



# **BioTime 7.0**

## **Installation Guide**

V 1.0 - June 2017

## System Requirements

### Operating Systems

Windows	Microsoft Windows Server 2008 Microsoft Windows Server 2012 Microsoft Windows 7 -64 bit Microsoft Windows 8/8.1
Memory	2 GB (min) and above
CPU	Basic frequency more than 2 GHz
Hard Disk Space	10 GB available (min) and above We recommend to use an NTFS hard disk partition as the Software Installation Directory. (An NTFS hard disk partition provides better performances and higher security)

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### Database

MS SQL Server	Microsoft SQL Server 2008 Microsoft SQL Server 2008 R2 (Recommended) Microsoft SQL Server 2012 Express Edition Microsoft SQL Server 2016 Express Edition
Oracle Database	11g
MySQL	MySQL 5.0.45 (Recommended)

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### Web Browser

Internet Explorer	Internet Explorer 11+
Google Chrome	Google Chrome 33+
Mozilla Firefox	Mozilla Firefox 27+

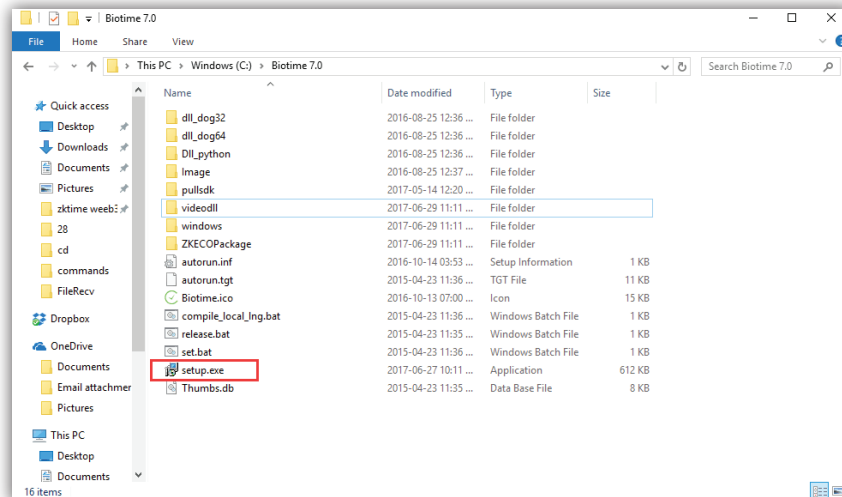
## Download BioTime 7.0 Software

1. Click or copy the following link into your browser,  
<http://zkteco.me/ZKTecoME/BioTimeInstallationPackage.rar>
2. BioTime 7.0 Installation Package will be automatically downloaded and will be saved to your default Downloads folder.

