



POWER OF SIMPLICITY

## **Getting Started with Tally.Developer 9**

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# Getting Started with Tally.Developer 9

## Introduction

Tally.Developer 9 is a comprehensive development environment designed specifically for the language TDL (Tally Definition Language). TDL is the development language of Tally.ERP 9 and is used to build additional functionalities into the product. TDL enables the programmers to develop and deploy solutions rapidly with ease.

Tally.Developer 9 makes programmer's life easier as various powerful features like syntax highlighting, column selection and auto completion are built into the development environment. Apart from this, the definition browser, schema browser, action browser, function browser and project browser are available as a part of the product providing instant reference to the TDL programmer.

Tally.Developer 9 is an editor, search engine and a compiler as well. It also provides the tools to decompile a TCP, migrate an encrypted TDL file etc. and the Tally Connector to send XML request to Tally to get the response in XML format.

The TDL code can be configured to run on one, more or all Tally serial number(s) while creating the TCP (Tally Complaint Product) file. This enables the TDL developer to control license usage and minimize revenue leakage.

## Features of Tally.Developer 9:

- ❑ New Look and Feel
- ❑ Project Management
- ❑ Enhanced Search Engine and Compiler
- ❑ Debugging and Diagnostics
- ❑ Smart Indenting
- ❑ Syntax checking and Highlighting
- ❑ Auto Complete gives the list of attributes or the values of the attribute
- ❑ Browser Style Navigation
- ❑ Easy Customer Serial Management
- ❑ Collapse and Expand options for definitions in the Editor
- ❑ Tools to Migrate an encrypted file and Tally Connector
- ❑ Definition and Schema Browser

## 1. Tally.Developer 9 Installation

Tally.Developer 9 installation is a simple procedure which will be explained in detail. On successful installation of Tally.Developer 9, a shortcut is placed on the desktop, a folder titled Tally.Developer 9 is created in the selected drive and all the files required to run Tally.Developer 9 are stored in this default folder. Alternatively, user can also specify another path, if required.

Let us understand the prerequisites for Tally.Developer 9 in terms of hardware and software. Ensure that the basic operational rights on the system i.e., read, write access etc. are available before starting the installation and activation process.

## 2. Pre-Installation

The Hardware Requirements and Operating System required for a Client Server and a standalone computer are as listed below:

### 2.1 Minimum Hardware Requirements for Tally.Developer 9

<b>Processor</b>	Intel Pentium IV or above and Equivalent
<b>Memory</b>	1 GB RAM *
<b>Free Hard Disk Space</b>	40 MB Minimum
<b>Monitor resolutions</b>	800 x 600 (Recommended 1024 x 768 or Higher)

### 2.2 Operating Systems Supported

<b>Operating Systems</b>	Microsoft Windows 98/ME/2000/2003/2008/XP/Vista
<b>Networking Operating Systems</b>	Windows NT/2000/2003/XP/Vista/windows server 2012
<b>64 bit OS / Windows 9x operating systems</b>	Windows Vista Ultimate / Windows Server 2003 - Enterprise x 64 Edition/Windows 7/ Windows 8

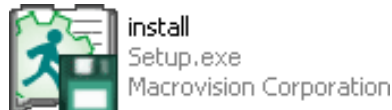


*The License server cannot be installed in **Windows 98** and **ME**.*

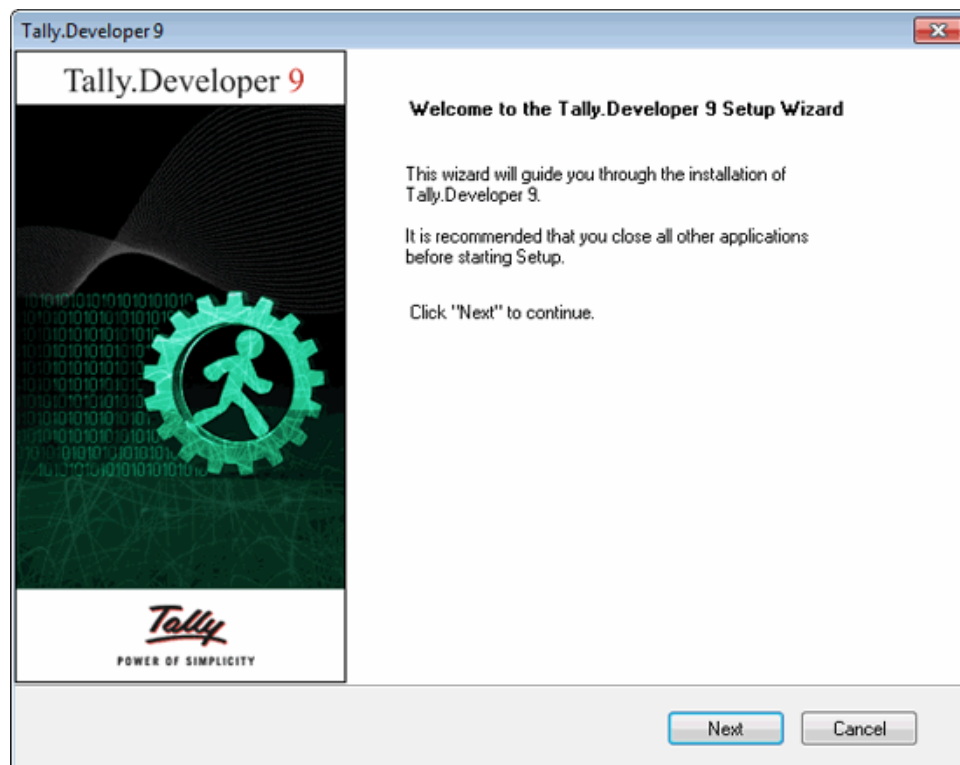
### 3. Installing Tally.Developer 9 Silver /Single User Environment

Please follow the steps given below in order to install the Tally.Developer 9 in a single user environment:

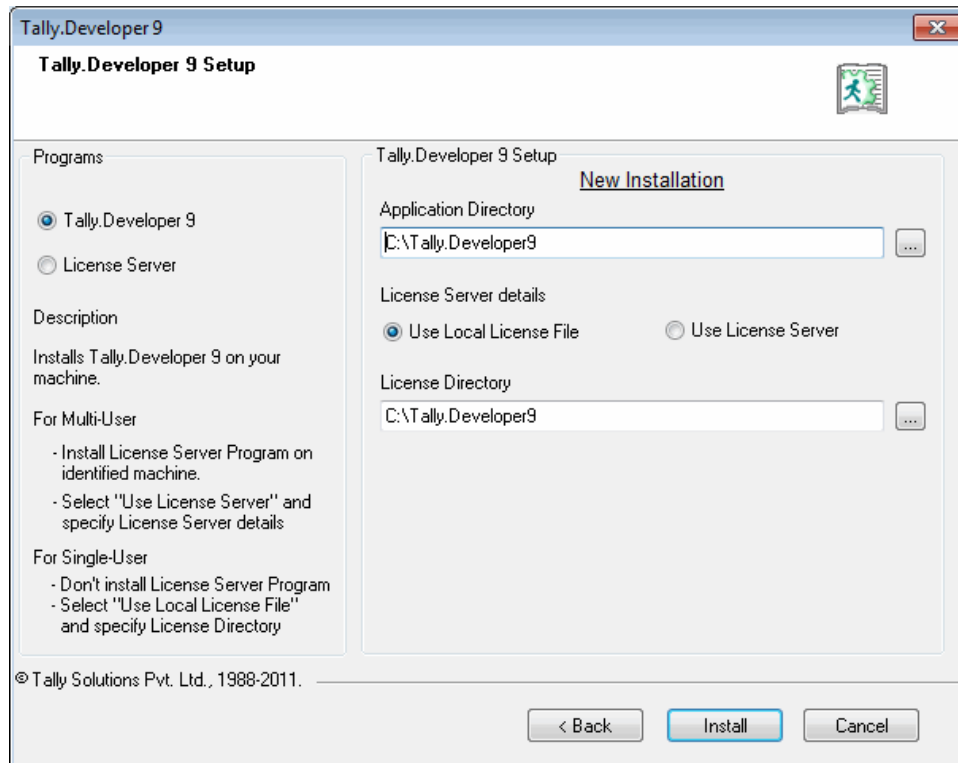
1. Double click on the install.exe icon and follow the instructions displayed on your screen to proceed with the installation of Tally.Developer 9.



