
BizTalk 360 Installation Guide

Version:	1.0
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This user guide will aid you through the installation and uninstallation procedures of BizTalk 360.

Download

The installation package can be downloaded from the website

<http://www.biztalk360.com/Protected/Download.aspx>.

A basic user registration is required before downloading the BizTalk 360 MSI package. A 30 days free trial key will be emailed to the registered email address. The trial key is valid for both standard and enterprise edition and can be tested in as many environment as required.

Editions

To keep the licensing model simple and straight forward BizTalk 360 comes in 3 main editions in line with Microsoft BizTalk Server editions.

- Developer
- Standard, and
- Enterprise

It's very important to download and install the appropriate edition of BizTalk 360 depending on your Microsoft BizTalk Server installation (ex: For Microsoft BizTalk Server enterprise edition, you'll need

BizTalk 360 enterprise edition). Installing the wrong edition will result in runtime license validation errors and only option to correct it will be reinstalling the correct edition.

Developer Edition is completely free with some basic restrictions. The main restrictions for using Developer edition is, it can only be installed on the computer running Microsoft BizTalk Server developer edition and both BizTalk and SQL server should be installed on the same computer.

Standard and Enterprise are commercial editions targeted for Microsoft BizTalk server standard and enterprise environment respectively.

Pre-Requisites

For a successful installation of BizTalk 360 it's important to check whether your environment meets the following pre-requisites condition.

- Supported OS (Windows 2003, R2, 200, R2, Windows 7, and XP SP3).
- Minimum .Net Version of 3.5 SP1.
- Supported BizTalk Servers – 2006, 2006 R2, 2009, 2010.
- IIS Server availability.
- Administrator rights for the user.
- ASP.Net Registered.
- Windows Authentication component for IIS (7.0 and above).
- SQL Server (any version including express is supported)

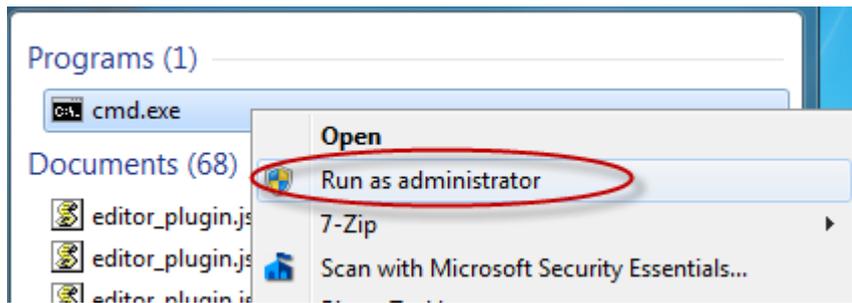
The MSI installer is automated as much as possible to detect all the pre-requisite conditions; it won't allow proceeding further if it detects any missing components. If any errors highlighted, user need to cancel the setup, correct the highlighted error and re-run the MSI again.

Installation Wizard Navigation

Once the MSI is downloaded from <http://www.biztalk360.com>, follow the below steps to install BzTalk 360.

Step 1: Run as Administrator

One of the basic pre-requisite is to run the MSI as an administrator. In computers running Windows 7, 2008, 2008 R2 you can click on the Start menu and type "cmd" on the search box. Once the "cmd.exe" program appears on the list, right click and select "Run as administrator" as shown in the below figure. (Note: In some versions of the OS, when you right click on the MSI file you'll get the option to "Install as administrator", you can use that option as well)



Step 2: Run the MSI

On the command prompt, navigate to the location where the .msi file is stored and execute the msi file.