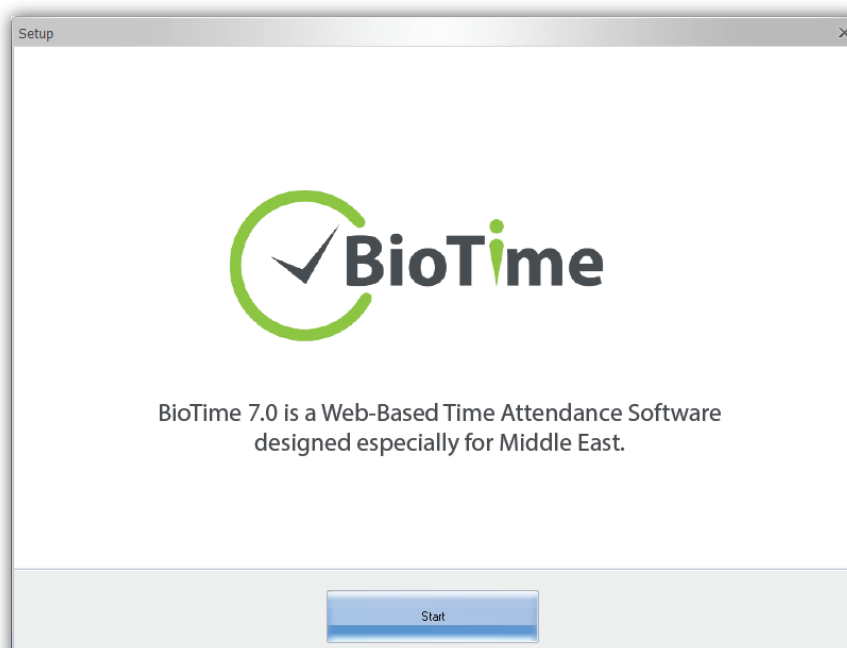
## Installing BioTime 7.0 Software

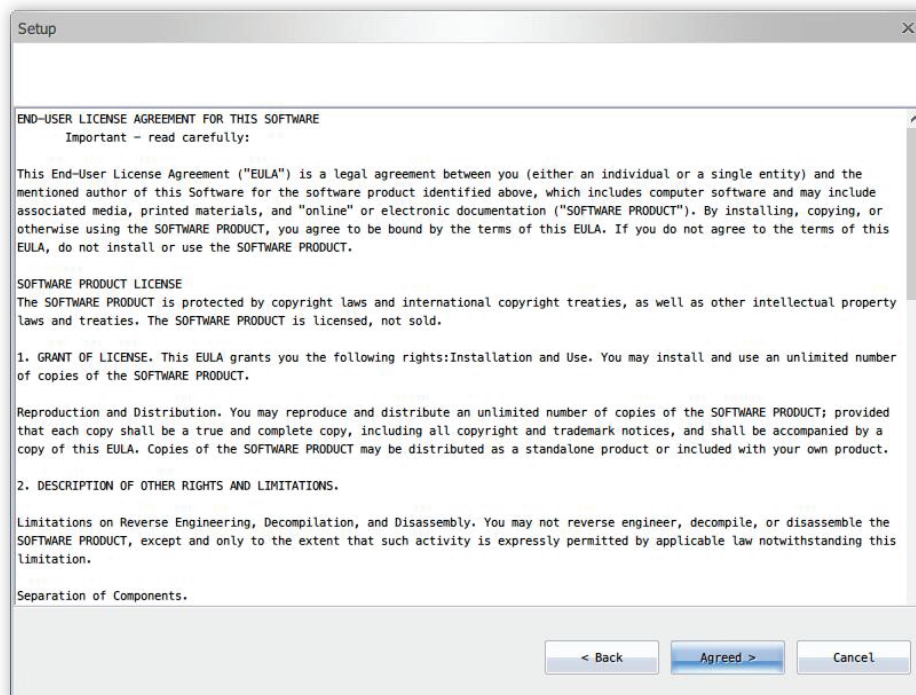
**Step 1:** Go to "Downloads" folder and open installation package.