2. The **Tally.Developer 9 Setup Wizard** screen is displayed as shown:



3. Click **Next** to proceed with the installation. The **Tally.Developer 9 Setup** screen is displayed as follows:



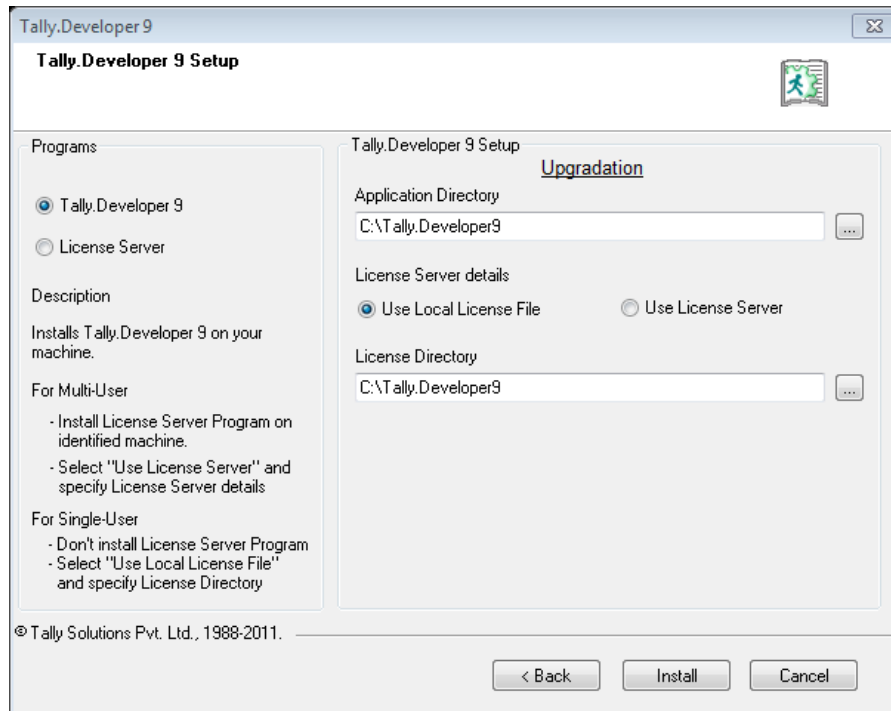
In the Tally.Developer 9 Setup screen:

- ❑ Select the option **Tally.Developer 9** from **Programs** section.
- ❑ In the **Application Directory**, you can either
  - Accept the directory that appears by default i.e., C:\Program Files\Tally.Developer 9
  - OR**
  - Click the browse button and choose an existing directory.
  - OR**
  - Type the Path as required
- ❑ In a single user environment, it is not required to install License server. Select the option "Use Local License File". By default the option "Use Local License File" is selected.
- ❑ In a single user environment, it is not required to install License server. Select the option "Use Local License File". By default the option "Use Local License File" is selected.

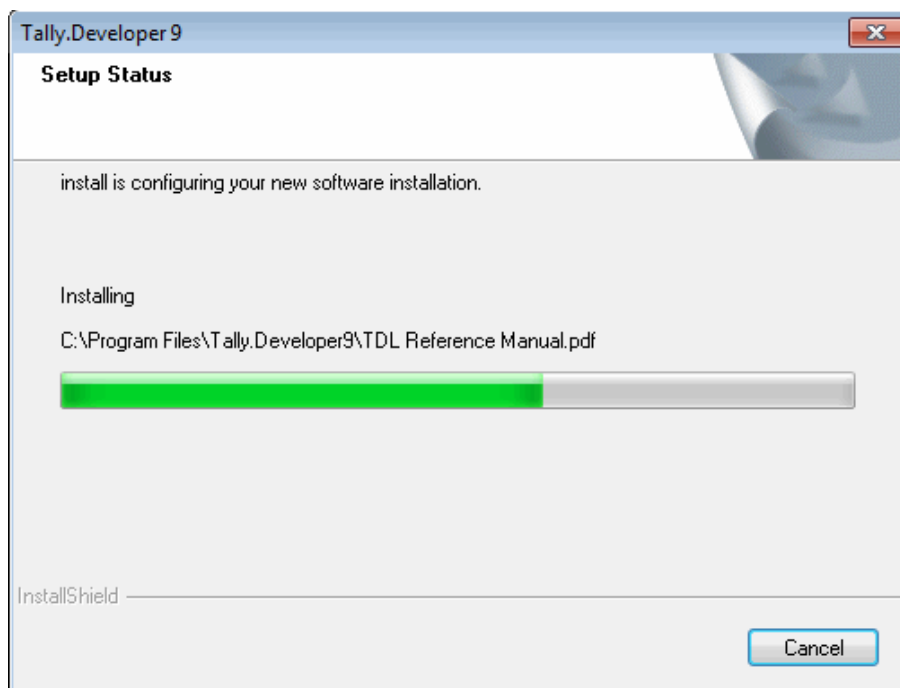


*If the specified path is not found, Installer creates a new folder as specified by you.*

- **New Installation** appears as title for new installation or installation in a new folder. If Tally.Developer 9 is already installed on the system, the title is displayed as **Upgradation**.

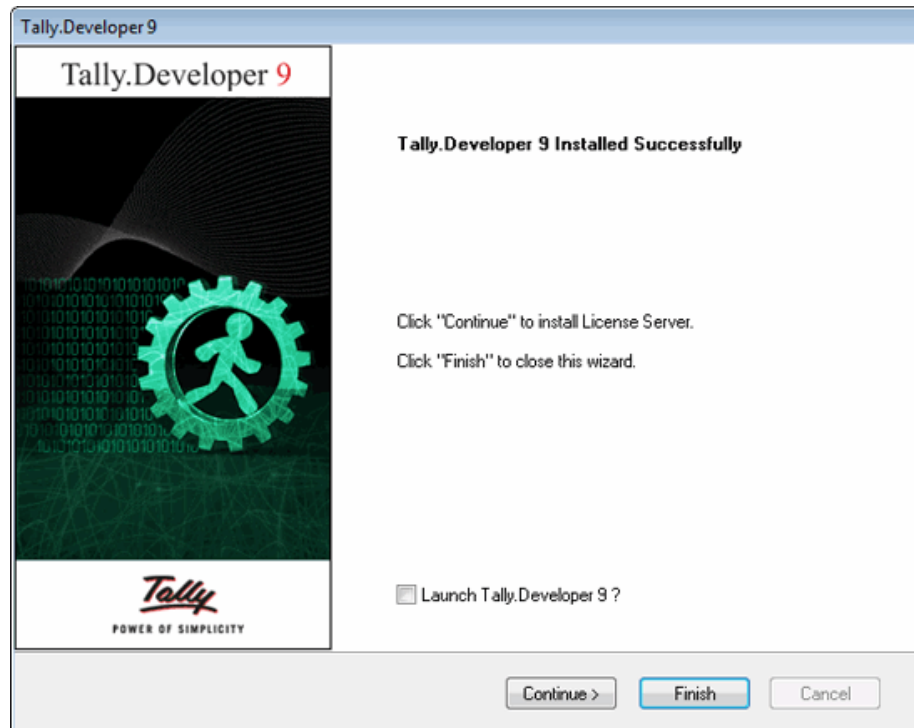


4. After specifying the required path, click **Install**. The **Setup Status** screen appears as shown:





5. In the installer screen, now two buttons are displayed, Continue and Finish. Select **Continue** to install the License Server and **Finish** to complete the setup.



6. Select the check box “**Launch Tally.Developer 9?**” and click on the **Finish** button to complete the set up and start Tally.Developer 9. Alternatively, if you want to finish the installation and start the application later, then just click on '**Finish**'.

