Installation Guide

ZKBio Time

Date: May 2022

Doc Version: 5.0

Software Version: 8.0.7 or above

English

Thank you for choosing our product. Please read the instructions carefully before operation. Follow these instructions to ensure that the product is functioning properly. The images shown in this manual are for illustrative purposes only.

For further details, please visit our Company's website www.zkteco.com.

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If there is any issue related to the product, please contact us.

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About the Company

ZKTeco is one of the world's largest manufacturer of RFID and Biometric (Fingerprint, Facial, Finger-vein) readers. Product offerings include Access Control readers and panels, Near & Far-range Facial Recognition Cameras, Elevator/floor access controllers, Turnstiles, License Plate Recognition (LPR) gate controllers and Consumer products including battery-operated fingerprint and face-reader Door Locks. Our security solutions are multi-lingual and localized in over 18 different languages. At the ZKTeco state-of-the-art 700,000 square foot ISO9001-certified manufacturing facility, we control manufacturing, product design, component assembly, and logistics/shipping, all under one roof.

The founders of ZKTeco have been determined for independent research and development of biometric verification procedures and the productization of biometric verification SDK, which was initially widely applied in PC security and identity authentication fields. With the continuous enhancement of the development and plenty of market applications, the team has gradually constructed an identity authentication ecosystem and smart security ecosystem, which are based on biometric verification techniques. With years of experience in the industrialization of biometric verifications, ZKTeco was officially established in 2007 and now has been one of the globally leading enterprises in the biometric verification industry owning various patents and being selected as the National High-tech Enterprise for 6 consecutive years. Its products are protected by intellectual property rights.

About the Manual

This manual introduces the installation procedure of ZKBio Time software.

All figures displayed are for illustration purposes only. Figures in this manual may not be exactly consistent with the actual products.

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Document Conventions

Conventions used in this manual are listed below:

GUI Conventions

For Software	
Convention	**Description**
Bold font	Used to identify software interface names e.g. **OK**, **Confirm**, **Cancel.**
>	Multi-level menus are separated by these brackets. For example, File > Create > Folder.
For Device	
Convention	**Description**
< >	Button or key names for devices. For example, press <OK>.
[ ]	Window names, menu items, data table, and field names are inside square brackets. For example, pop up the [New User] window.
/	Multi-level menus are separated by forwarding slashes. For example, [File/Create/Folder].

Symbols

Convention	Description
	This represents a note that needs to pay more attention to.
	The general information which helps in performing the operations faster.
	The information which is significant.
	Care taken to avoid danger or mistakes.
	The statement or event that warns of something or that serves as a cautionary example.

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1 Overview

ZKBio Time is an integrated software platform that manages employee's time, attendance, and payroll processing. The software is designed with an intuitive interface that displays the required reports at a single instance. The user can define the architecture of the organization and assign employees to each department. The user can also configure the time and attendance devices for access control, remote monitoring.

2 Software Installation Setup

2.1 System Requirements

Feature	Specifications
Operating System	Windows 7/ 8/ 8.1/ 10 (64-bits) Windows Server 2008/ 2008R2/ 2012/ 2012R2/ 2016/ 2019 (64-bits)
Memory	4GB or above
CPU	Dual-Core Processor with a speed of 2.4GHz or above
Hard Disk	100GB or above (We recommend using NTFS hard disk partition as the software installation directory)

Database

- PostgreSQL 10 (default)
- MS SQL 2005/2008/2012/2014/2016/2017/2019
- MySQL 5.0/ 5.6/ 5.7
- Oracle 10g/11g/12c/19c

Browsers

- Chrome 33+
- Internet Explorer11+
- Firefox 27+

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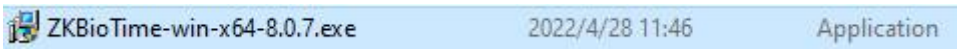
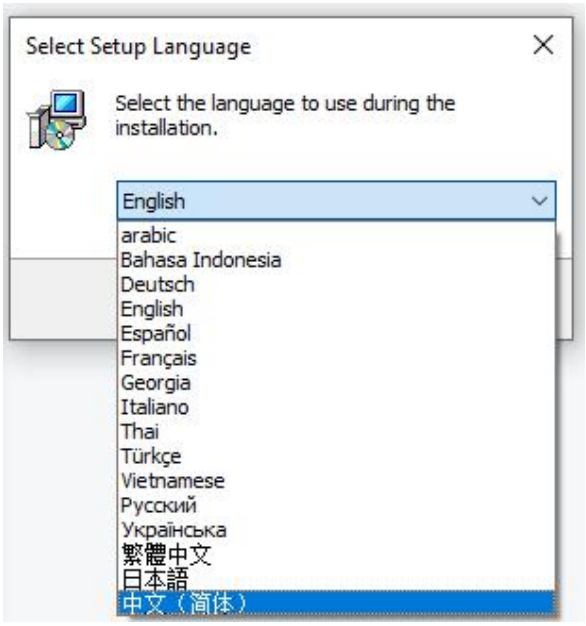
3 Installation Steps

Perform the following steps to install the ZKBio Time software.

