

INSTALLATION GUIDE

BioTime 8.5

Version: Date:

1.0 Sep 2019



System Requirements

Software Specifications

Device Capacity	500 in a single server
Database	PostgreSQL (Default) MS SQL Server 2005/2008/2012/2014 (Recommended) MySQL Oracle (Oracle 11g/12c)
Supported OS	Windows 8/8.1/10 Windows Server 2003/2008/2012
Monitor Resolution	1024 x 768 or above

Software Specifications

Device	100	200	500	
CPU	Intel i3 Quad Core	Intel i5 / Magny-Cours	Intel i7 / Magny-Cours	
RAM	4G	8G	16G	
Hard Disk Space	Available space of 100G or above. We recommend using NTFS hard disk partition as the software installation directory. (An NTFS hard disk partition provides better performances and higher security.			

Suggested Browsers

- Chrome 33+
- IE 11+
- Firefox 27+



Download BioTime 8.5 Software

1. Click or copy the following link: http://zkteco.me/ZKTecoME/BioTimeInstallationPackage.rar into your browser or download installation package from the website www.zkteco.me.

2. BioTime 8.5 Installation Package will be automatically downloaded and will be saved to your default Downloads folder.

Install BioTime 8.5 Software

- 1. Go to your default Downloads folder and open installation package.
- 2. Right click *setup.exe* and run the installation setup as Administrator.

Quick access Desktop	^ Na	ame ^				
		CONTRACTOR .	Date modified	Туре	Size	
Desktop 🦻		dll_dog32	7/25/2019 2:19 PM	File folder		
The second of the second s	1	dll_dog64	7/25/2019 2:19 PM	File folder		
👆 Downloads 🛛	1	DII_python	7/25/2019 2:19 PM	File folder		
🚆 Documents 🦻	*	Image	7/25/2019 2:19 PM	File folder		
Pictures 🦻	e -	licdll	7/25/2019 2:19 PM	File folder		
		pullsdk	7/25/2019 2:19 PM	File folder		
		videodll	7/25/2019 2:19 PM	File folder		
		windows	7/25/2019 2:19 PM	File folder		
		ZKECOPackage	7/25/2019 2:28 PM	File folder		
	5	autorun	10/14/2016 7:53 PM	Setup Information	1 KB	
] autorun.tgt	4/23/2015 3:36 PM	TGT File	11 KB	
	0	Biotime	10/13/2016 11:00	lcon	15 KB	
	6	compile_local_lng	4/23/2015 3:36 PM	Windows Batch File	1 KB	
	6	release	4/23/2015 3:35 PM	Windows Batch File	1 KB	
	6	set	4/23/2015 3:36 PM	Windows Batch File	1 KB	
	13	setup	7/25/2019 2:18 PM	Application	326 KB	
	0	Thumbs	4/23/2015 3:35 PM	Data Base File	8 KB	

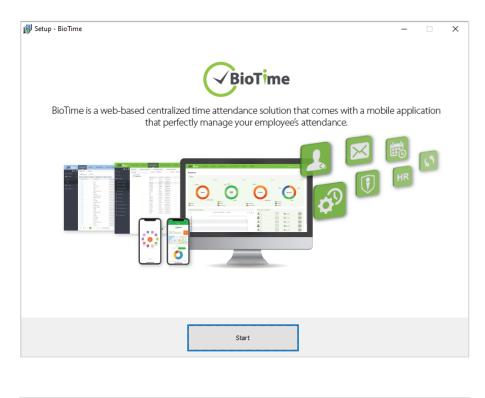
3. Select the language of the software.

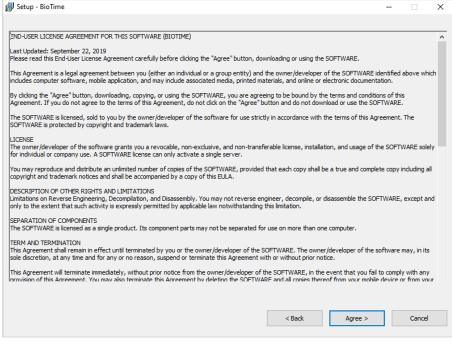
Note: You can change this on the software after the installation.