On the completion of installation, an icon named Tally.Developer 9 is found on the Desktop. Double click on the same to start working with Tally.Developer 9.



*While installing Tally.Developer 9 on a stand alone system, ensure that you have not selected the option “**Use License Server**”.*

The License must be activated in order to work in full version mode.

## 4. Licensing Operations

The various licensing operations which can be performed after installation are listed below:

- Activating Licenses
  - Activating Licenses
  - Unlocking Licenses
- Updating the Licenses
- Reactivating the Licenses
- Surrendering the Licenses
- Configuring the Existing License

## Launch Tally.Developer 9

You can start the Tally.Developer 9 by using any one of the following methods:

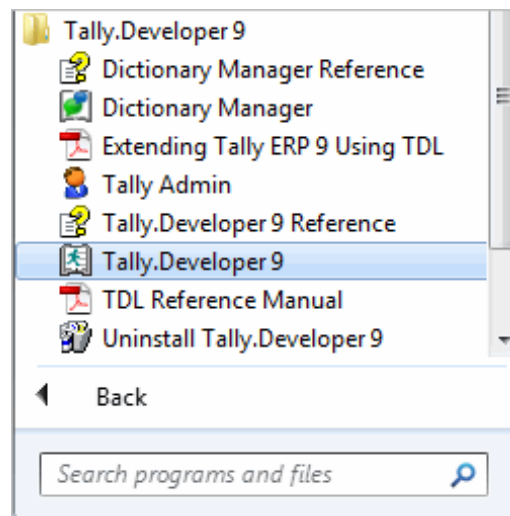
### Method 1:

1. Double click on Tally.Developer 9 icon from the Desktop



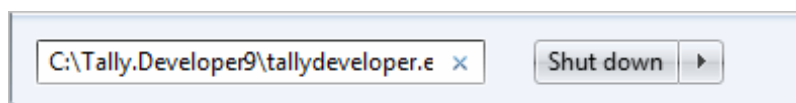
### Method 2:

1. Click **START** from Windows Toolbar.
2. Select **All Programs > Tally.Developer 9 > Tally.Developer 9** as shown in the following screen:



### Method 3:

1. Click **Start > Run** from Windows Toolbar



2. Type the path in which Tally.Developer 9 is installed, let's say, **C:\Tally.Developer9\tallydeveloper.exe** in the **Open** text box.
3. Press **Enter** or click on the button **OK**.

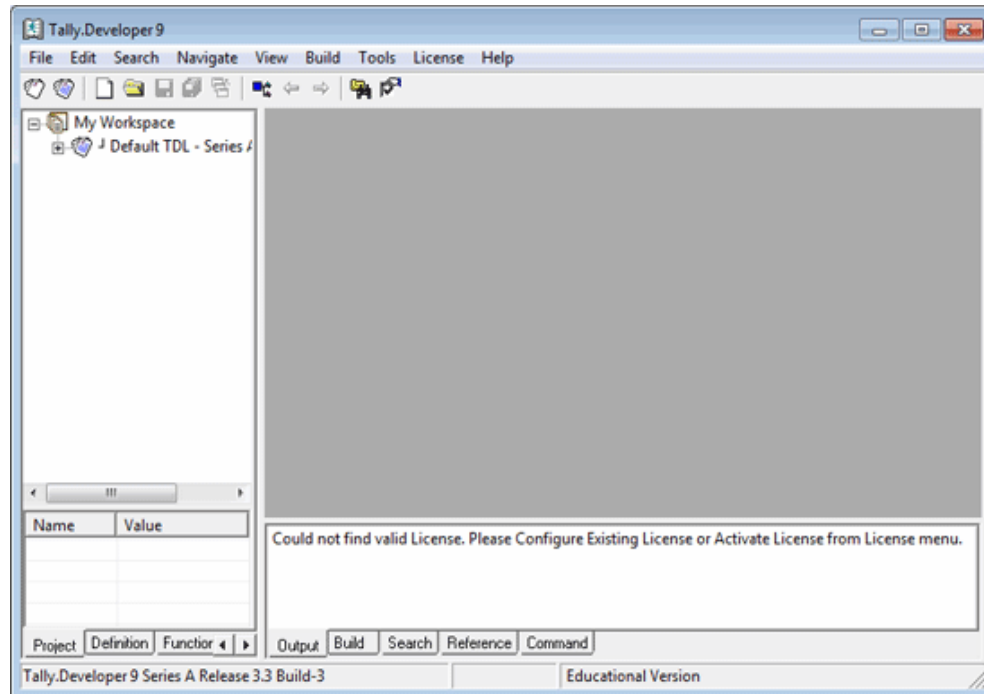
## 4.1 Activating Licenses

License activation on a stand alone machine can be done from the application interface itself..

**Activating License** is a two step process:

1. Activate the License
2. Unlock the License

When **Tally.Developer 9** is running for the first time, the following screen appears:



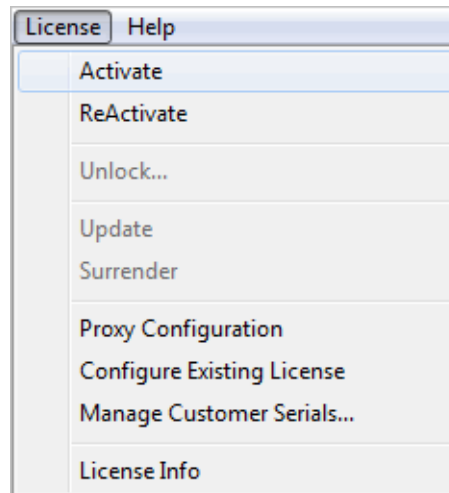
- In the output window the message “Could not find valid License. Please Configure Existing License or Activate License from License menu” is displayed.

### Activate the License

To activate the License for Tally.Developer 9, perform the following steps:

1. Open Tally.Developer 9 application from the folder in which you installed.

2. Go to **License > Activate** as shown in the image:



3. The **Activate License** dialog box is displayed as shown below:

Serial Number :

Activation Key :

E-Mail ID of Administrator :

Repeat (E-Mail ID of Administrator) :

Account Name :

(Easy identification of your Account. It could be organization name or individual name.)

Activating your license is a simple two-step process. Once your Serial Number and Activation Key are confirmed, you will receive an E-Mail giving you some important details:

1. Your Tally.NET Account ID (which you may later modify)
2. An Unlock License Key (which you will require to complete the Activation process)
3. Details on how to access your Tally.NET account and use it effectively for your organization.

Please remember that the Activation process can be completed only with 'Unlock License Key' which is sent in the E-Mail to the Administrator. It is important, therefore, that a valid E-Mail is given.

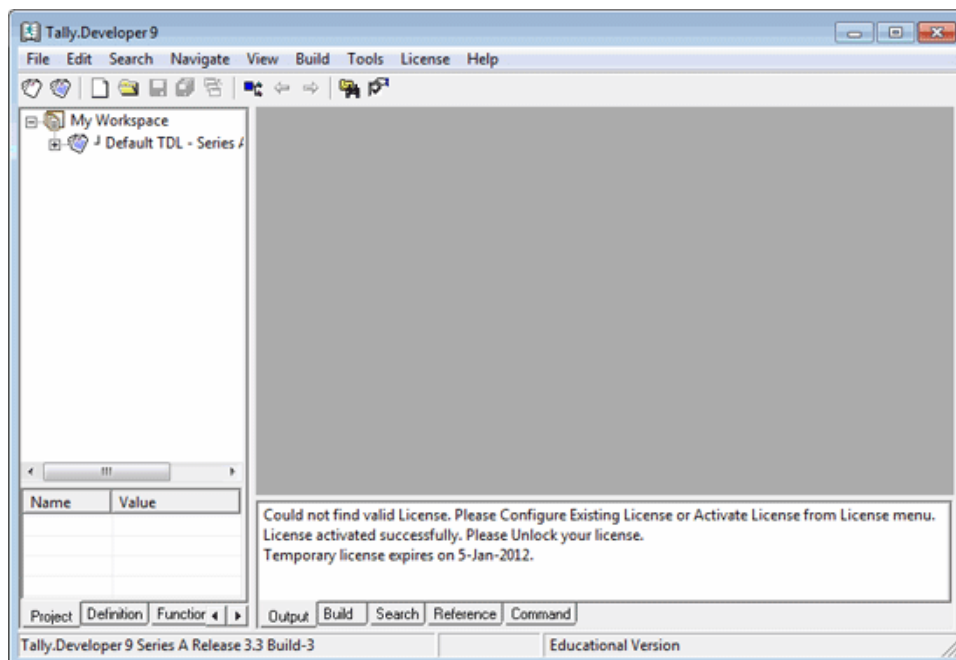
In case you have multiple copies of Tally.Developer 9 (because of multiple locations of your offices), you may already have a Tally.NET Account. In such case, use Multi Site button to activate additional site for your organization.