**Step 2:** Double click "**setup.exe**" and Run the installation setup.

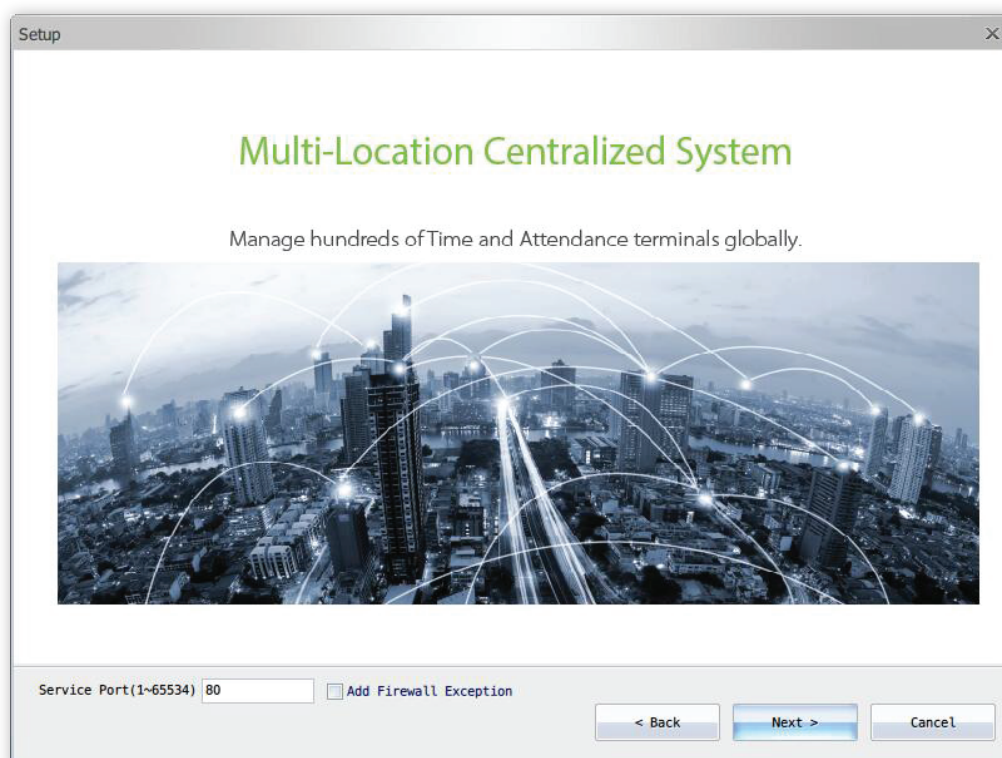


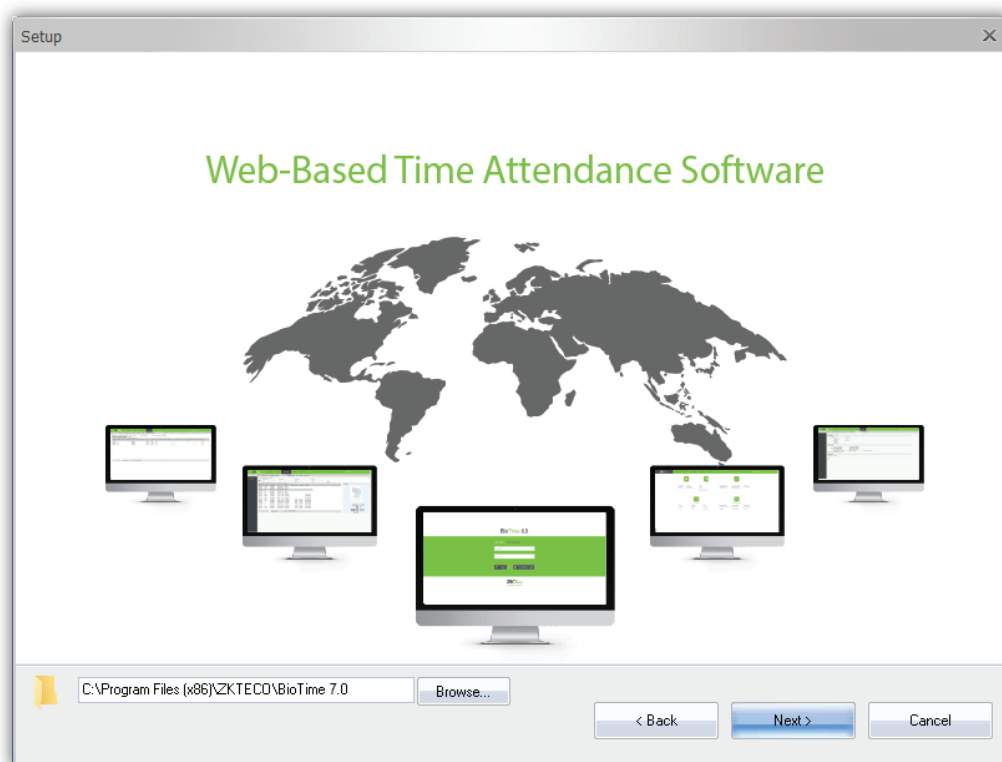
**Step 3:** Click **Start** button to continue the installation.



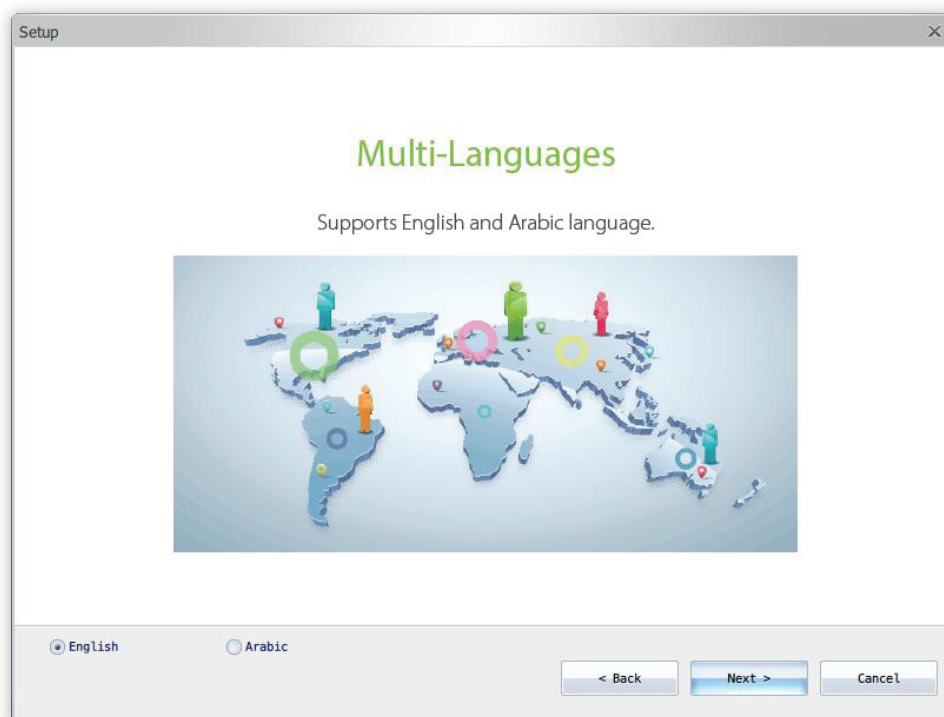


Step 4: Set the Port Number and tick the "Add Firewall Exception".





Step 5: Select the language.



