



**CUBIT**

the natural estimator

## Silent Installation Guide

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# Before you start

This Installation Guide is intended for the installation of a Cubit client only.

You will be required to download the install files. If you have not received the install files, they can be obtained from Buildsoft Support anytime by submitting a ticket via [buildsoft.com.au/support](http://buildsoft.com.au/support).

## System Requirements

	Minimum	Recommended
<b>Intel Processor (or AMD equivalent)</b>	Intel Dual Core 1.86 GHz	I7 2.6 GHz
<b>Memory</b>	4 GB Ram	8-16 GB Ram
<b>Dedicated Graphics Card</b>	256 MB Ram. Supporting Open GL 2.0 or higher	2 GB Ram. Supporting Open GL 2.0 or higher
<b>Hard Drive Space</b>	1 GB free space	4 GB free space

**Supported Operating Systems (32bit and 64bit):** Windows Server 2008 or greater for server installations or Windows 7 Service Pack 1 or greater for desktop installations.

The **Minimum** and **Recommended** specifications are guidelines, if dealing with large plans and models you may need to exceed the recommended specification to use them.

If you are concerned with performance, contact the **Buildsoft Support Team** through creating a ticket at [buildsoft.com.au/support](http://buildsoft.com.au/support) or via e-mail to [support@buildsoft.com.au](mailto:support@buildsoft.com.au)

### IMPORTANT:

[You cannot revert to a previous version of Cubit.](#)

[It is strongly recommended that you backup information in Cubit before proceeding with the installation process.](#)

# Understanding your Licence

The two main licence types for Cubit users are **Floating** and **Fixed**. The different licence types can affect how your **Cubit** can be used across various devices. There are two ways to activate a licence, **Online**, and **Offline**.

## Fixed Licence

A **Fixed Licence** is fixed to a single user of a computer. If you wish to use Cubit on a different machine, you will need to uninstall **Cubit**.

## Floating Licence

A **Floating Licence** is unrestricted by user or computer. However, only one licence can be used at any one time. You can deactivate and reactivate a **Floating Licence** from **Cubit**.

From **Cubit Options**, when you enable the **Release licence when exiting** option, the Cubit licence will automatically be released every time you exit **Cubit**. The software will automatically reactivate when you open **Cubit** again.

**Note:** You will not need to enter the activation details when you start Cubit again.

## Online Activation

**Online Activation** is the default and the recommended method for activation, it will automatically register and activate **Cubit** for immediate use.

**Note:** An active internet connection is required.

## Offline Activation

**Offline Activation** is to be used when you have no Internet connection. It will require an additional manual activation code which can be obtained by contacting the Buildsoft team. When using **Cubit** offline you will not be able to use **Release license when exiting** option.

**To upgrade from a Fixed Licence to a Floating Licence, contact the Buildsoft Sales Team.**

# Silent Installation

The cubit client installer now supports silent installation which will allow installation without needing user interaction. This allows you to easily install Cubit with one click. The program will be installed automatically in background mode (silently). This way of installation will be very convenient for organizations with a large number of computers to manage using automated tools such as Microsoft System Center Configuration Manager (SCCM).

## Standalone Silent Install

Following steps will guide you through silently installing Cubit in Standalone mode.

### Readying the installers and Setup File

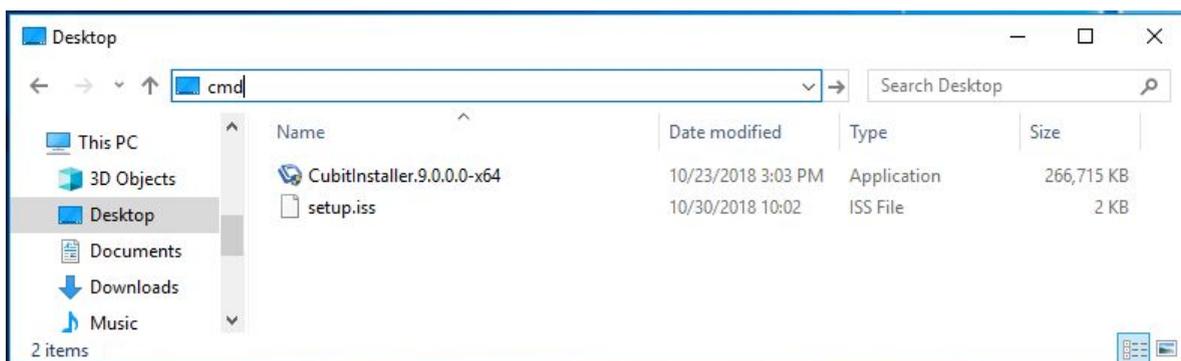
1. The Cubit installers need to be downloaded and saved in a folder on the device.
2. To install software silently, we need a **setup.iss** file, which contains sets of predefined values corresponding to each installation step within the installer.
3. Click [here](#) to download the template Cubit client standalone setup.iss file.  
**Note:** Make sure to save the Setup file to the same location where the Cubit installer is saved.
4. Rename the StandaloneSetup.iss file to Setup.iss.
5. Edit the downloaded setup.iss file if you prefer to change the values like install locations of Cubit (szDir=C:\Program Files\Buildsoft\Cubit\), PostgreSQL software (szPath=C:\Program Files\PostgreSQL\10) and the database location (szDir=C:\Program Files\PostgreSQL\10\data).