- ❑ Enter the **Serial No, Activation Key** in the following dialog box. (You will receive your Serial Number and Activation Key through your Email ID which you had specified in the Registration form.)
- ❑ Enter your email address in the **Email ID of Administrator** field. An account is created using that email address if the **Account Name** is not specified. Optionally Account Name can be specified in the **Account Name** field. The serial number is linked to the account.
- ❑ Enter the same Email address in **Repeat (Email ID of Administrator)** field.

- After giving the field values click the button **Submit** to activate the license.
  - **Serial Number and Activation Key** are available in the mail which is sent to the **Administrator's Email ID**.
  - By using **Account ID** and **Password** user can access their account information. It can be created by using your Email ID.
  - The **Unlock Key, Account Information and Account Password** will be e-mailed separately to the email-id provided.



4. After successful activation, the following screen is displayed:



The Tally.Developer 9 is now running in Educational Mode as displayed on the status bar. In the **Project** window, the **Default TDL** project is displayed under **My Workspace**.



*In Educational version, the options like Compile, Execute Tally etc. will not be enabled and hence the user will not be able to perform these functions.*

Use **Unlock License Key** to activate the Tally.Developer 9 license. The **Unlock License Key** and the **Password** are e-mailed separately to the Email ID provided in the activation form.

The Email format is as follows:

```
From: Tally.NET [mailto:tallynet@tallysolutions.com]
To: abc@abc.com
Subject: Activation of Tally Developer 9 Serial Number 795124728

Dear Administrator,

Congratulations! The first step of the 2-step Activation Process is
successful.

Unlock Key and Tally.NET user credentials:
-----

Your 'Unlock License Key' is: 4NC478UKN

(The key is case sensitive. An easy way to use the key would be to 'copy' it
and use Ctrl+V to 'paste' it into Tally.Developer 9. If you are unfamiliar
with this process, you may simply type it in).

Your Tally.NET ID: 'abc@abc.com'
Your password is: CCAYYLBKV

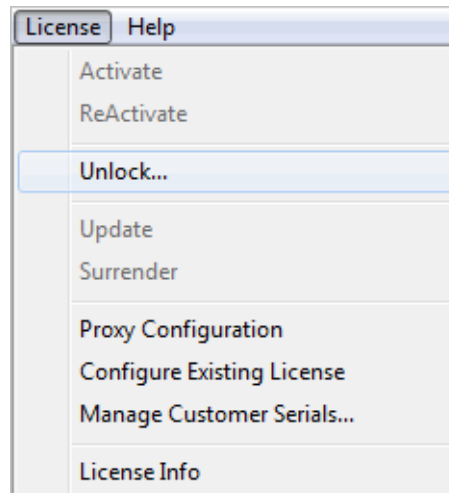
When you login for the first time with your new password you will be
prompted to change the password, and you should change it to a password you
use more frequently in other applications (for example, your E-Mail
account).
```

## Unlocking the License

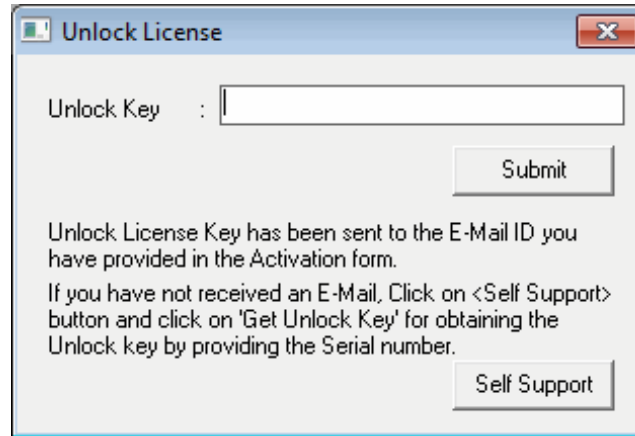
This is the second step of License activation. After this, **Tally.Developer 9** will be in license mode.

Steps to **Unlock** the License:

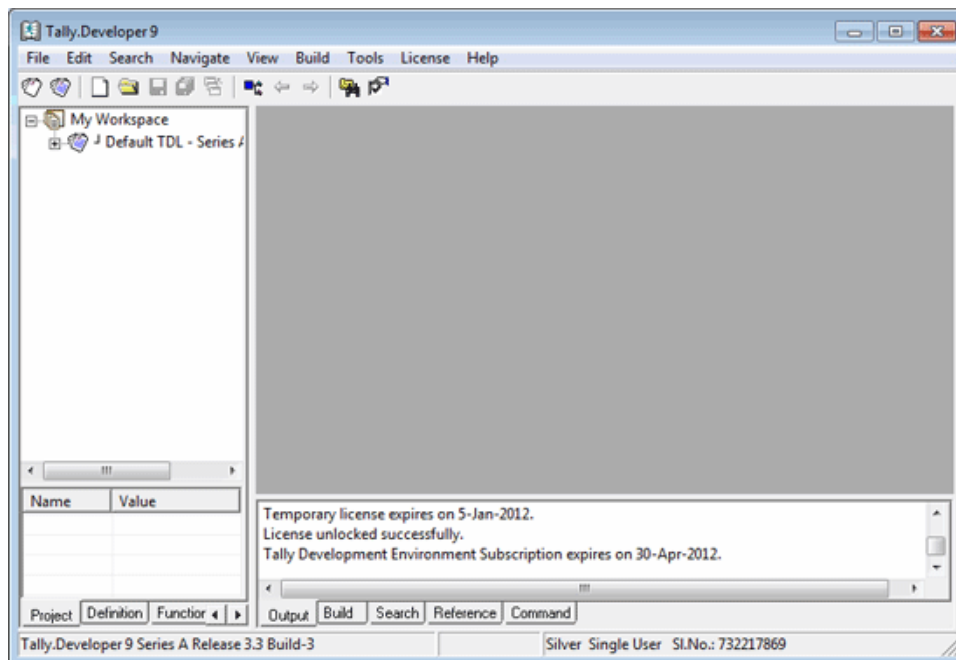
1. Go to **License > Unlock** from the menu bar in Tally.Developer 9 as shown:



- The **Unlock License** dialog box is displayed. Enter the **Unlock License Key** received in the email in the text box.



- On the status bar the **License** and **Version** information is displayed as shown:



Further if you do not receive the unlock key within the stipulated period of 7 days you can get the Unlock key by clicking on the **Self Support** button. If you don't Unlock the license then you can activate/ reactivate the license thrice additionally.

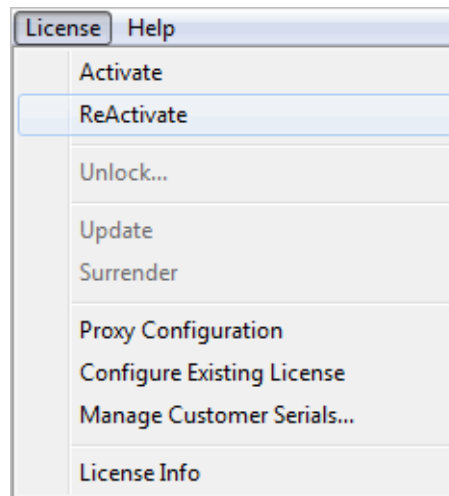
After the fourth activation, if the user doesn't unlock, the serial is compromised/ suspended

## 4.2 Reactivate the License

On surrendering Tally.Developer 9 Single user or Multi user license, the application looks for a valid license file in the default folder when it is started. In case the license file is not available, the user has to reactivate Tally.Developer 9 license. The option **Reactivate** is used for subsequent activation of Tally.Developer 9.