1. Right-click the ***setup.exe*** file and select **Run as Administrator.**



2. Select the setup language from the drop-down list.



3. Click ***Start*** to start the installation process.

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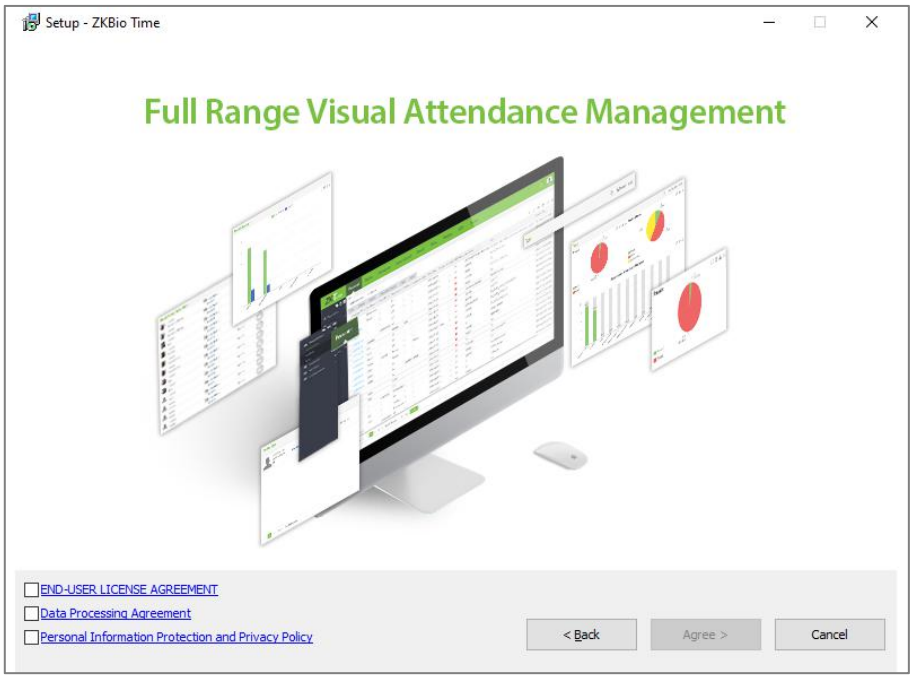
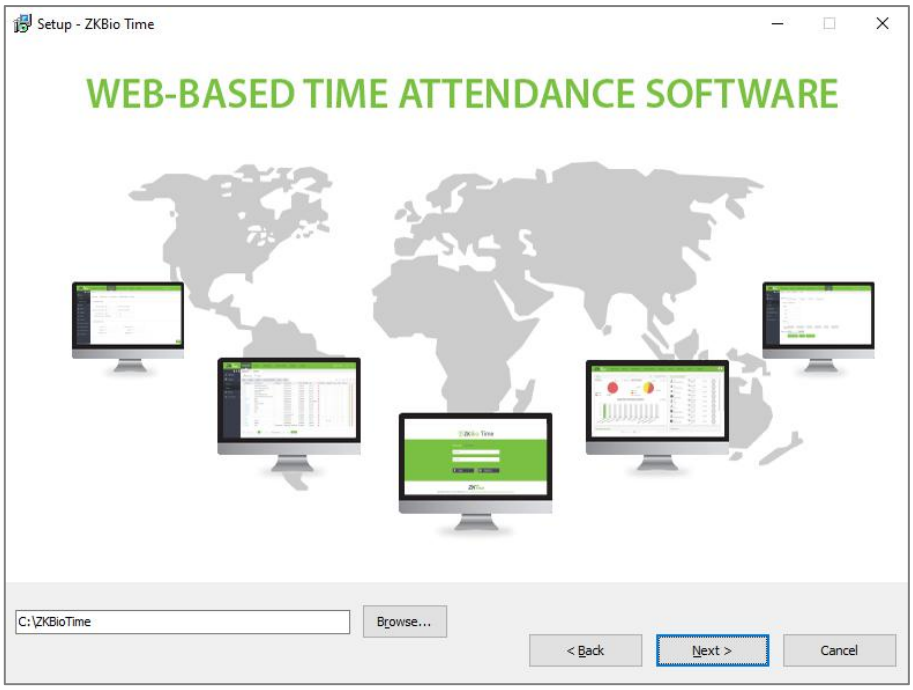
4. Carefully read the License Agreement and click ***Agree*** if you agree to the license terms and conditions and ***Back*** if not.



