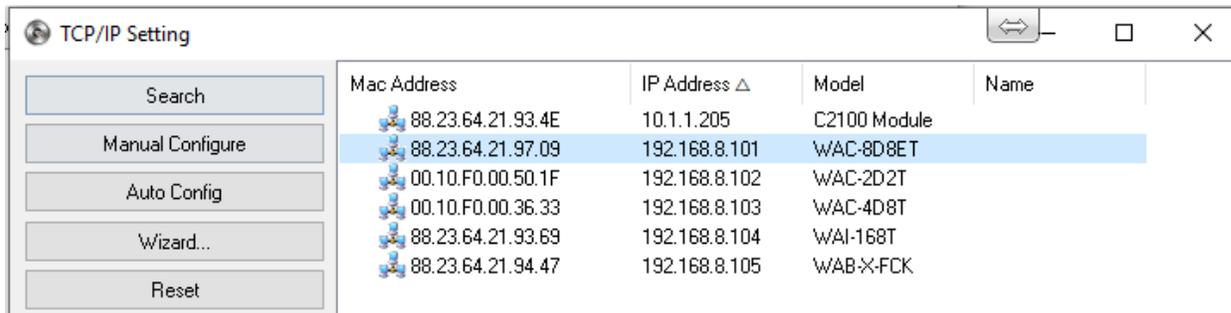
3rd Input the IP address setting you want to assign on the controller or you can click **Auto Config** button and the software will auto assign an IP address to the controller depending on your network configuration

Click **OK** to continue

Note: The Host IP should match the computer/software's IP

The controller should appear on the **Search and Upload Controller** window
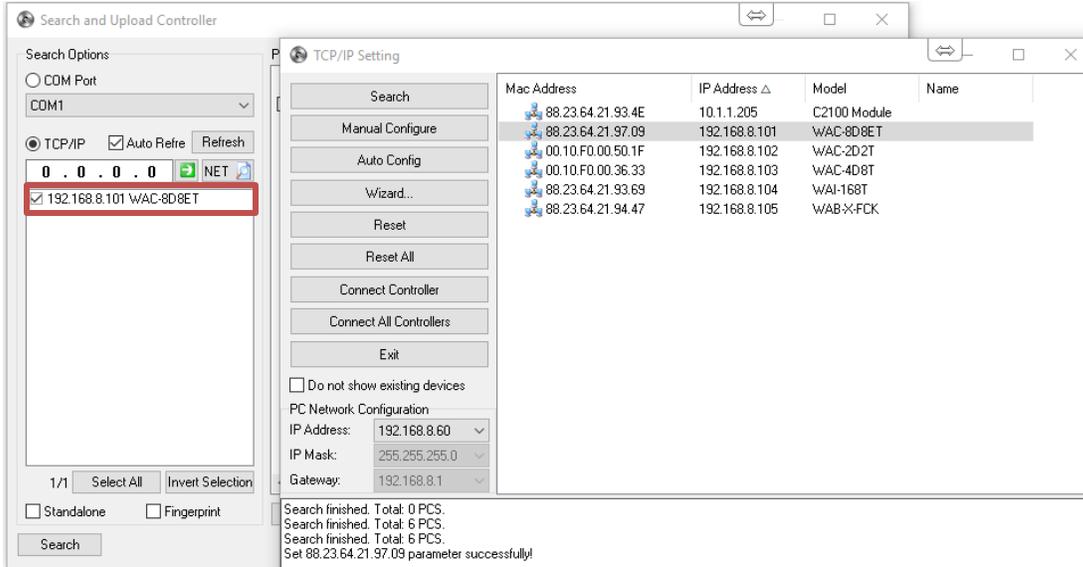
and if it does, close the TCP/IP setting window and check the ID box on the right side of the window and click Save at the bottom
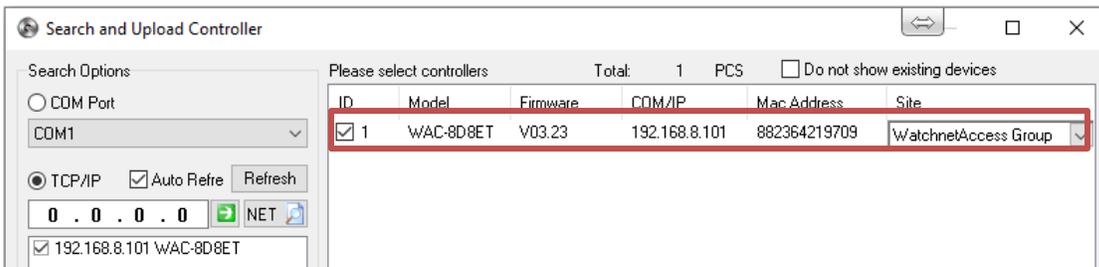
The controller should now be listed on the **Controller List**

You can now close the Controller Configuration window and start adding the cards

To Add a card from the card events, scan the card on the reader and double click the invalid card on the card events.

1st Input the **First Name**, **Last Name** and select the **Department** on **the Basic Information** tab

2ⁿᵈ Click **Card** tab and check the **Use Access Card** check box

3rd Click **Access Level** tab and check the **Access Security Group** to bring it to the right side

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For all other configuration please refer on the full manual located on the Access Documentation – WA Manuals folder.