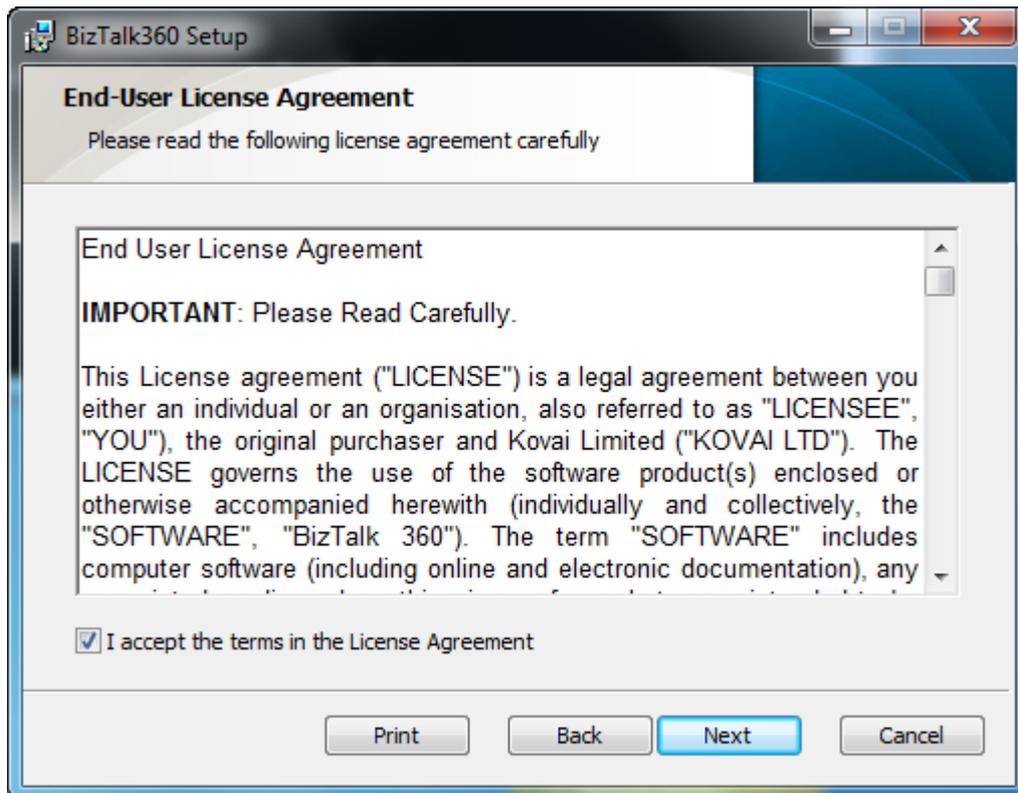
A screenshot of a Visual Studio Command Prompt window titled 'Administrator: Visual Studio Command Prompt (2010)'. The window shows the following commands and their output:

```
Setting environment for using Microsoft Visual Studio 2010 x86 tools.  
C:\Windows\system32>cd\  
C:\>cd TEMP  
C:\TEMP>cd..  
C:\>cd DevProj  
C:\DevProj>cd ReleaseTesting  
C:\DevProj\ReleaseTesting>BizTalk360.Setup.1.0.165.0.msi  
C:\DevProj\ReleaseTesting>
```

Step 3: End User License Agreement (EULA)

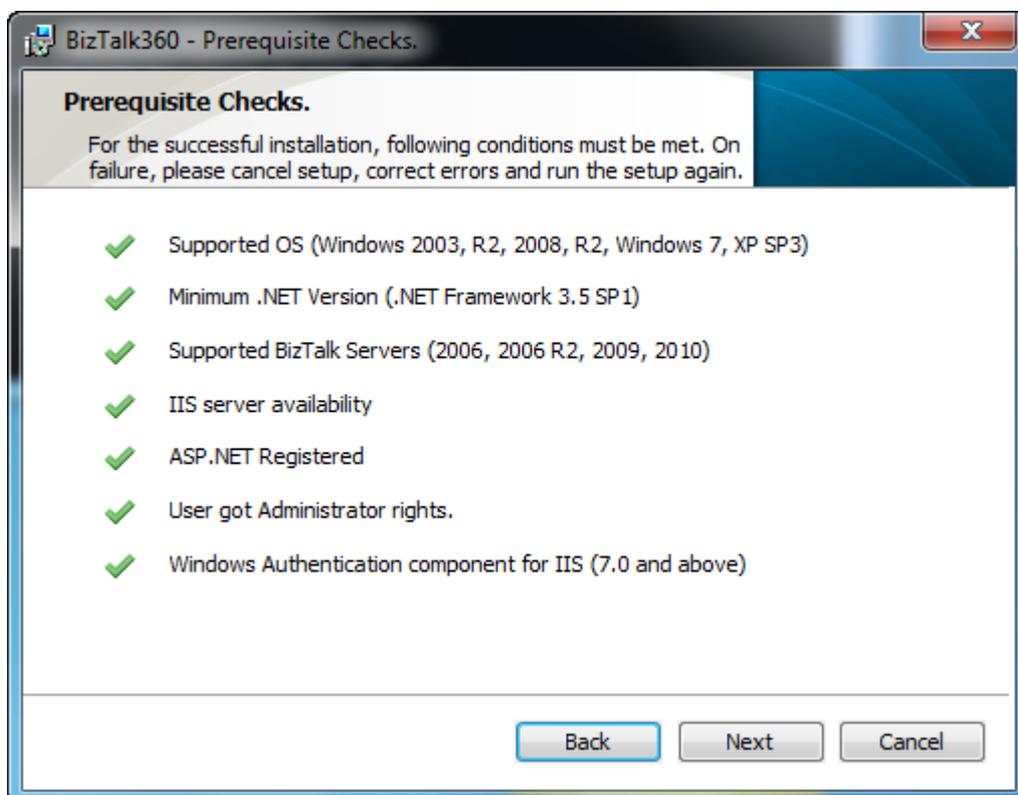
Biztalk installation Wizard will launch and display the Welcome page, just click "Next" button.