Select Se	tup Language	×				
18	Select the language to use during the installation:					
	English	\sim				
	OK Cancel					



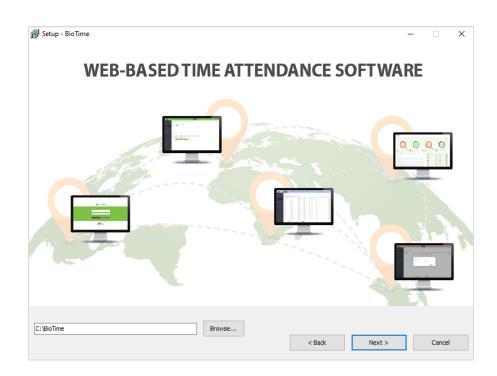
4. Click *Start* button to continue the installation. Read carefully the License Agreement and click *Agree* if you accept the license terms and conditions or *Back* if not.



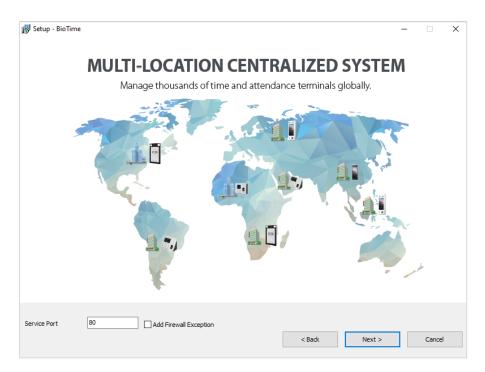


5. Choose the installation file folder and click *Next*.





6. Set the Port Number and tick "Add Firewall Exception".



7. Select the database.

Choose *Default Database* to install the software in the default database (PostgreSQL). Note: You can also configure the database after installation.



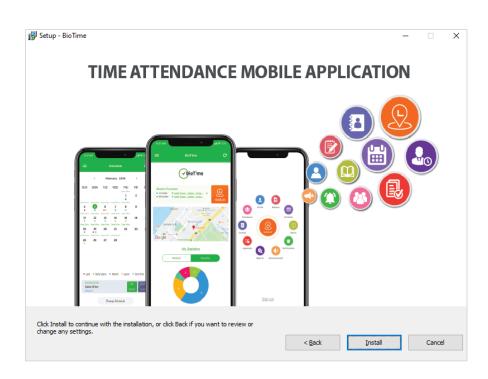
弱 Setup - BioTime	- 🗆 X
MULTIPLE DATABASE CO	MPATIBILITY
	MySQL
PostgreSQL Database Other Database	< Back Next > Cancel

Choose Other Database to configure the database during installation process.

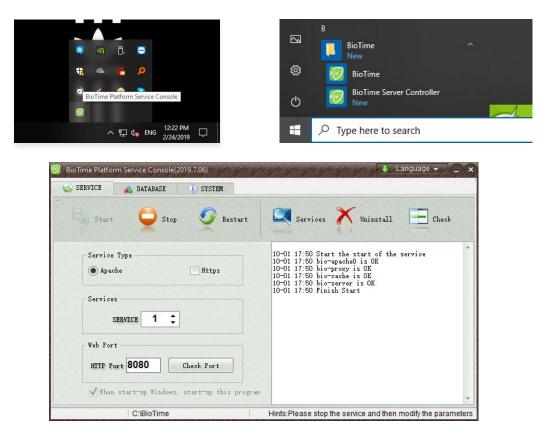
🔂 Setup - BioTime	MULTIPLI Database Configuration	E DATABA	SE COMP	ATIBILI ×	- FY		
Postg (Def	 ○ No Database ⑥ MS SQL Server ○ MySQL ○ Dracle 	Database Name Username Password Host Address Port Number db_config_notice	sa - 127.0.0.1 - 1433]]]	MS SQL		 Database Name SQL Username SQL Password SQL Server IP
O PostgreSQL Database	Other Database	Test Connection	Post < Back	Cancel	t>	Cancel	

8. Click *Install*.





After the installation, run the BioTime Server Controller which you can find in your taskbar or in the Start menu. Then click *Start* under Service tab.





SQL Server Configuration with BioTime 8.5

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*

Image: Sql Server Configuration Manager File Action View Help Image: Sql Server Configuration Manager Image: Sql Server Co					- 0
SQL Server Configuration Manager (Local) SQL Server Services SQL Server Network Configuration (32bit) SQL Server Network Configuration (32bit) SQL Server Network Configuration (32bit) SQL Server Network Configuration	Protocol Name Tom Shared Memory Tom Named Pipes TCP/IP	Status Enabled Enabled Enabled	CP/IP Properties		? ×
> 🧟 SGL Native Client TI.0 Configuration			Protoci (P Addresse) (P II) Adtive Enabled IP Address TCP Dynamic Ports TCP Port Adtive Enabled IP Address TCP Dynamic Ports TCP Port IP 5 Adtive Enabled IP Address TCP Dynamic Ports TCP Dort Indicates whither the select Indicates whither the select	Ves No 12106.1.127 1433 Ves No 122000.1 Ves No 12300.1 Ves No 1240.2 Statu No 1240.2 Statu No 1240.2 No 1240 No 1240.2 No 1240.2 No 1240 No 1240 N	
			ОК	Cancel Apply	Help
< >					