**Step 6:** Database Selection - choose **Default Database**.

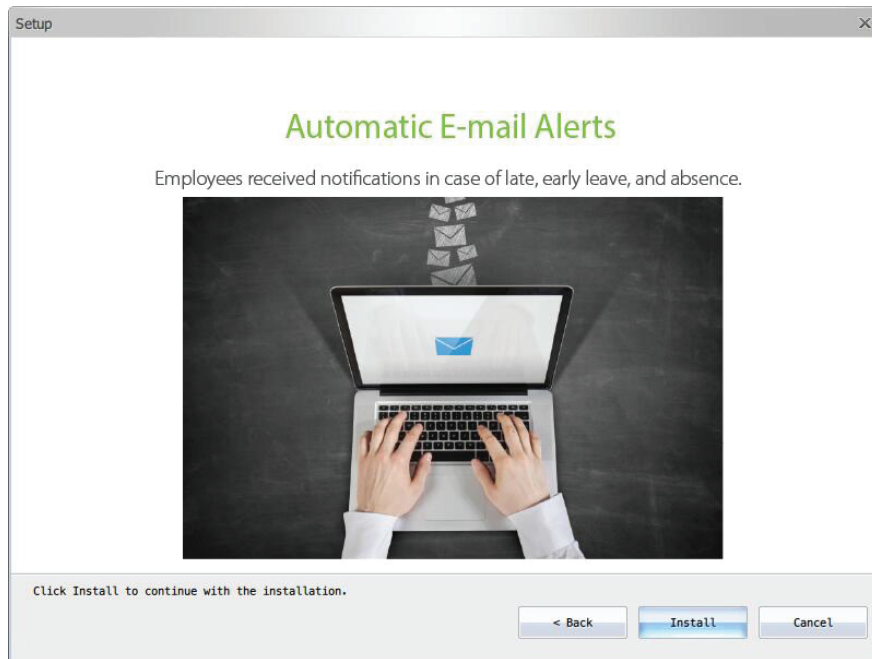
\*If **No Database**, continue the installation and configure the database later.



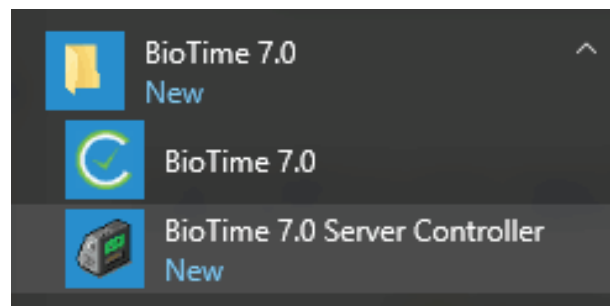
**Step 7:** Configure the database.



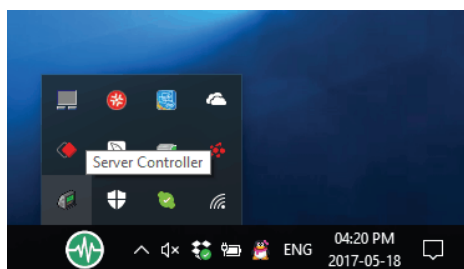
Step 8: Click Install.



After installing, run the **BioTime 7.0 Server Controller** from your computer Start menu.



Below the taskbar, right click on server controller → service settings → restart services.  
Then open BioTime 7.0 software homepage.