The next page is the End User License Agreement (EULA) agreement, which explains the licensing Terms and Conditions. If you agree on the T&C, you can select "I accept the terms in the License Agreement" check box and click the "Next" button.



Step 4: Automatic Pre-Requisite Checks

The next screen is the Prerequisite checks. If one or more of the prerequisites fail, cancel the installation and make sure that all the pre-requisite conditions are met before installation.

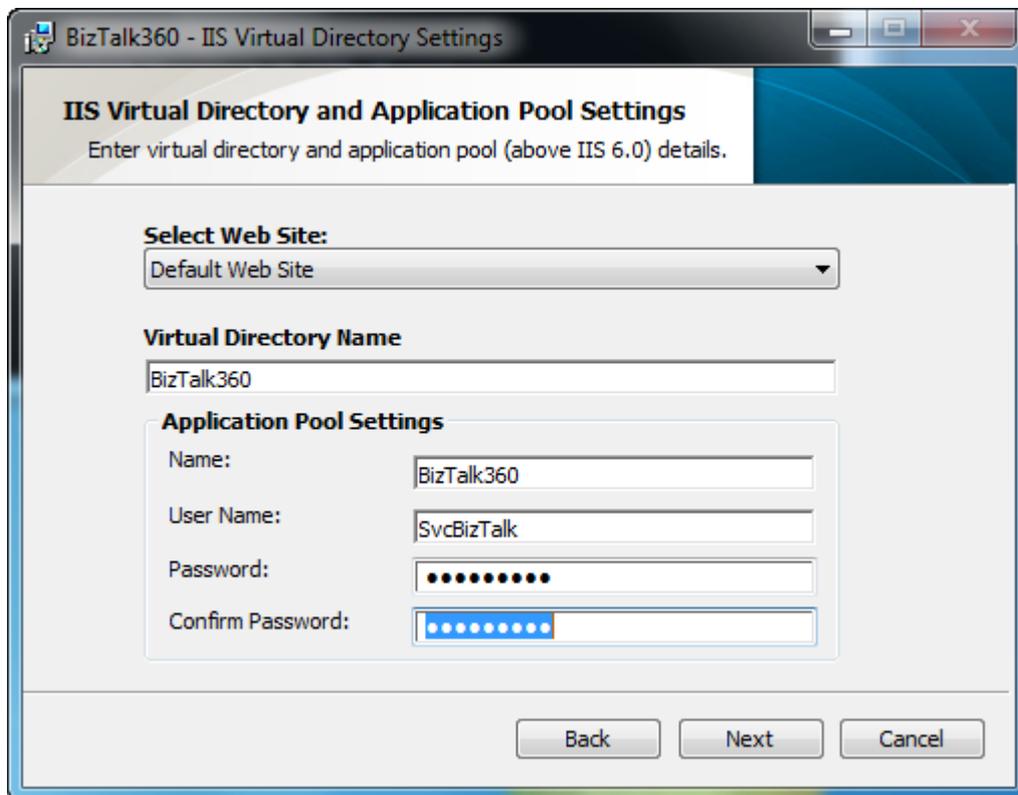


Step 5: IIS Virtual Directory/Application Pool setting

This screen allows the user to select the IIS web site where you want to create the virtual directory for BizTalk 360. By default the virtual directory is named as "BizTalk30", If required the user can change the name. This screen also allows the user to setup the IIS application pool details (which will be configured for the virtual directory), user need to provide a username and password, which will be used for application pool identity. Make sure the configured application pool user is part of the following windows groups.