5. Select the installation path to install the software and click ***Next***.



6. Set the Port number and select ***Add Firewall Exception***.

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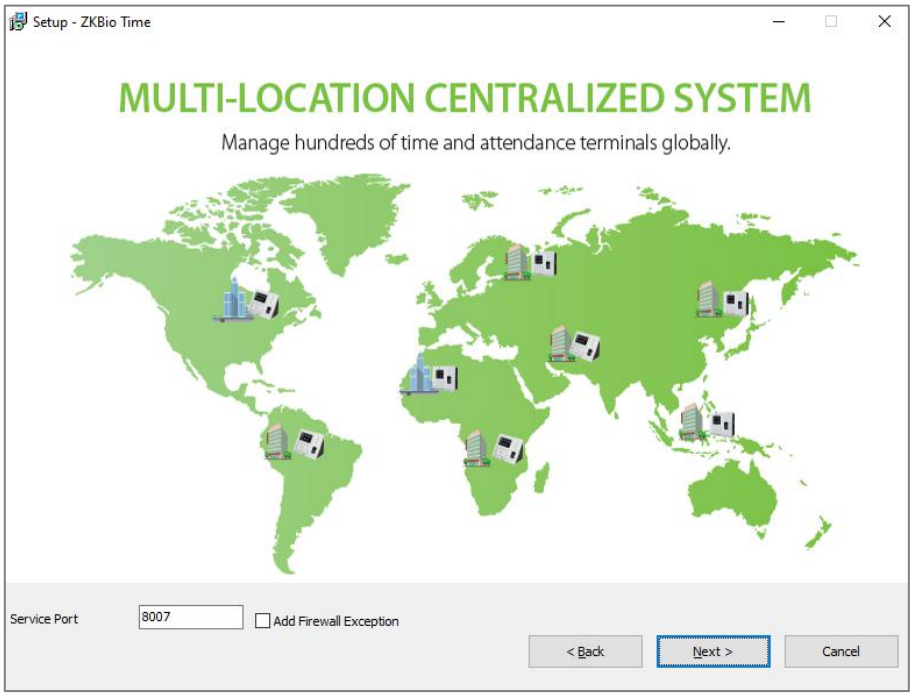
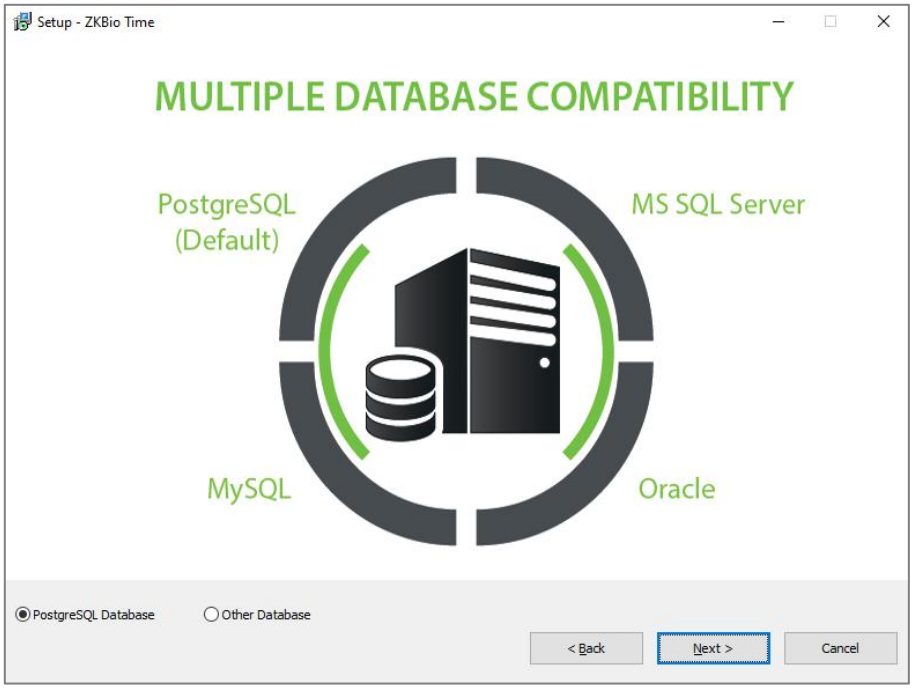


7. Choose ***Default Database*** to install the software in the default database **PostgreSQL**. The user can also configure the database after installation in the ZKBio Time Platform Service Console.



8. If the user chooses to configure the database in the installation process, click ***Other Database*** and select the type of database. Fill in the details accordingly.