**Note:** We recommend to use the default install path.

## Silent Installation

Once the files are ready, perform the following steps to silently install:

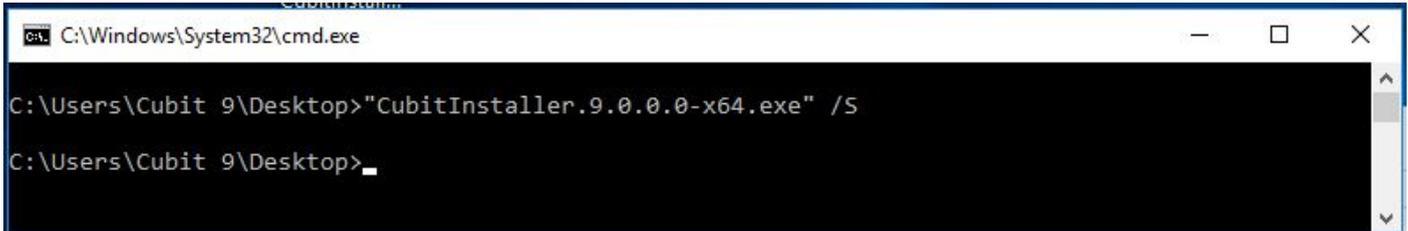
1. Open folder where you have saved the installers and the setup.iss files.
2. In the folder path, enter the text **CMD** and hit the Enter key to open a command prompt.



*Fig 1 - Start Command Prompt*

3. A command prompt window like below will open. Enter silent install command as below.

"<InstallerName.exe>" /S



```
C:\Windows\System32\cmd.exe
C:\Users\Cubit 9\Desktop>"CubitInstaller.9.0.0.0-x64.exe" /S
C:\Users\Cubit 9\Desktop>
```

*Fig 2 -Standalone Install run*

4. The progress of the Installers can be monitored using the Task Manager window.
5. A setup.log file is generally created in the same location where the installers and the setup.iss files are saved. Verify to make sure the setup.log has a response code of 0 for a successful installation. In case you have any other response code then please refer to the [Response Codes](#) section to know more details about the problem. You will need to correct the Setup.iss file as required and rerun the install command.

**Note:** Make sure to remove the setup.log file when attempting to rerun the installation.

6. On successful completion of the install, proceed to silent activation.

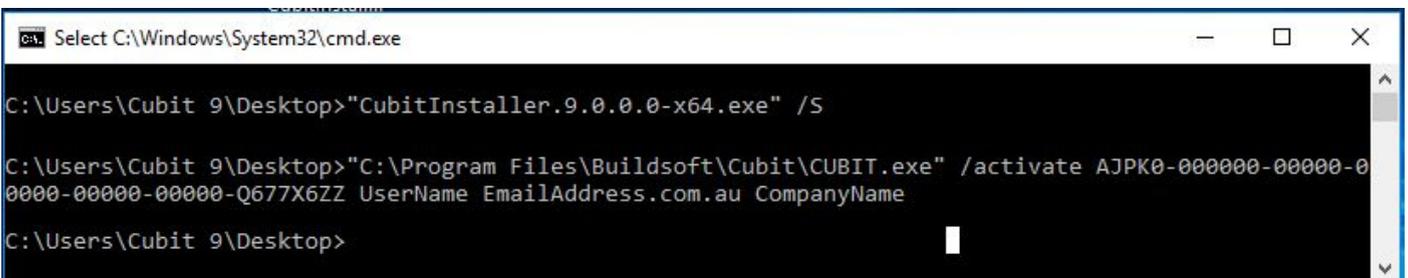
## Silent Activation

The following steps suggest how to activate Cubit in silent mode.