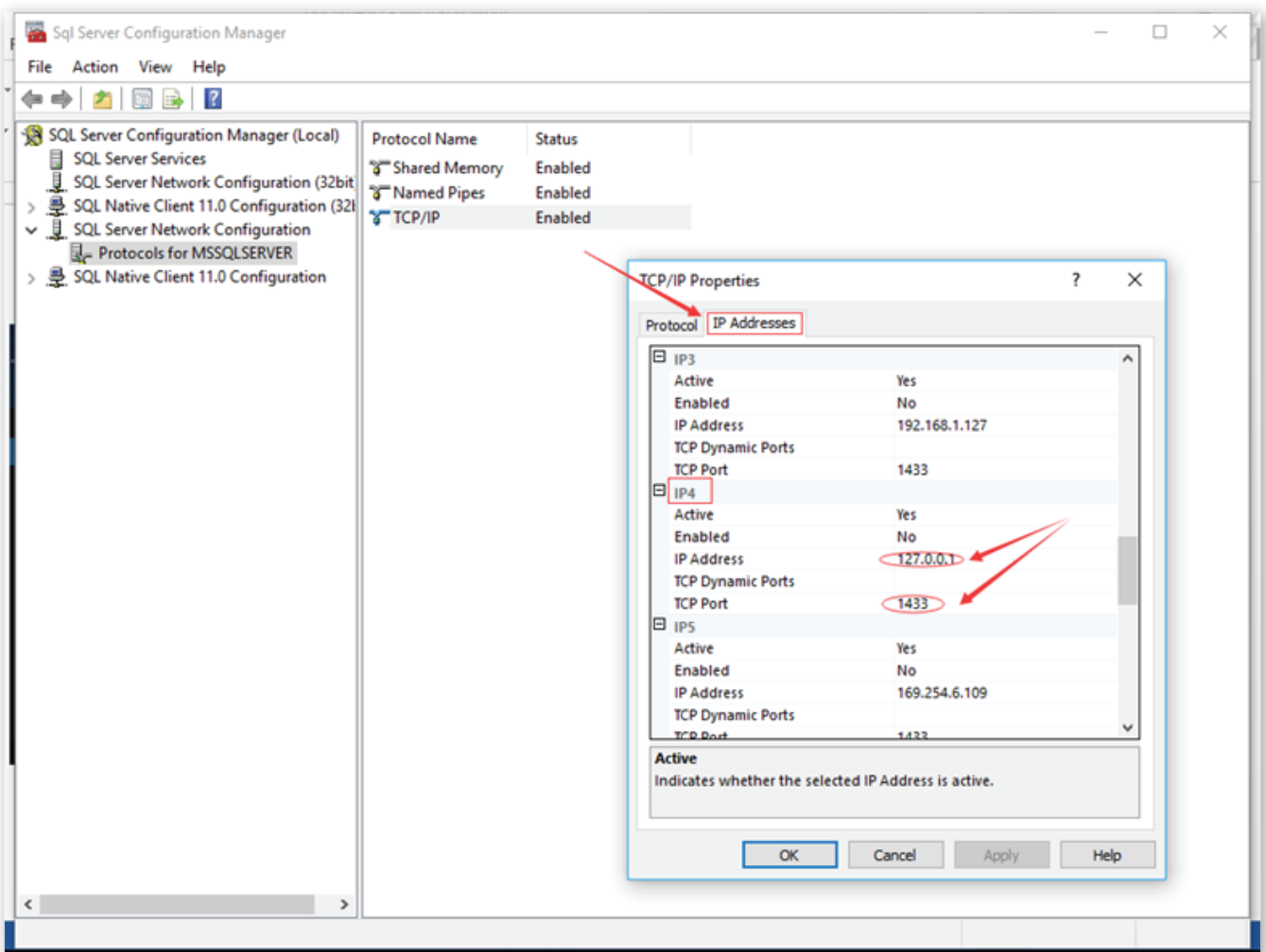


## SQL Server Configuration with BioTime 7.0

\*When you install MS SQL Server, choose Mixed Mode Authentication.