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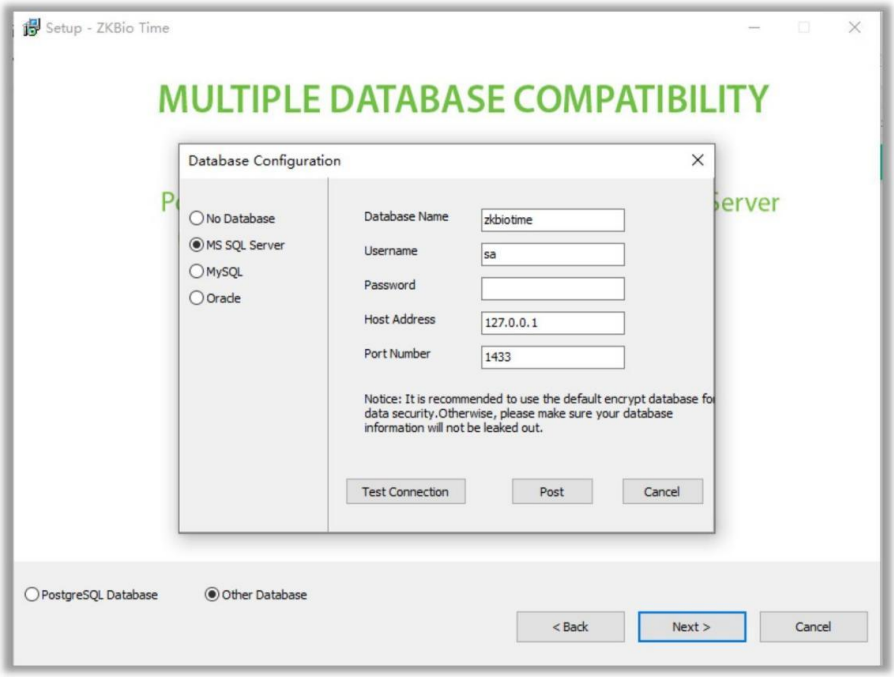
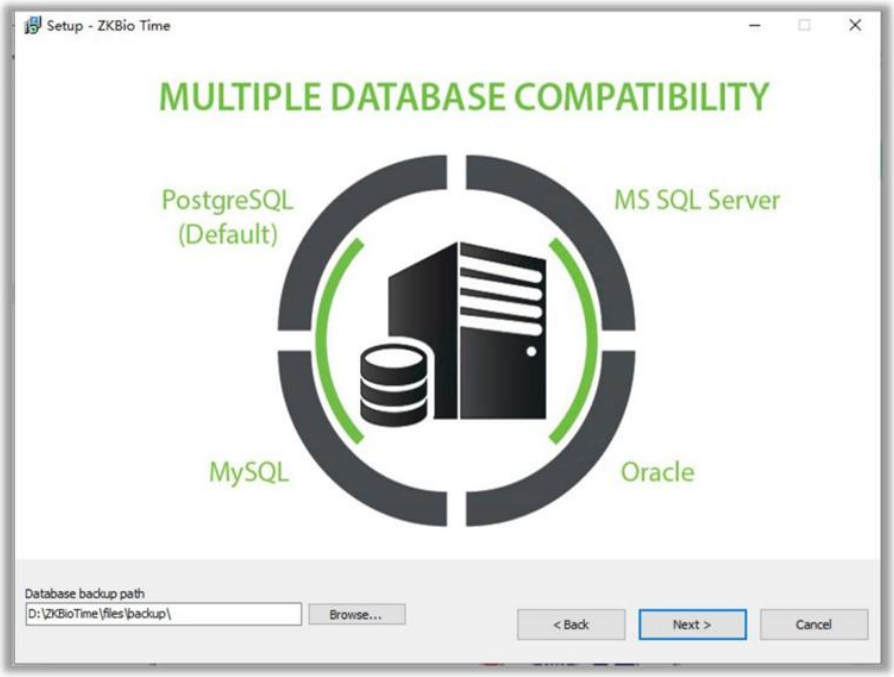