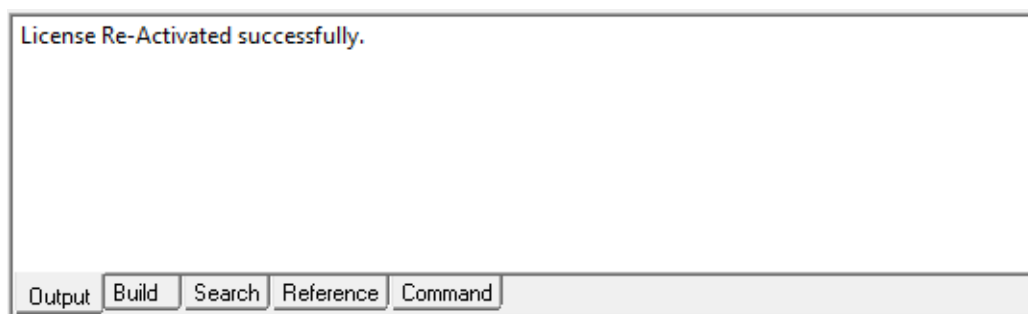
The process to reactivate Tally.Developer 9 is as follows:

1. Go to **License > ReActivate** from the menu bar in Tally.Developer 9 as shown:



2. To reactivate the license the user has to give **Email ID of Site Administrator** and **Password**.

After entering authentication details, Tally Developer runs in full license mode. On the status bar the license details are shown:

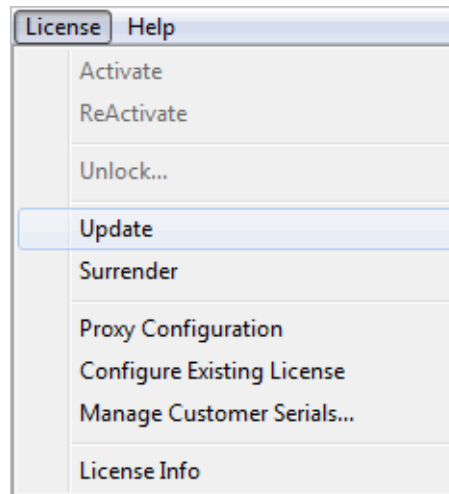




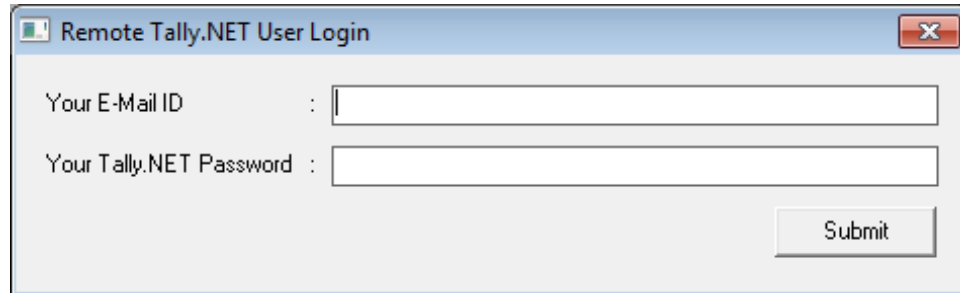
### 4.3 Update the License

To update the license of **Tally.Developer 9** the user has to do the following:

1. Go to **License > Update**



2. Give **Site Administrators Email ID** in the field **Your Email ID** and **Tally.NET Password** in the dialog box as shown:



3. It will update the license and give the informations in output window as shown:



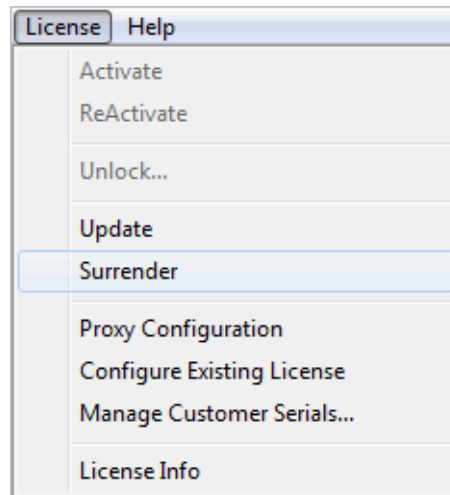
## 4.4 Surrender the License

The user may need to surrender the Tally.Developer 9 license in the following situations:

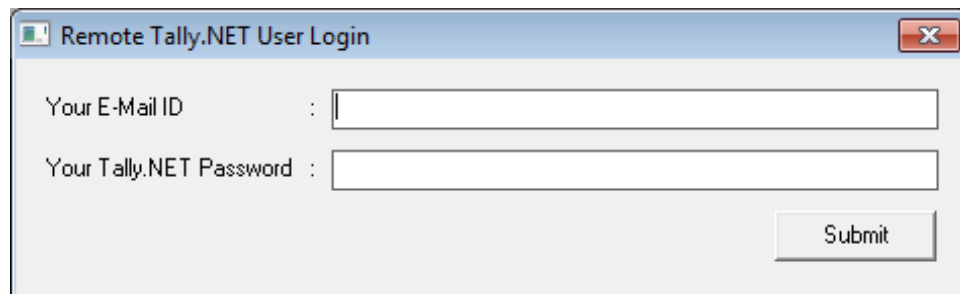
- Hard disk has to be formatted
- Reinstalling the Operating System
- Reactivating the license on another computer or site

To surrender, the user has to execute the following steps:

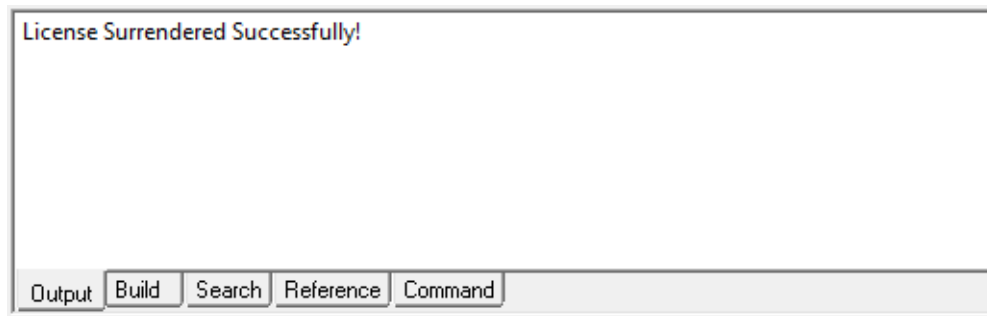
1. Go to **License > Surrender**



2. Enter the **Site Administrators Email ID** in **Your Email ID** field and **Tally.NET Password**



3. **Tally.Developer 9** displays the following message in output window:



In Educational version, the user will not have options like Compile, Execute Tally etc.



*The screens Activate License, Re-Activate License and Configure Existing License are now persisting with the recently entered data.*

## 5. Installing TD 9 Gold/Multi User Environment

Multi user system defines a computer which is capable of allowing multiple users to connect to a network. It can be an operating system or an application software that allows concurrent access by multiple users of a computer. Tally.Developer 9 is a true multi user environment. This means that the system can support different users with different privileges. In multi user environment, Tally.Developer 9 application can be installed in different machines by using a single license provided all the machines are connected to a network.

In a multi user environment Tally.Developer 9 can be installed on clients. Clients can be the same system in which the license server is installed or any other machine.