IP Addresses > IPAII

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

Image: Solid Server Configuration Manager (Local) SQL Server Configuration Manager (Local) SQL Server Services SQL Server Clement 10: Configuration (2bb) SQL Server Network Configuration (2bb)	Protocol Name Shared Memory Named Pipes	Status Enabled Enabled			
	TCP/IP	Enabled	-TCP/IP Properties	3	×
			Protocol P Addresses TCP Port TCP Port Port Protocol Proto	1433 We 1600:562550568404047869917 1433 We 192.168.1.146 1433	•
			Active Indicates whether the select	ted IP Address is active.	v Help

Click OK the restart the SQL services.



BioTime 8.5 Configuration

Open the BioTime Platform Service Console.

Server Port Configuration

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

BioTime Platform Service Console(2019.7.06)	Language 🗸 🗋 🗙
SERVICE 🔬 DATABASE 💽 SYSTEM	
Start 💭 Stop 👰 Restart	Services X Uninstall E Check
Service Type Apache Services SERVICE 1 Web 2	10-02 08:21 bio-apache0 is OK 10-02 08:21 bio-proxy is OK 10-02 09:03 Start stopping service 10-02 09:03 bio-proxy stopped 10-02 09:03 bio-proxy stopped 10-02 09:03 Finish Stop 10-02 09:04 Start Check Port 10-02 09:04 Fort is OK! port=8089
Web Port HTTP Port 8089 [Check Port]	*
C:\BioTime	Hints:Please stop the service and then modify the parameters

Note:

I. "Port Unavailable" means that this port is occupied. Please set another port and re-test.

II. When the port number is modified, right click on the BioTime icon \bigcirc on the desktop and enter Properties to change its URL (shown in the image).

	perties	-			
ieneral Web [Document	Security	Details	Previous Versions	
Bio Time					
URL:	http://12	27.0.0.1:80	80		
Shortcut key:	None				
	Unknown				



Database Configuration

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

🧐 BioTime Platform Serv	ice Console(2019.7.06)	🕹 Language 👻 🚊 🗙
service 🎿 🕯	DATABASE I SYSTEM	
Connect Test	Create Table	
Database Type HOST Database Name	SQL SERVER 192.168.1.67 biotime_db	
USER PASSWORD PORT	sa ****** 1433	
 C	:\BioTime	Hints:Please stop the service and then modify the parameters

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 "Connect Successfully" if the connection was made successfully.

🧭 BioTime Platform Sen	rice Console(2019.03)	en ka 🖂 🏵
SERVICE	DATABASE SYSTEM	
Connect Test	Create Table	
Database Type HOST Database Name	SQL SERVER - 192.168.1.67 biotime_db	02-24 16:03 Start Connect Test 02-24 16:03 connect successfully
USER PASSWORD PORT	5a ****** 1433	
1		Hints:Please stop the service and then modify the parameters



3. Click Create Table and once done it will display "Connect Successfully."

🧭 BioTime Platform Serv	rice Console(2019.03)	an ka C 🏵
SERVICE	DATABASE SYSTEM	
Connect Test	Create Table	
Database Type HOST Database Name USER	SQL SERVER 192.168.1.67 biotime_db	02-24 16:12 Start Connect Test 02-24 16:12 connect successfully
PASSWORD	*****	
		Hints:Please stop the service and then modify the parameters

BioTime Platform Serv	A FRANCE AND	a ka B
Connect Test	Create Table	
Database Type HOST Database Name USER	SQL SERVER - 192.168.1.67 biotime_db	02-24 16:10 Start Connect Test 02-24 16:10 connect successfully 02-24 16:10 Start Create Table 02-24 16:11 connect successfully
PASSWORD PORT	****** 1433	
		Hints:Please stop the service and then modify the parameter

4. After connecting successfully, click Start under Service tab.

For any clarifications regarding the Installation Guide, please contact us through e-mail at softwaresupport@zkteco.com.

ZKTeco Middle East

Office 1207, Floor 112, Arenco Tower, Media City, Sheikh Zayed Road, Dubai, U.A.E. Tel: +971 4 3927649 Fax: +971 4 3792752 E-mail: zk_me@zkteco.com www.zkteco.me