9. Set the ***Database backup path***.



10. Click ***Install***.

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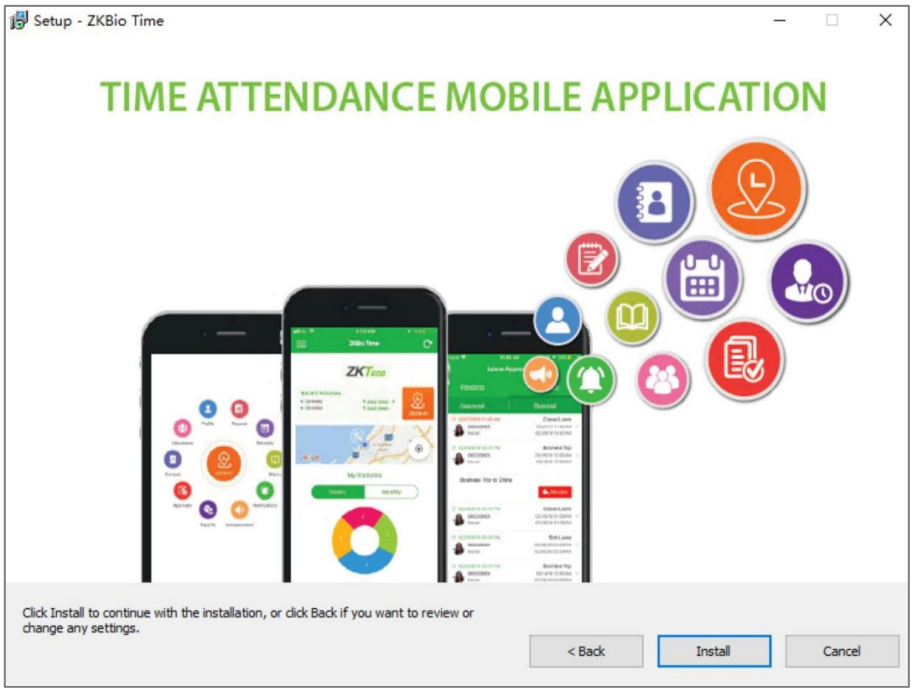
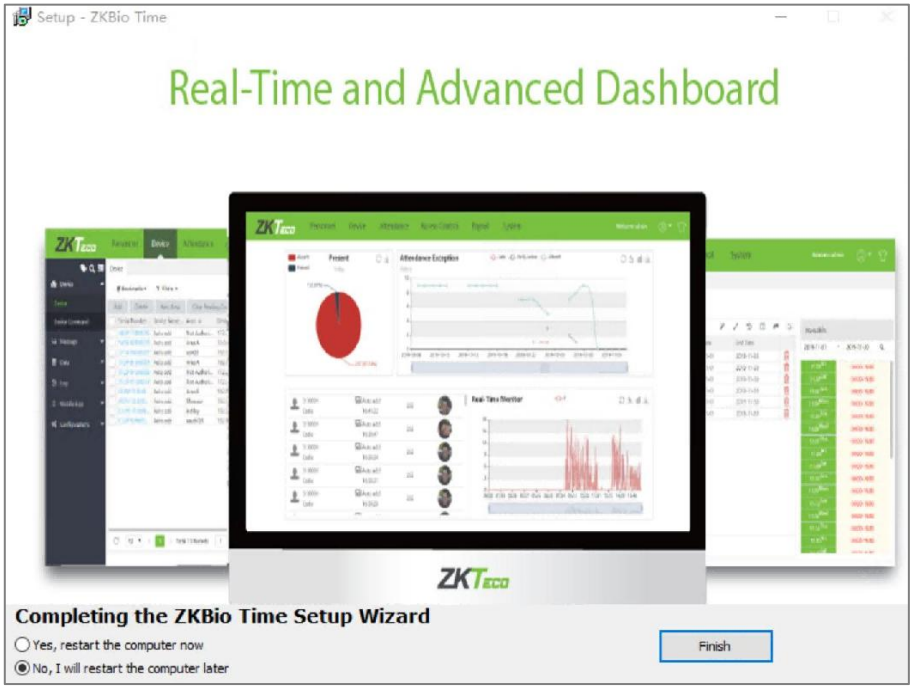


11. Complete the installation process by restarting the system.



12. After installation, run the ***ZKBio Time Platform Service Console*** in the taskbar or in the **Start** menu. Then click ***Start*** under the ***Service*** tab.

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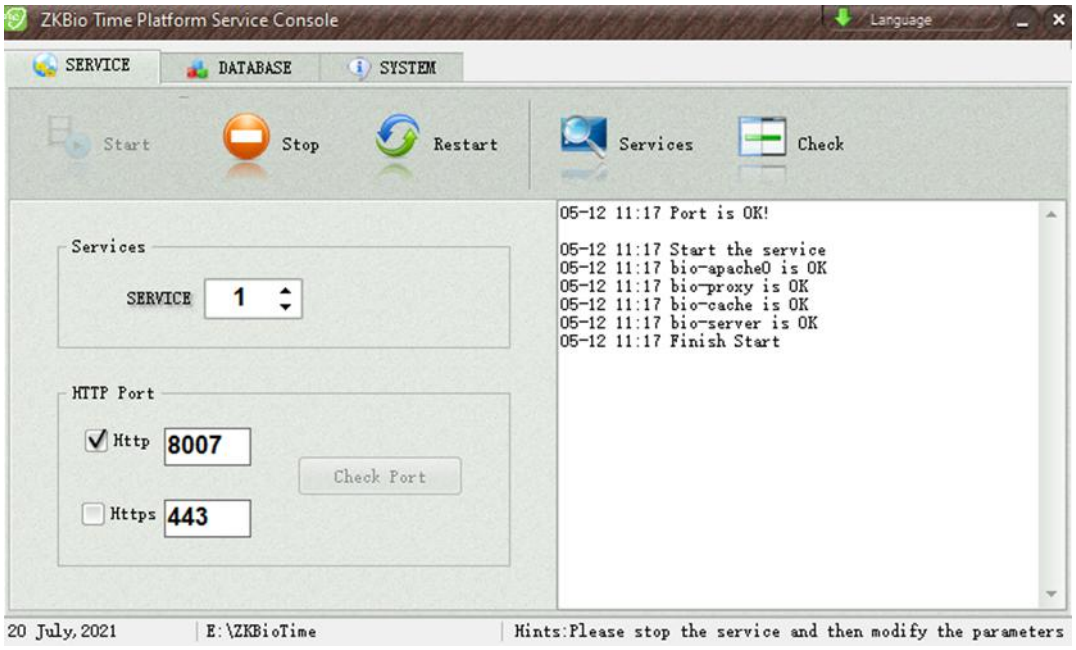

13. Double-click the ZKBio Time Home Page shortcut icon on the desktop. The system login interface will pop up as shown below:

14. Initially, the user needs to create a Super System Administrator and log in the software with the created Administrator account.