Start → SQL Server Configuration Manager → Protocols for MS SQL SERVER

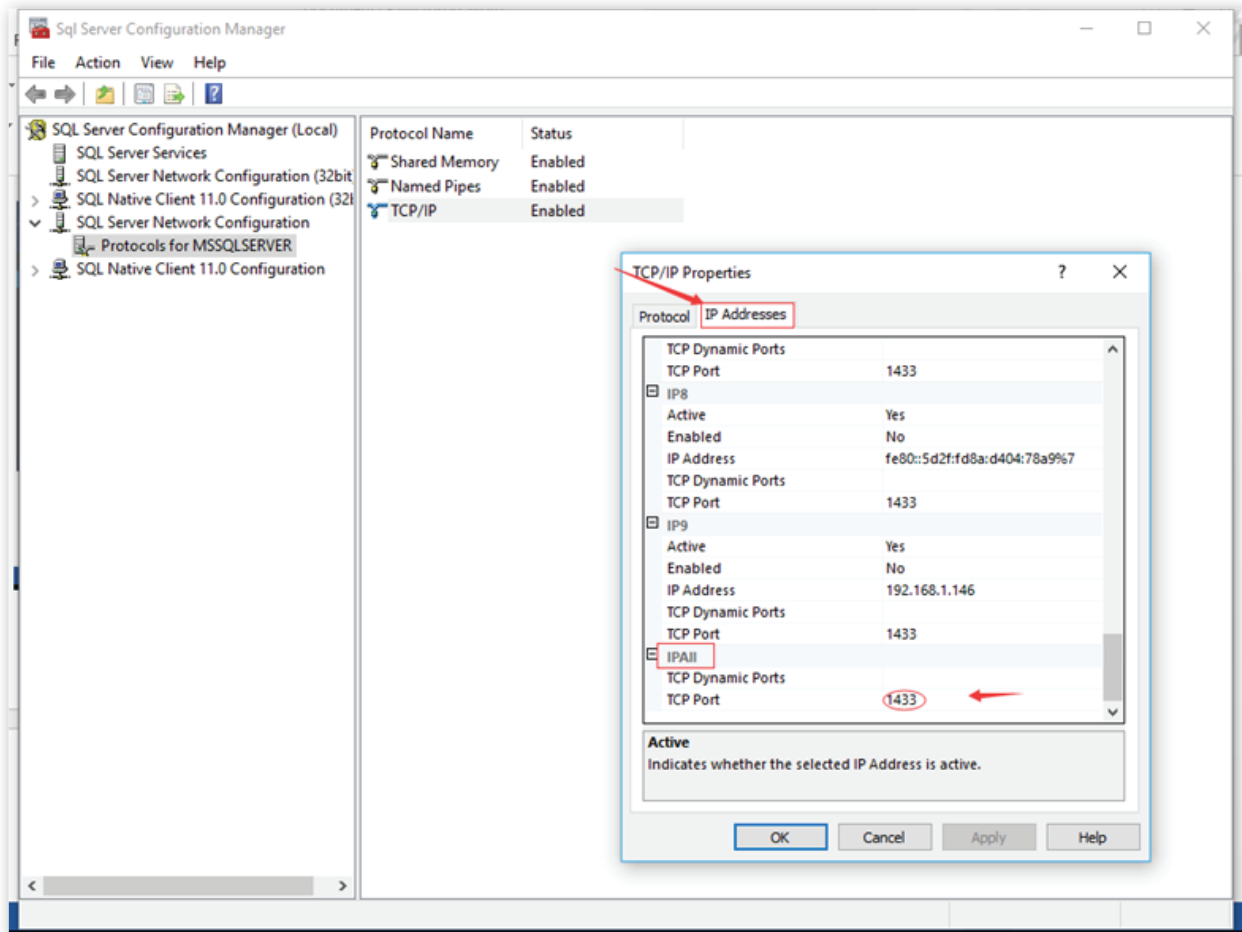
Right click on TCP/IP → Enable TCP/IP





IP Addresses → IPAll

In "IPAll" configuration, empty the values in the 'TCP Dynamic Ports' and type **1433** in the TCP Port.

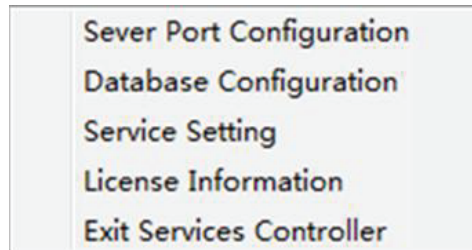


Click OK.

Then restart the SQL services.

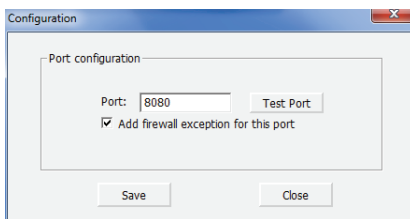
## BioTime 7.0 Database Configuration

Double click **BioTime Service Controller** to open it. There are 5 operation modules:

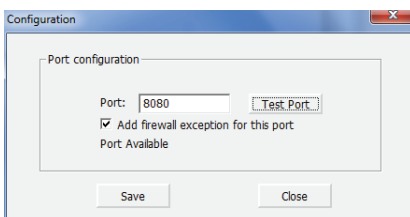


### Server Port Configuration

1. Click **Server Port Configuration**.

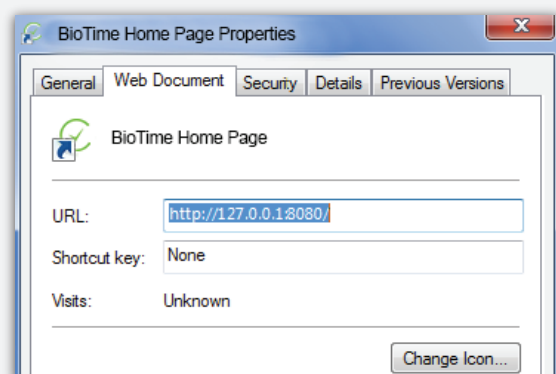


2. Click **Test Port**.



#### NOTE:

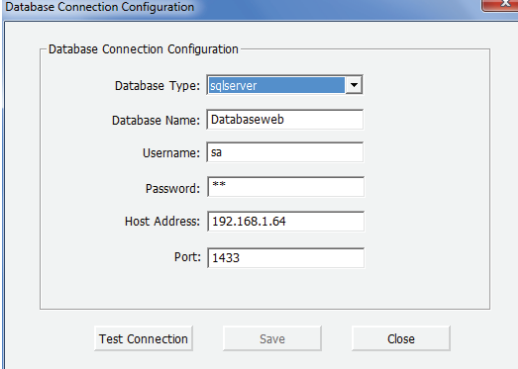
1. "Port Unavailable" means that this port is occupied. Please set another port and re-test.
2. When the port number is modified, you need to right click the icon on the desktop and enter **Properties** to change its URL (shown in the image).



## Database Configuration

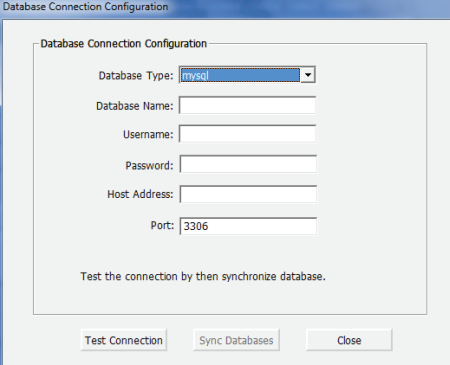
1. Click **Database Configuration**.