1. In the open command prompt enter, the silent activate command like below.

```
"C:\Program Files\Buildsoft\Cubit\CUBIT.exe" /activate <AJPk0-000000-00000-00000-00000-Q677X6ZZ>
<UserName> <EmailAddress.com.au> <CompanyName>
```

**Note:** Make sure to use a valid Cubit activation licence.



```
Select C:\Windows\System32\cmd.exe
C:\Users\Cubit 9\Desktop>"CubitInstaller.9.0.0.0-x64.exe" /S
C:\Users\Cubit 9\Desktop>"C:\Program Files\Buildsoft\Cubit\CUBIT.exe" /activate AJPk0-000000-00000-00000-00000-Q677X6ZZ
UserName EmailAddress.com.au CompanyName
C:\Users\Cubit 9\Desktop>
```

*Fig 3 -Standalone Activation*

2. When the user starts Cubit will take them straight to the Job Manager window.

# Shared Network Silent Install

The Silent installation can be used to install the Cubit client only. We need to first manually install the Cubit server, set up the user login and configure automated backups.

When Cubit Server is installed and configured follow the steps below to silently install Cubit Clients in Shared Network mode.

## Readying the installers and Setup File

1. The Cubit installers need to be downloaded and saved in a folder on the device.
2. To install software silently, we need a **setup.iss** file, which contains sets of predefined values corresponding to each installation step within the installer.
3. Click [here](#) to download the template Cubit client network setup.iss file.

**Note:** Make sure to save the Setup file to the same location where the Cubit installer is saved.

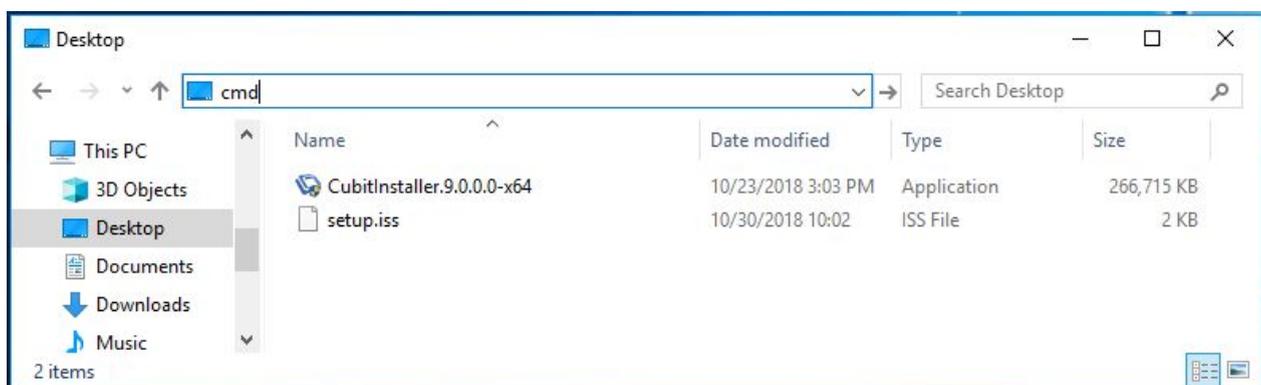
4. Rename the SharedNetworkSetup.iss file to Setup.iss.
5. Edit the downloaded setup.iss file if you prefer to change the values like install locations of Cubit (szDir=C:\Program Files\Buildsoft\Cubit\).

**Note:** We recommend to use the default install path.

## Silent Installation

Once the files are ready, perform the following steps to silently install Cubit on client devices in your organization:

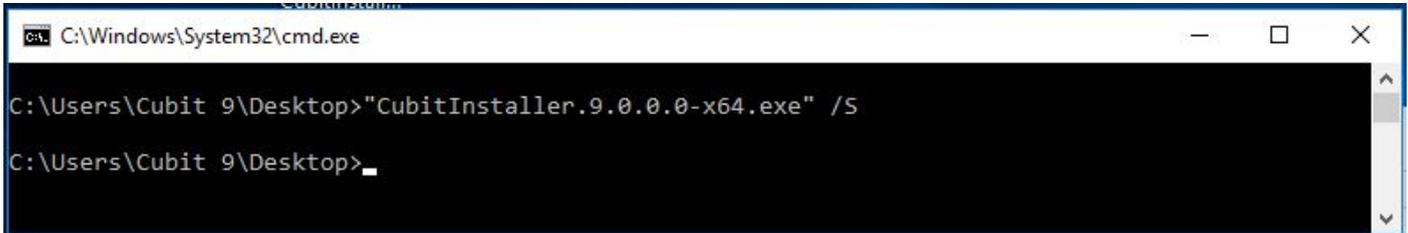
1. Open folder where you have saved the installers and the setup.iss files.
2. In the folder path, enter the text **CMD** and hit the Enter key to open a command prompt.