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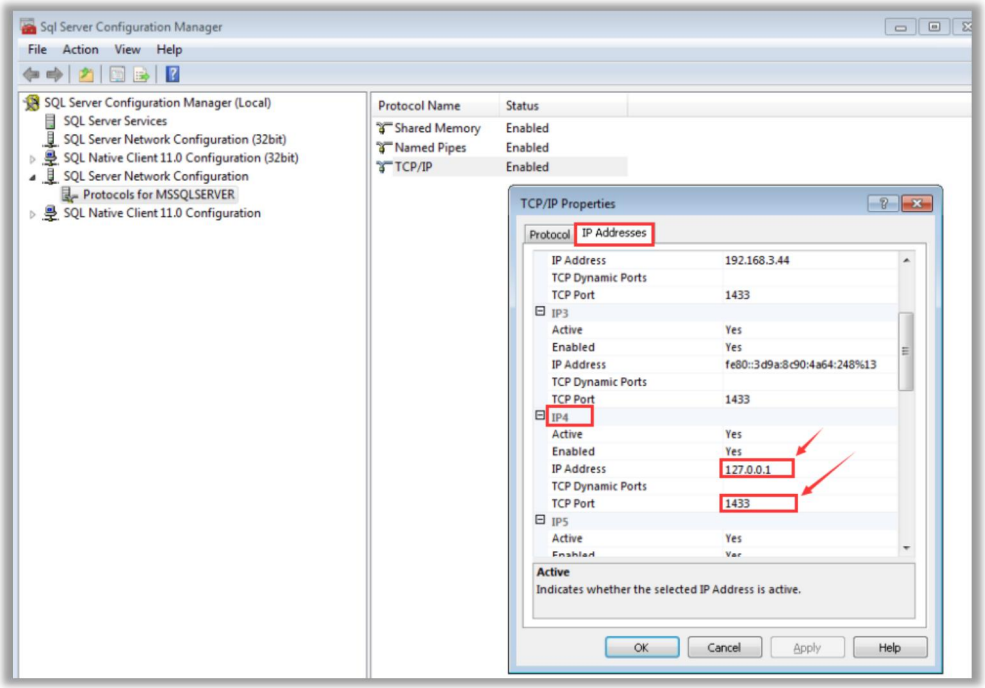
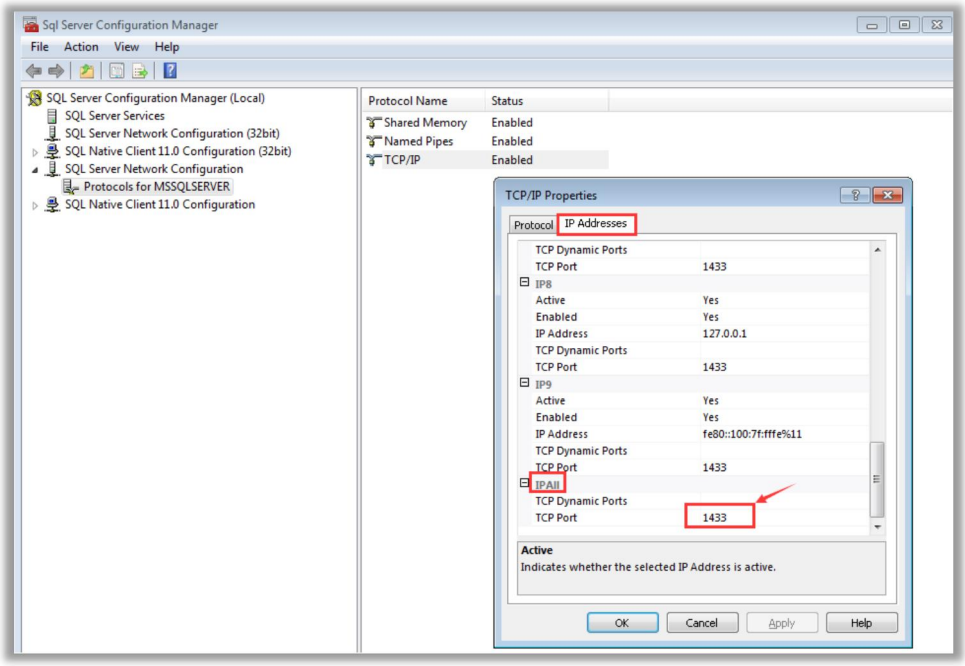
4 SQL Server Configuration with ZKBio Time

- While installing the MS SQL Server, choose **Mixed Mode Authentication**.
- Click **Start** > **SQL Server Configuration Manager** > **Protocols for MS SQL Server**.
- Right-click **TCP/IP** > **Enable TCP/IP.**



- Then select **IP Address** > **IPAll.**
- In **IPAll** configuration, set the value of **TCP Dynamic Ports** as **1433**.