- BizTalk Server Administrators Group
- SSO Administrators Group
- IIS_IUSRS group

Note: When configuring multiple environments, its essential to make sure the application pool user is part of the remove BizTalk Server Administrators and SSO Administrators group.



The screenshot shows a Windows dialog box titled "BizTalk360 - IIS Virtual Directory Settings". The main heading is "IIS Virtual Directory and Application Pool Settings" with a subtitle "Enter virtual directory and application pool (above IIS 6.0) details." The dialog contains the following fields and controls:

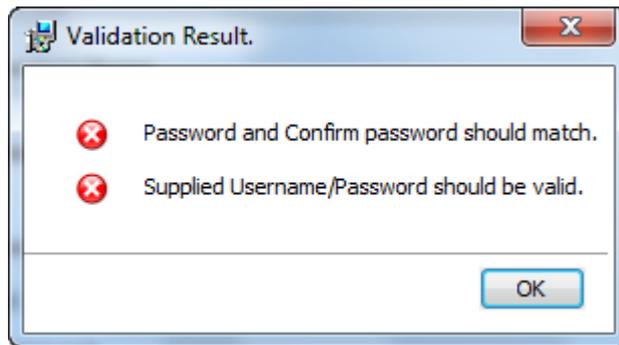
- Select Web Site:** A dropdown menu currently showing "Default Web Site".
- Virtual Directory Name:** A text input field containing "BizTalk360".
- Application Pool Settings:** A section containing four fields:
 - Name:** Text input field containing "BizTalk360".
 - User Name:** Text input field containing "SvcBizTalk".
 - Password:** Password input field with masked characters (dots).
 - Confirm Password:** Password input field with masked characters (dots).

At the bottom of the dialog, there are three buttons: "Back", "Next", and "Cancel".

There are two sets of validation checks performed

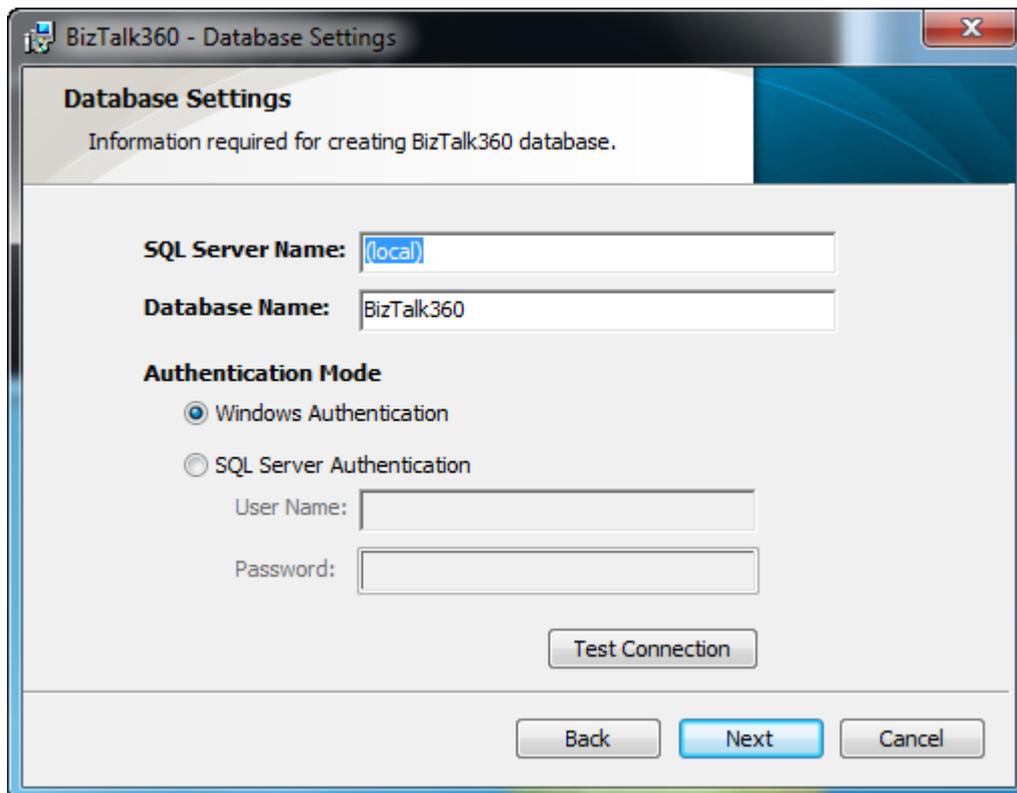
1. The password and Confirm Passord must match
2. Username and Password combination should be valid.