*Fig 4 - Start Command Prompt*

3. A command prompt window will open one like below. Enter silent install command like below.

"InstallerName.exe" /S



```
C:\Windows\System32\cmd.exe
C:\Users\Cubit 9\Desktop>"CubitInstaller.9.0.0.0-x64.exe" /S
C:\Users\Cubit 9\Desktop>_
```

*Fig 5 - Shared NetworkInstall run*

4. The progress of the Installers can be monitored using the Task Manager window.
5. A setup.log file is generally created in the same location where the installers and the setup.iss files are saved. Verify to make sure the setup.log has a response code of 0 for a successful installation. In case you have any other response code then please refer to the [Response Codes](#) section to know more about the problem. You will need to correct the setup.iss file as required and rerun the install command.

**Note:** Make sure to remove the setup.log file when attempting to rerun the installation.

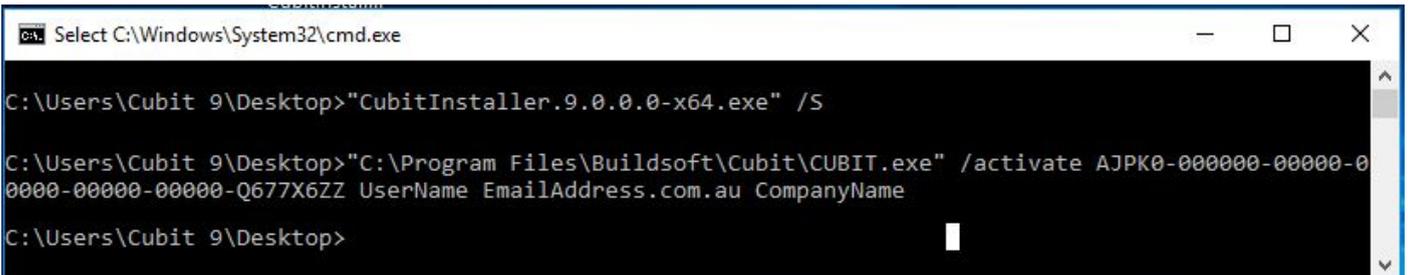
6. On successful completion of the install, proceed to silent activation.

## Silent Activation:

1. In the open command prompt enter, the silent activate command like below.

```
"C:\Program Files\Buildsoft\Cubit\CUBIT.exe" /activate <AJPK0-000000-00000-00000-00000-Q677X6ZZ>
<UserName> <EmailAddress.com.au> <CompanyName>
```

**Note:** Make sure to use a valid Cubit activation licence.



```
Select C:\Windows\System32\cmd.exe
C:\Users\Cubit 9\Desktop>"CubitInstaller.9.0.0.0-x64.exe" /S
C:\Users\Cubit 9\Desktop>"C:\Program Files\Buildsoft\Cubit\CUBIT.exe" /activate AJPK0-000000-00000-00000-00000-Q677X6ZZ
UserName EmailAddress.com.au CompanyName
C:\Users\Cubit 9\Desktop>
```

*Fig 6 - Cubit Client Activation*

2. When the user starts Cubit will take them straight to the User Login screen.

# Response Codes

Setup.log is the default name for the silent installation log file and its default location is the same folder where Setup.ins is located. You can specify a different name and location for Setup.log using the -f2 switch with Setup.exe.

The Setup.log file has 3 sections:

**[InstallShield Silent]** Identifies the version of InstallShield Silent used in the silent installation. It also identifies the file as a log file.

**[Application]** Identifies the installed application's name and version, and the company name.

**[ResponseResult]** Contains the result code indicating whether or not the silent installation succeeded. An integer value is assigned to the ResultCode key name in the [ResponseResult] section. InstallShield places one of the following return values after the ResultCode key name:

- 0 Success
- 1 General error
- 2 Invalid mode
- 3 Required data not found in the Setup.iss file
- 4 Not enough memory available
- 5 File does not exist
- 6 Cannot write to the response file
- 7 Unable to write to the log file
- 8 Invalid path to the InstallShield Silent response file
- 9 Not a valid list type (string or number)
- 10 Data type is invalid
- 11 Unknown error during setup
- 12 Dialogs are out of order
- 51 Cannot create the specified folder
- 52 Cannot access the specified file or folder
- 53 Invalid option selected

*If you encounter a problem during installation, contact the **Buildsoft Support Team** through creating a ticket at [buildsoft.com.au/support](https://buildsoft.com.au/support) or via e-mail to [support@buildsoft.com.au](mailto:support@buildsoft.com.au)*