- Click **OK** and then restart the SQL services.

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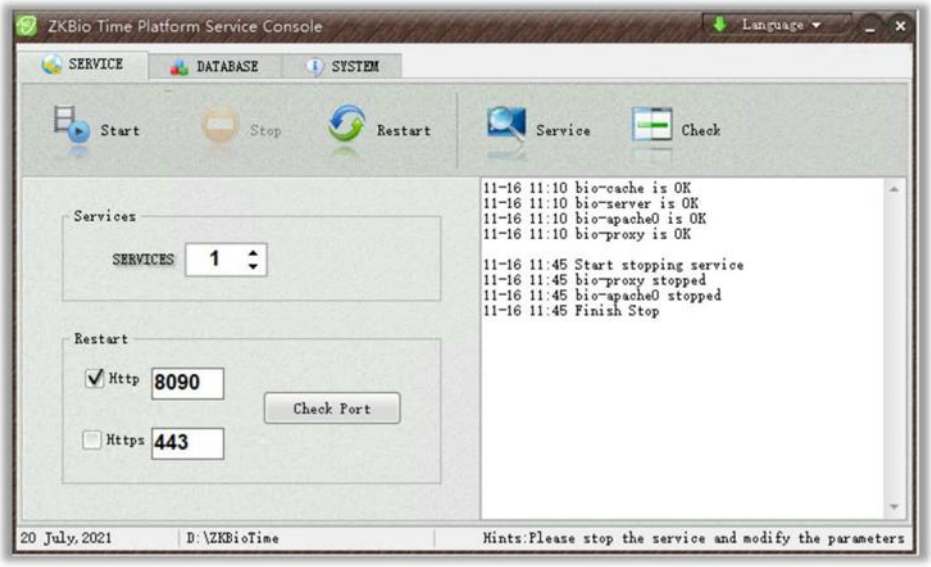
5 ZKBio Time Configuration

Open the ZKBio Time Platform Service Console.

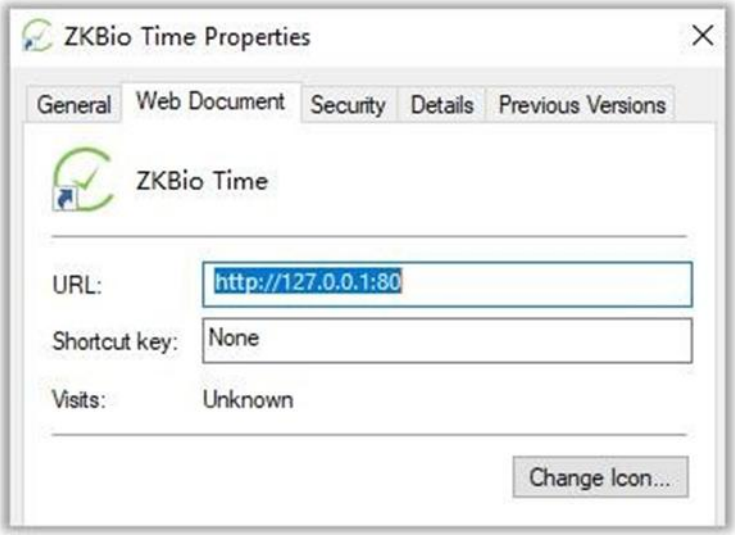
5.1 Server Port Configuration

1. In the **Service** tab, click ***Stop*** to stop the services then enter the port number. Click ***Check Port*** to see if the port number is available. Then click ***Start*** to start the services again.



Note:

1) **"Port Unavailable"** means that this port is occupied. Please set another port and retest.
2) When the port number is modified, right-click the ZKBio Time icon on the desktop and open the **Properties** to change its URL.