If any one of the validation check fails, the following screen will be displayed.



Step 6: Database Creation

BizTalk 360 uses a SQL server backend database to store its runtime data. This screen helps users to configure the location of that database. The user can specify either local or remote SQL server instance name and the required authentication details. You can validate the details by pressing the "Test Connection" button.



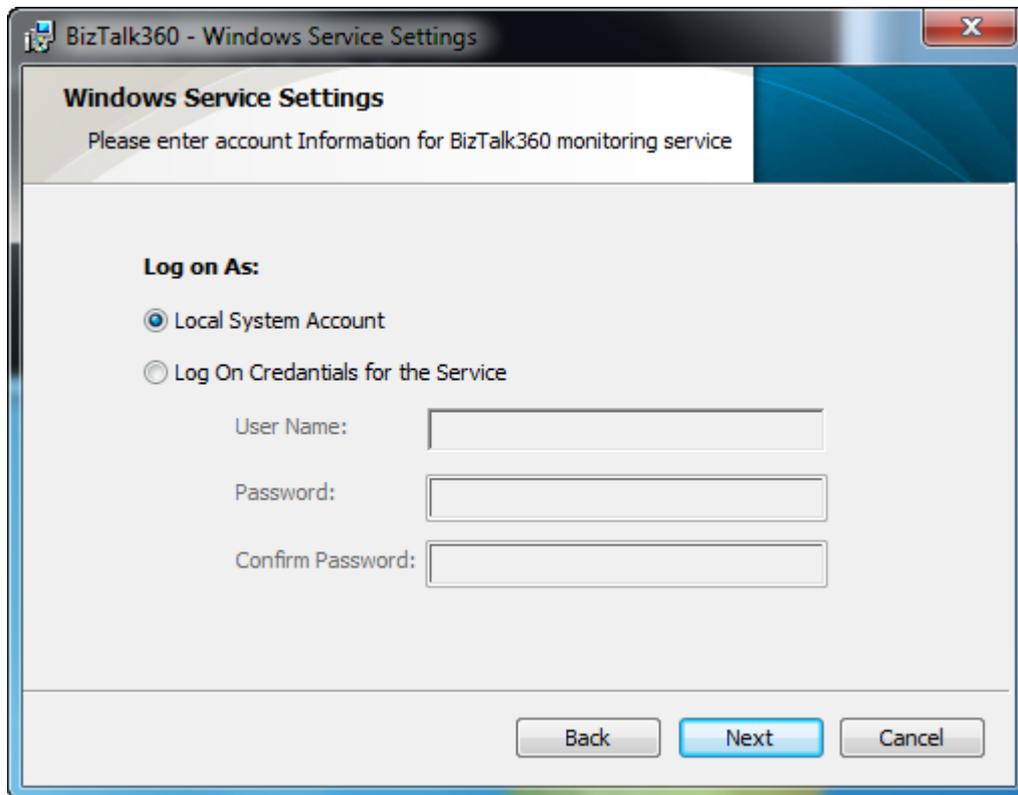
Step 7: Background Monitoring Service configuration

BizTalk 360 uses a background Windows service for certain tasks like creating event log data and persisting in the backend SQL server database, taking care of data purging etc.

This screen allows the user to configure the credentials for the NT service. If it's a single server environment (ex: Development), you can leave the default setting "Local System". But for multi server deployment and multi environment configuration, you need to configure a domain account

and make sure the account got sufficient privileges to access the event viewer in all the servers/environments.