\*\*If you have configured the database during the installation, the following page will be displayed.



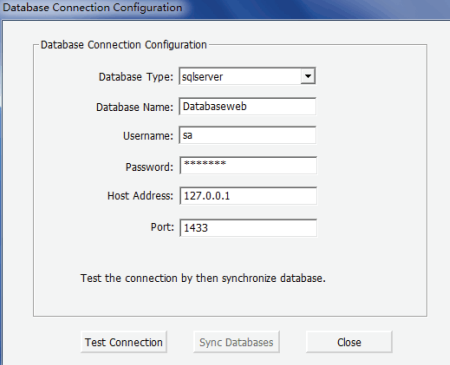
The screenshot shows a window titled "Database Connection Configuration". Inside, there is a section titled "Database Connection Configuration" with the following fields: "Database Type" (a dropdown menu showing "sqlserver"), "Database Name" (text box with "Databaseweb"), "Username" (text box with "sa"), "Password" (text box with "\*\*"), "Host Address" (text box with "192.168.1.64"), and "Port" (text box with "1433"). At the bottom, there are three buttons: "Test Connection", "Save", and "Close".

\*\*If you have not configured the database during the installation, the following page will be displayed.



The screenshot shows a window titled "Database Connection Configuration". Inside, there is a section titled "Database Connection Configuration" with the following fields: "Database Type" (a dropdown menu showing "mysql"), "Database Name" (empty text box), "Username" (empty text box), "Password" (empty text box), "Host Address" (empty text box), and "Port" (text box with "3306"). Below these fields, there is a text label: "Test the connection by then synchronize database." At the bottom, there are three buttons: "Test Connection", "Sync Databases", and "Close".

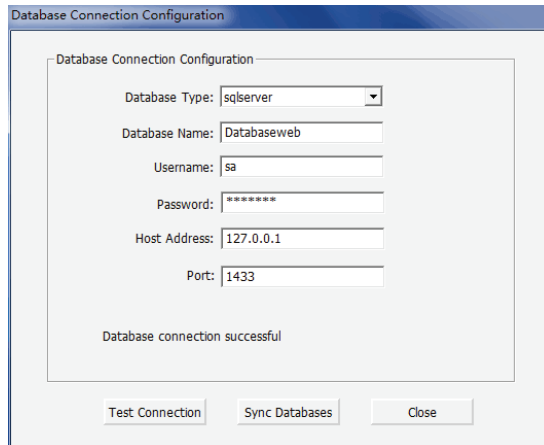
2. You need to select correct database and enter the correct parameters. Then click **Test Connection**.



The screenshot shows a window titled "Database Connection Configuration". Inside, there is a section titled "Database Connection Configuration" with the following fields: "Database Type" (a dropdown menu showing "sqlserver"), "Database Name" (text box with "Databaseweb"), "Username" (text box with "sa"), "Password" (text box with "\*\*\*\*\*"), "Host Address" (text box with "127.0.0.1"), and "Port" (text box with "1433"). Below these fields, there is a text label: "Test the connection by then synchronize database." At the bottom, there are three buttons: "Test Connection", "Sync Databases", and "Close".

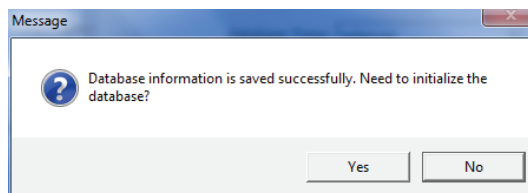
The connection was successful.

3. Click **Sync Database**.

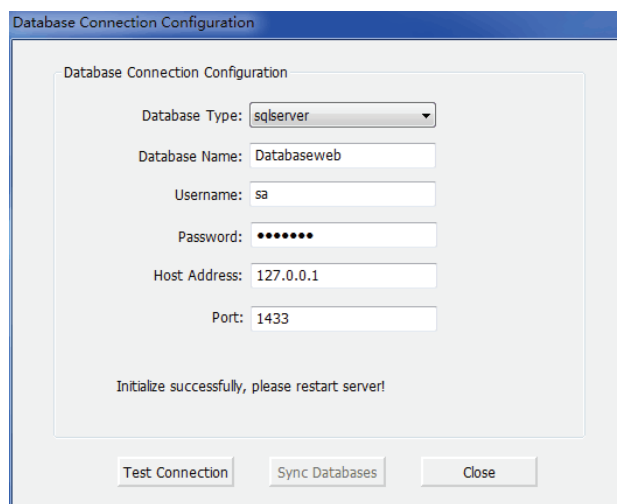


4. Click **Yes** to initialize the database.

You can also click No to stop the initialization.