Following are the different steps to install Tally.Developer 9 in a Multi user environment :

1. Installing License Server
2. Installing Tally.Developer 9 on a client system

### 5.1 Installing License Server

#### Installing License Server – New Installation

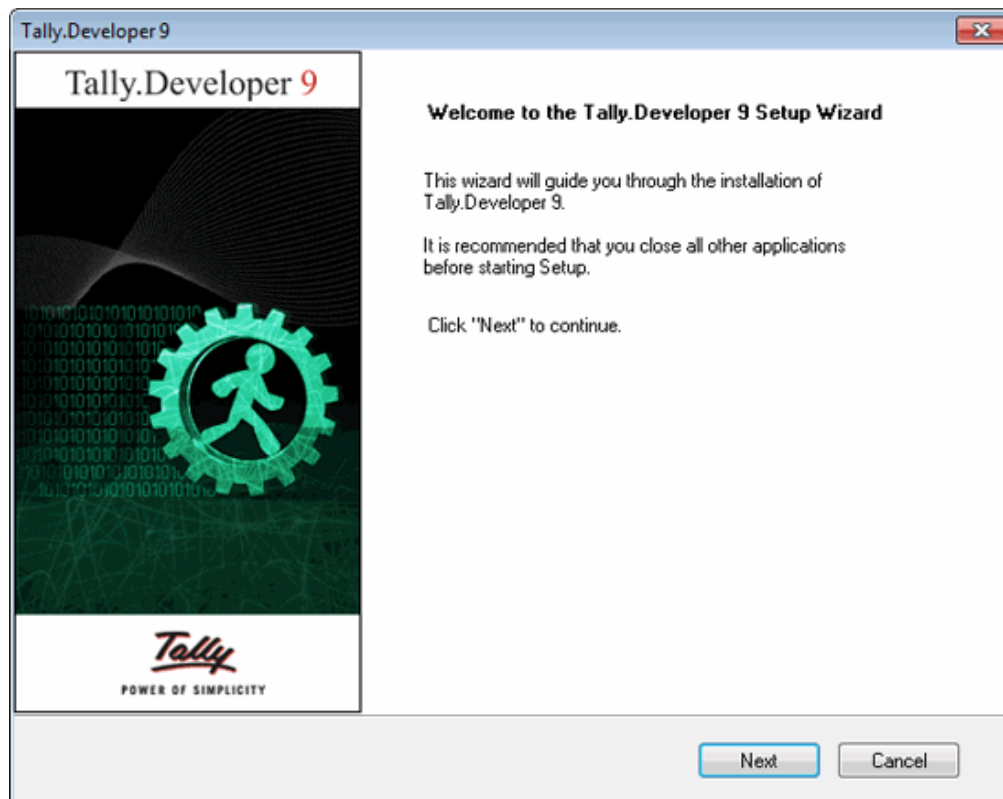
You can install Tally.Developer 9 License Server using the following method:

To install the **Tally.Developer 9 License Server** only, select the option **License Server** in the Programs section of the **Tally.Developer 9 Setup** screen.

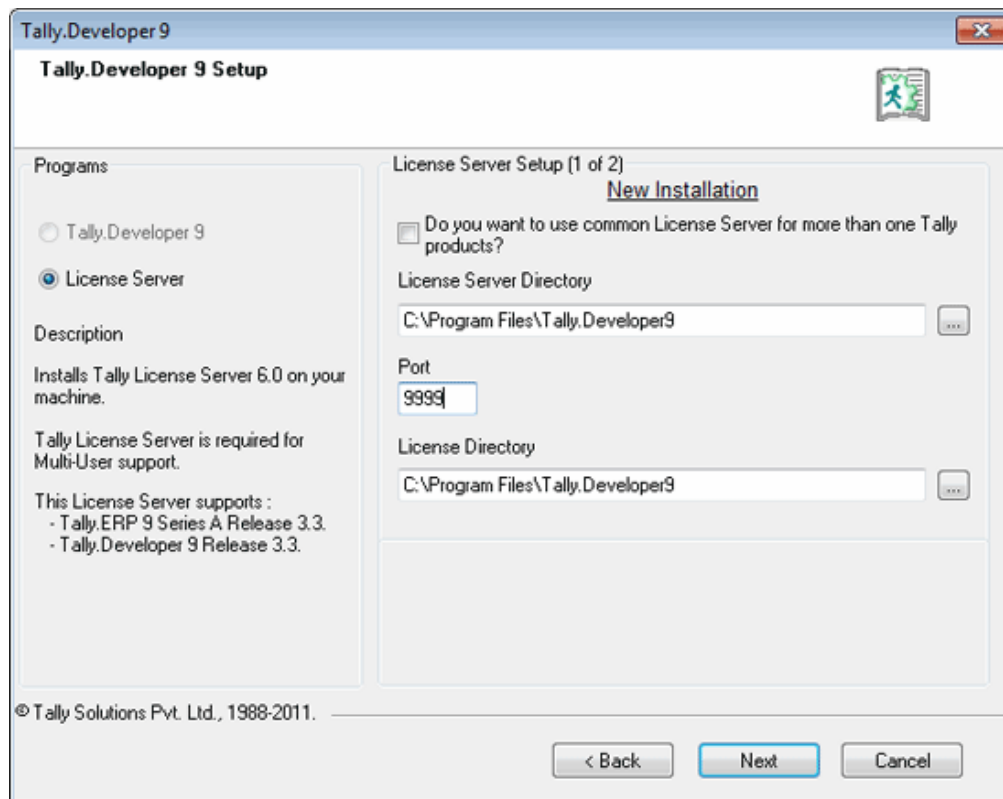
1. Double click the **install.exe** icon and follow the instructions displayed on your screen to proceed with the installation of Tally.Developer 9.



2. The **Tally.Developer 9 Setup Wizard** screen is displayed as shown:



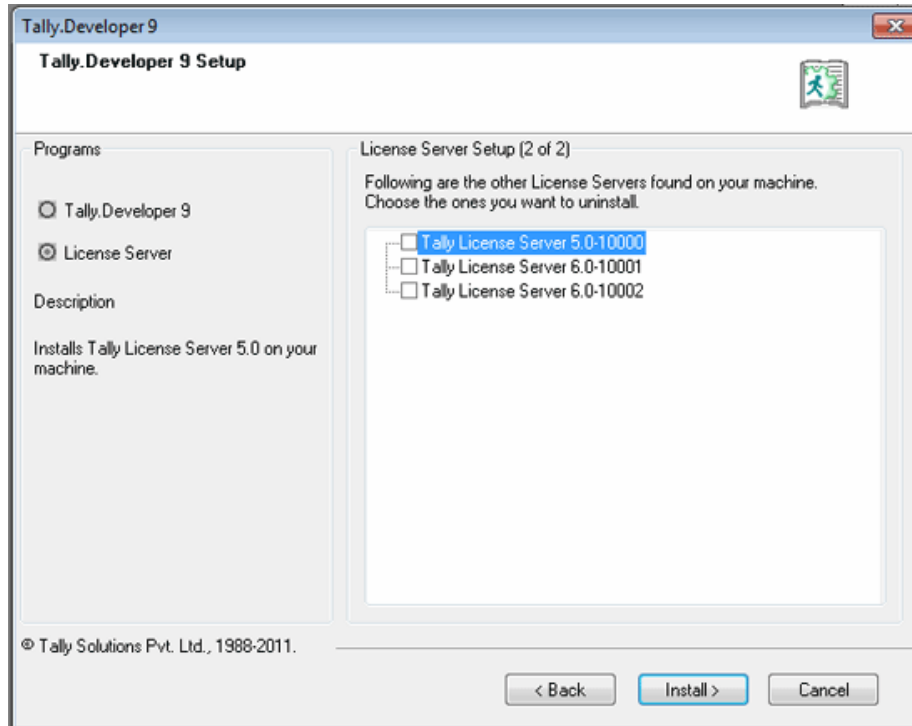
3. Click on the **Next** button. The **Tally.Developer 9 Setup** screen is displayed as shown:



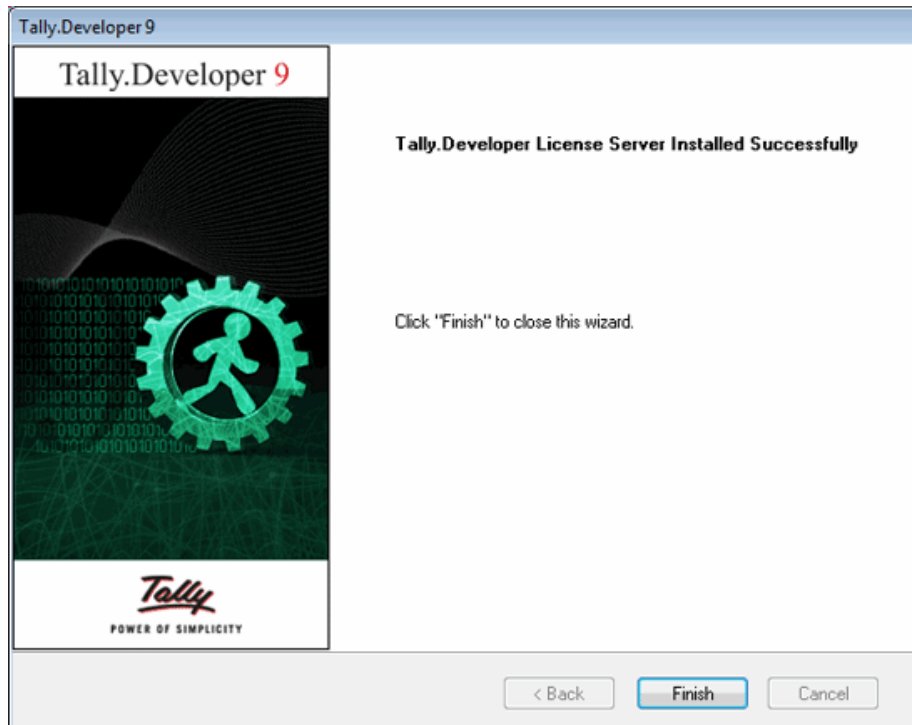
In the Tally.Developer 9 Setup screen:

- ❑ Select the option **License Server** from Programs section.
- ❑ If the user wants to use the same license server for Tally.ERP 9, Shoper 9 and Tally.Developer 9 then select the option “**Do you want to use common License Server for more than one Tally products?**” from License Server Setup section.

4. The following setup screen shows the **Tally License Servers** already installed in the machine. By selecting the particular License Server the user can uninstall the same.



5. On successful installation of latest **License Server**, the installer screen is as shown:



6. The installer screen now displays two buttons, **Continue** and **Finish**. Select **Continue** to install **Tally.Developer 9** application and **Finish** to complete the setup.

After the License Server installation one configuration file called TallyLic.ini is created and it includes the port number which you had provided during the installation time.



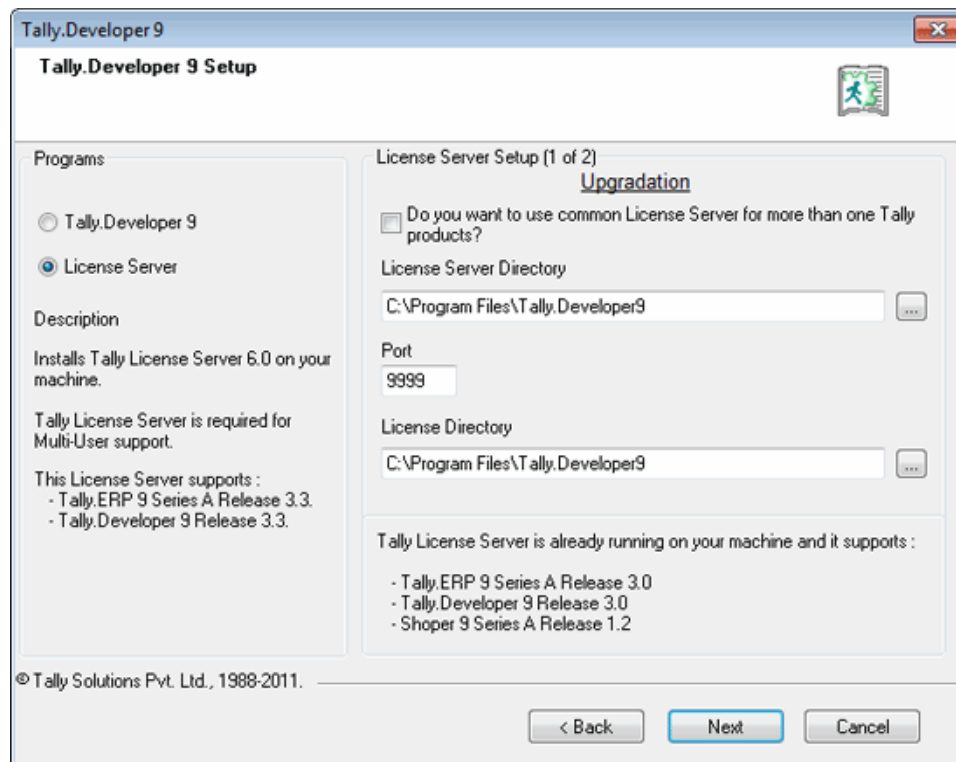
*The **Port number** provided during installation is captured and displayed as a parameter to LicenseServer in the TallyLic.ini file.*

## Installing License Server – Upgrade

The installation process differs a little if the license server is installed in the same folder as that of previous build.

Tally.Developer 9 License Server installation process is same as explained in the section "Installing License server – New Installation"

The only change is that, after clicking on the **Next** button the following screen is displayed:



Click on **Next** button to display the list of license servers which already exist in the machine.

## 5.2 Activating Tally.Developer 9 License on Server System

Tally.Developer 9 License can also be activated using the following method. After the installation of License server, the folder where you have installed License Server includes a Tally Admin Tool also. By using this **Tally Admin Tool** you can activate the License.

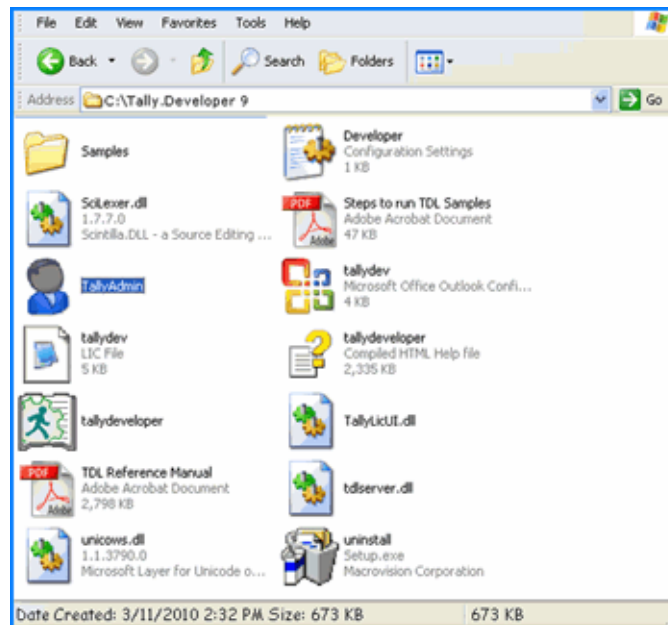
Tally Admin Tool is an administrative tool. Major functionalities of this tool are:

1. To install License Server
2. To view the available license server(s) in the local network
3. To perform licensing operations like
  - Activate
  - Reactivate
  - Update and
  - Surrender

### Activate the Tally.Developer 9 License using Tally Admin Tool

To activate Tally.Developer 9 License Server go to the folder where the License server is installed.

1. Double click on **TallyAdmin** icon from the folder where it is installed





2. From the Tally Admin screen select **Tally.Developer 9** from the Product list as shown

TallyAdmin 4.1

File View Actions Configuration Help

License Server | Local License | License Service | File Format Conversion |

Product : Tally Developer 9

1. Tally Developer 9 Release 3.3 is compatible with Tally License Server 6.0.
2. License Server list shows only compatible License server for Tally Developer 9 Release 3.3

Note:- In order to work with previous versions of License Server, use appropriate compatible version of TallyAdmin.