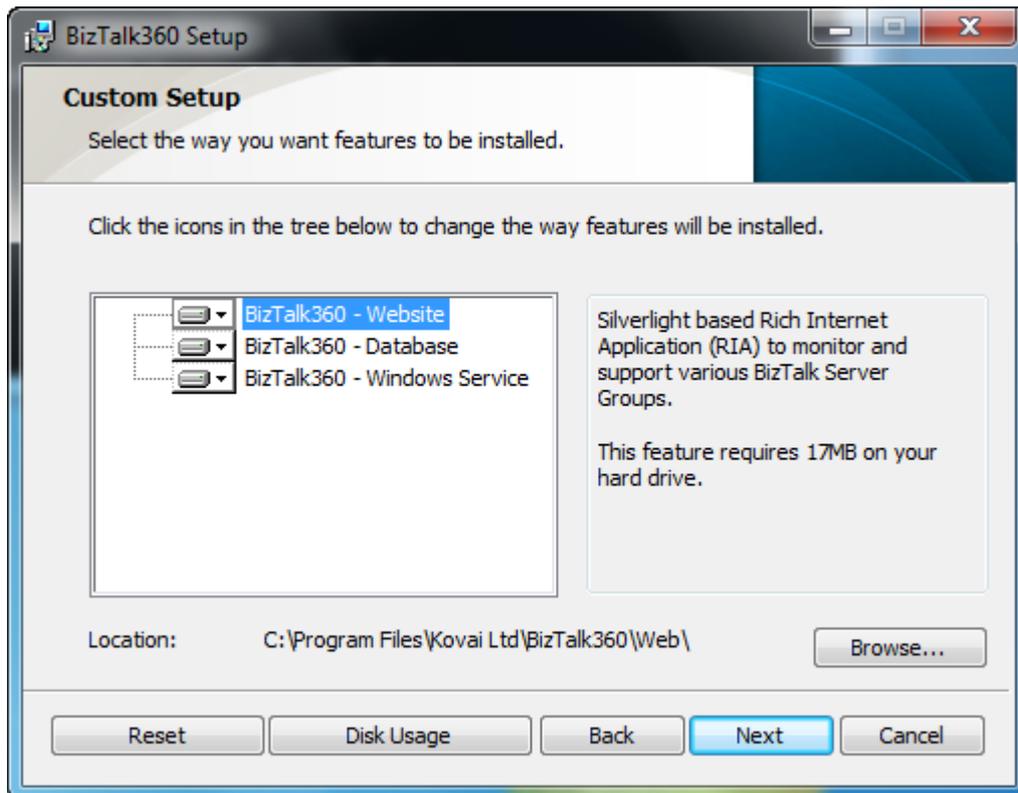
Tip: If you experience any issues during installation related to NT service configuration (ex: Access denied), you can continue the installation by selecting “Local System” and later configure the correct service account on the Services management console (services.msc).



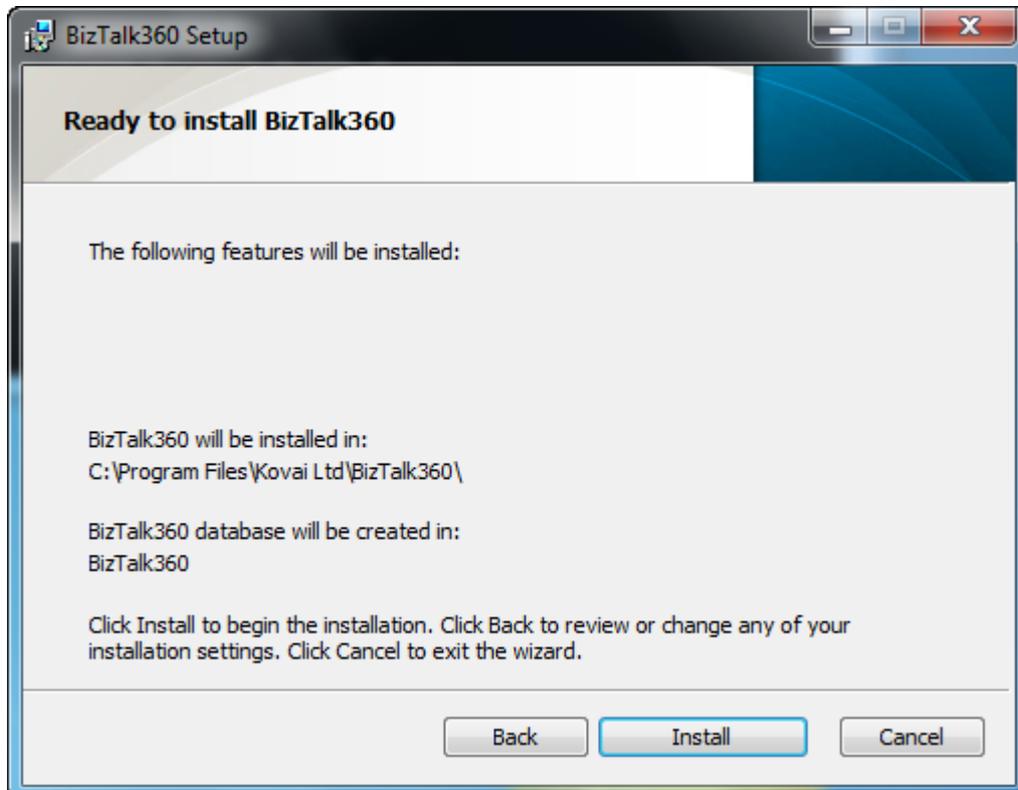
Click the “Next” button.