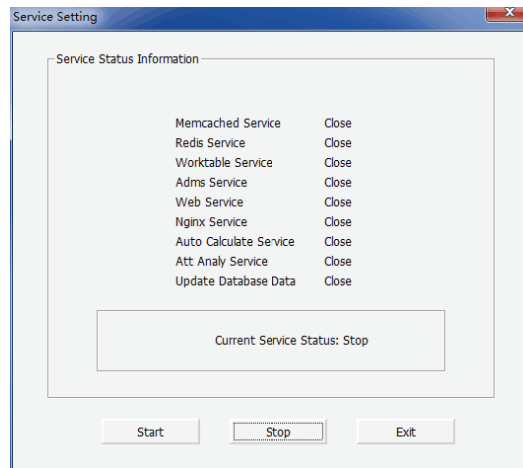
5. Click **Close** and restart the Server Controller.



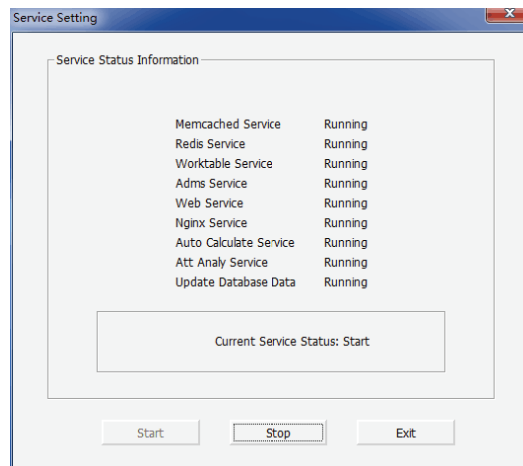
## Service Setting

Click **Service Setting** to stop/start the service while there is no service running.

When there is no service running, click **Start** to start the services.

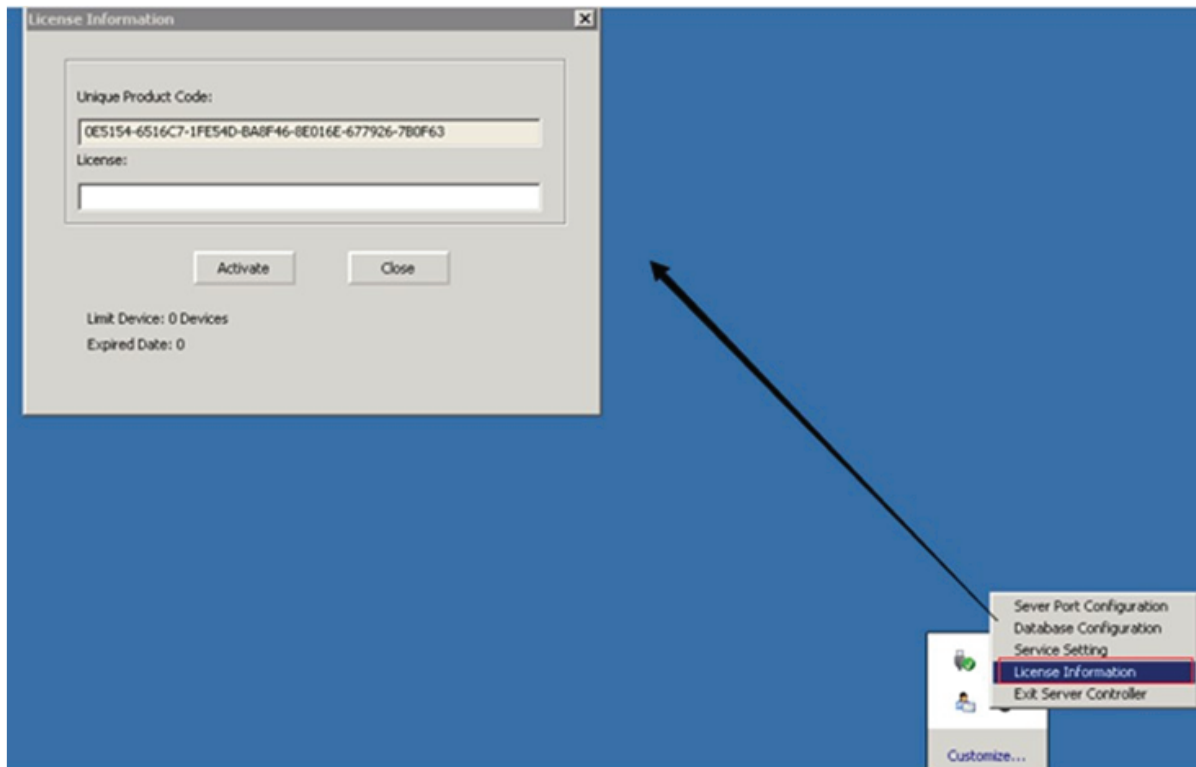


When there is (are) service(s) running, click **Stop** to stop the services.



## Unique Product Code (UPC) Generation

To find the Unique Product Code, right click the server controller license information. Then copy the UPC and send to sales-in-charge.





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