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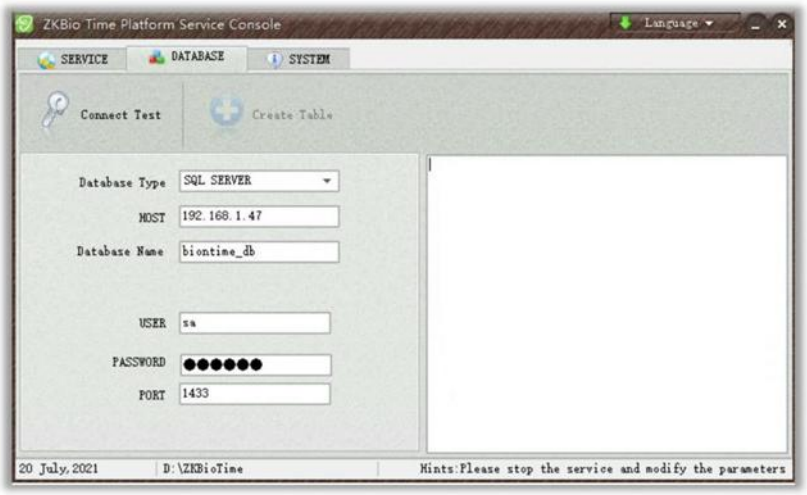
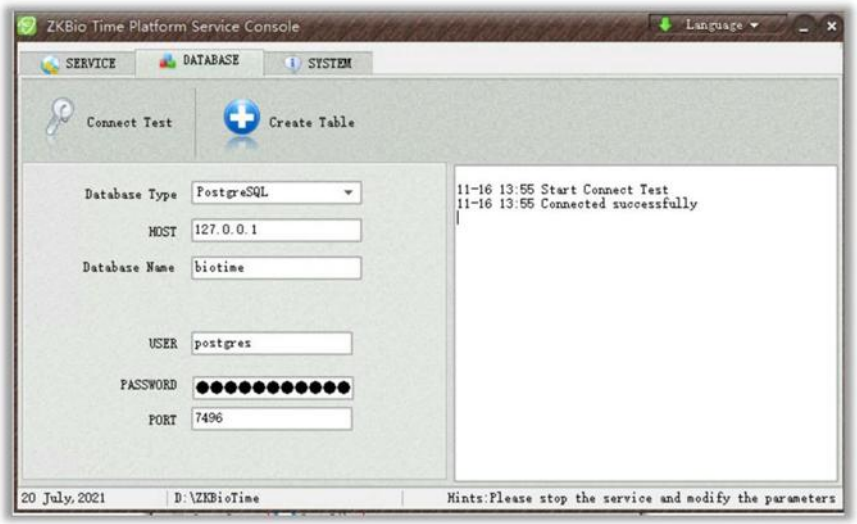
5.2 Database Configuration

1. In the ***Database*** tab, you will see the following image if you have already configured the database during installation.



2. If you have not configured the database during installation, you need to select the desired database and enter the correct parameters then click ***Connect Test***. It will display "Connected Successfully" if the connection was made successfully.



3. Click ***Create Table*** and once it is successful, it will display "Connected Successfully."

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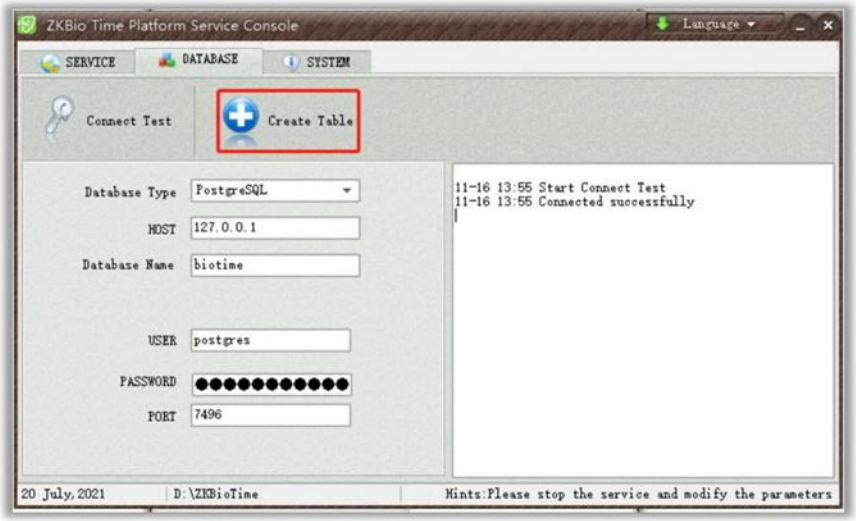

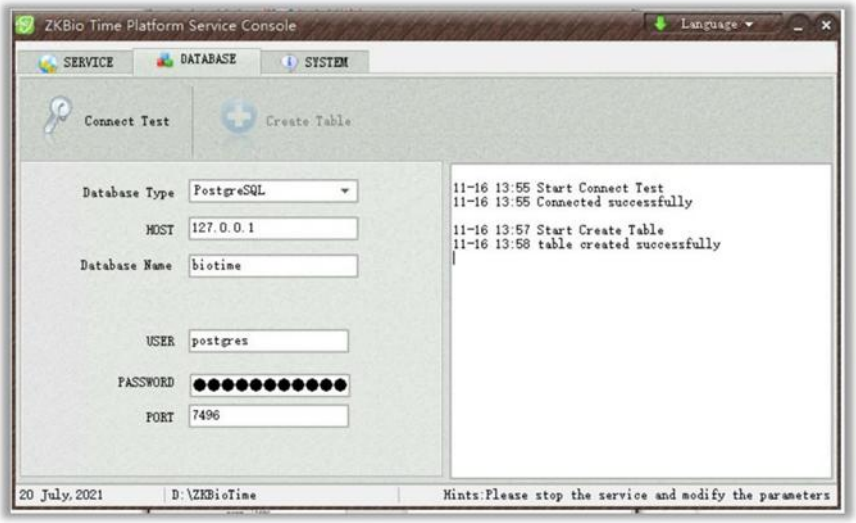

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