Step 8: Feature Summary and Install

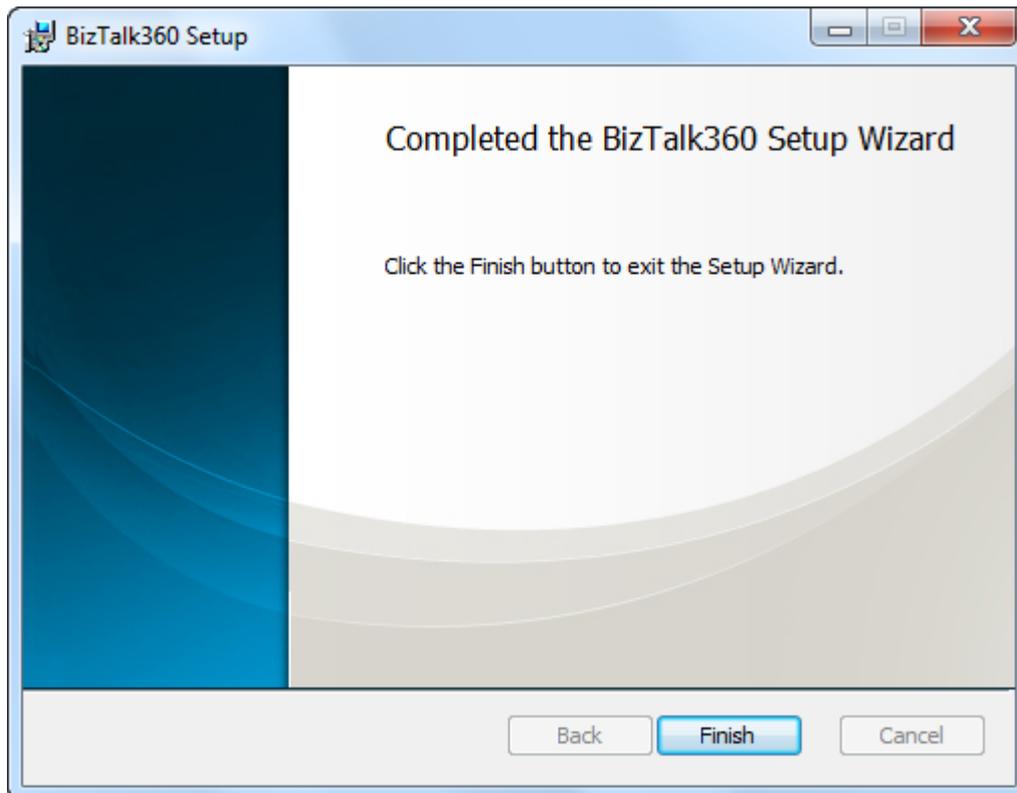
This screen shows the summary of features and location where BizTalk 360 will be installed, you can choose a different location if required. You can confirm the details and click “Next”.



The final page shows a quick summary, and at this stage we are ready to install BizTalk 360. Click the “Install” button.



The installer will take a minute or 2 to install all the features and it will display the installation status as shown in the below picture and will open the BizTalk 360 application in a browser.

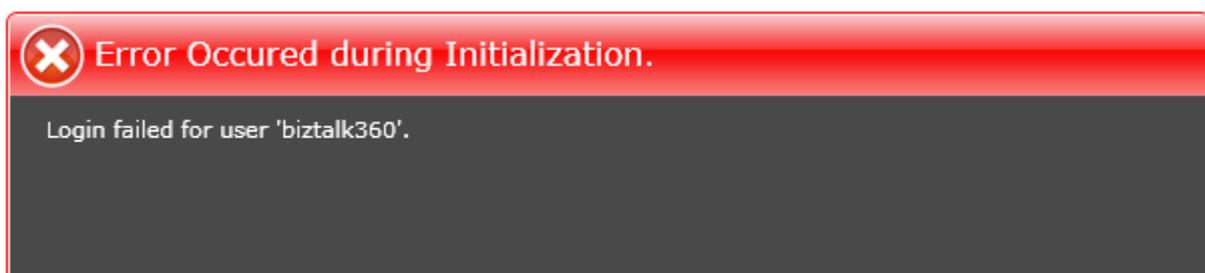


Click Finish Button to complete the installation of BizTalk 360.

If the final screen of the installer displays any errors, check the troubleshooting guide in the website, <http://www.biztalk360.com/Content/Troubleshoot.aspx> where some of the common configuration issues and the resolutions are described. If you can find the answer, you can also check on the forum <http://getsatisfaction.com/biztalk360> for some of the common issues.

SQL Server Mixed mode authentication

The installer by default creates a SQL server user and configures the config file with SQL server authentication to access the back-end database. If you have already configured the SQL server for mixed mode authentication, everything should work out of the box. If in case your SQL server is configured only for Windows authentication, you'll see the following screen when the application launches first time



You got 2 choices to fix this,

1. Change the SQL server authentication to mixed mode, (or)
2. Change the connection strings in the following locations to Integrated Security

- a. C:\Program Files\Kovai Ltd\BizTalk360\Service\Kovai.BizTalk360.InfoTrack.Service.exe.config
- b. C:\Program Files\Kovai Ltd\BizTalk360\Web\web.config

```
<connectionStrings>  
  <add name="BizTalk360ConnectionString"  
    providerName="System.Data.SqlClient" connectionString="Data  
    Source=(local);Initial Catalog=BizTalk360;Integrated Security=true;" />  
</connectionStrings>
```

Uninstall BizTalk 360

BizTalk 360 can be uninstalled like any other program by going to “Add Remove Programs” in control panel and selecting “Uninstall”.

There are couple of things you need to be aware of

1. The backend database used by BizTalk 360 will not be removed by the uninstaller. This is by design, the administrator can manually remove it by using SQL Server management studio.
2. BizTalk 360 creates log files for diagnosis purpose. It uses circular logging mechanism, which makes sure the log file size will never reaches more than 5MB (Can be configured to smaller or bigger value in the config file). Since these files are created by runtime and the original installer is not aware of this, during uninstall the installer won't remove those files and the folders that contains those files. An administrator needs to manually delete the folders.

How to update License Key

From time to time you may need to update the license key in the environment. Example: Moving from Trial to commercial Standard/Enterprise edition. You can easily do this by navigating to Settings\Licensing\Manage License.

Click on the “Edit” link corresponding the environment, which will bring the edit screen at the bottom. You can update the License Key with your own and click “Update”.

You need to refresh the whole browser (Ctrl+F5) for the changes to take effect.

Environments >> Manage Environments

[Back](#)

Name	BizTalk Management SQL Instance	BizTalk Management Database	Action
SKWIN7IMAC	SKWIN7IMAC\SQL1	BizTalkMgmtDb	Edit Delete

Name:

SKWIN7IMAC

BizTalk Management SQL Instance Name:

SKWIN7IMAC\SQL1

BizTalk Management Database Name:

BizTalkMgmtDb

License Key:

tgCAAI mxGWBLI8wBl11H3BQvzAE/
AGNvbXBhbnk6fGRvbWVpbnp8c3FsSW5zdGFuY2U6fGVkaXRpb246VHJpYWx8bWF4QXBwbGijYXRpb25zOjEwMAH/
cnS5bj6nLiVipfpz/Kl/U5y67XzYbJFCjWbNzQPXTH3O+HYaQ8ixO5N5xu/nDWfB

[Test Connection](#)

[Update](#)

[Close](#)