License Server (LS) list

☒ Show All License Servers in LAN

Server List						
	System Name	IP Address	Port	Service Name	Version	License Status
32	TALLYDT639	192.168.192.168	10050	Tally License Server 6.0	6.0	No License
33						
34						
35						
36						
37						

Activate De-Activate Refresh LS list Connection List Proxy Configuration

3. Click on the **Activate** button from the tool bar. The following screen is displayed :

Activate License

Serial Number

:

Activation Key

:

E-Mail ID of Administrator

:

Repeat (E-Mail ID of Administrator)

:

Account Name

:

(Easy identification of your Account. It could be organization name or individual name.)

Submit

Multi Site

Activating your license is a simple two-step process. Once your Serial Number and Activation Key are confirmed, you will receive an E-Mail giving you some important details:

1. Your Tally.NET Account ID (which you may later modify)

2. An Unlock License Key (which you will require to complete the Activation process)

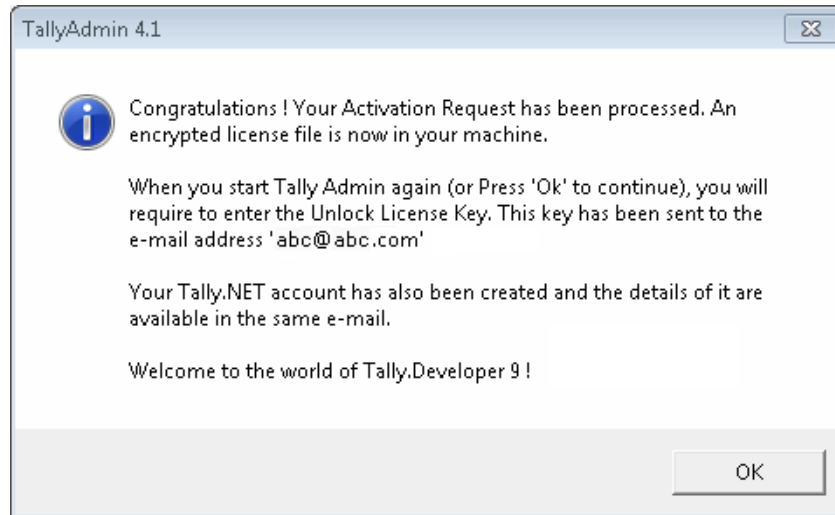
3. Details on how to access your Tally.NET account and use it effectively for your organization.

Please remember that the Activation process can be completed only with 'Unlock License Key' which is sent in the E-Mail to the Administrator. It is important, therefore, that a valid E-Mail is given.

In case you have multiple copies of Tally.Developer 9 (because of multiple locations of your offices), you may already have a Tally.NET Account. In such case, use Multi Site button to activate additional site for your organization.

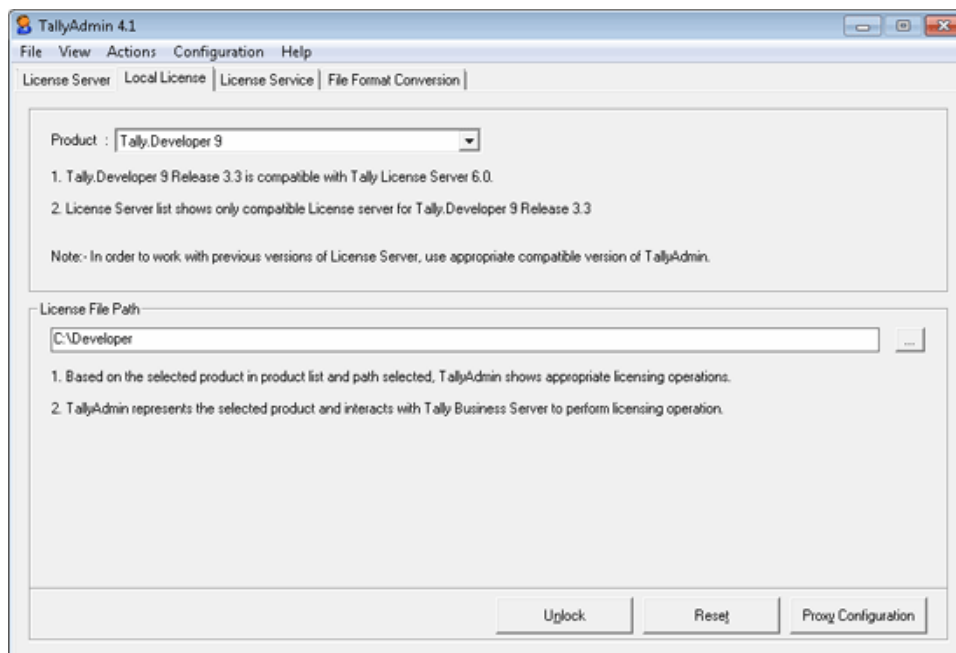
Give all the details like **Serial Number, Activation Key, E-mail ID of Administrator** etc. and click on the **Submit** button.

4. On activation, the user gets Tally Admin window with congratulations message as shown:



*The **Unlock Key** and **Account Password** will be emailed separately to the **Administrator's Email-id**.*

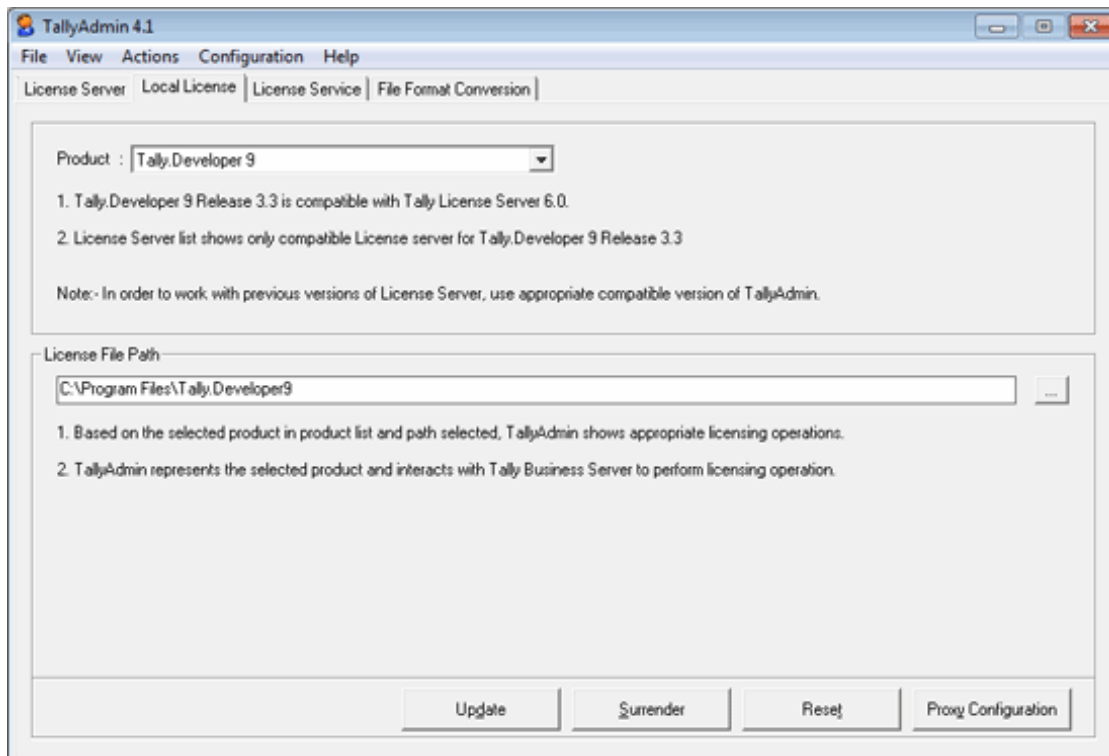
5. After the License activation the **Activate** button in Tally Admin window is changed to **Unlock**.



6. Now you can unlock the License through **Tally Admin** by clicking on **Unlock** button
7. Give unlock key and click **OK**. You will receive the following message box:



8. After the activation of License the Tally Admin screen is as shown:



As shown in the figure, the **Update** and **Surrender** operations are also possible using Tally Admin.

Now the License is activated successfully and you can install Tally.Developer 9 on client system and access the license from license server.

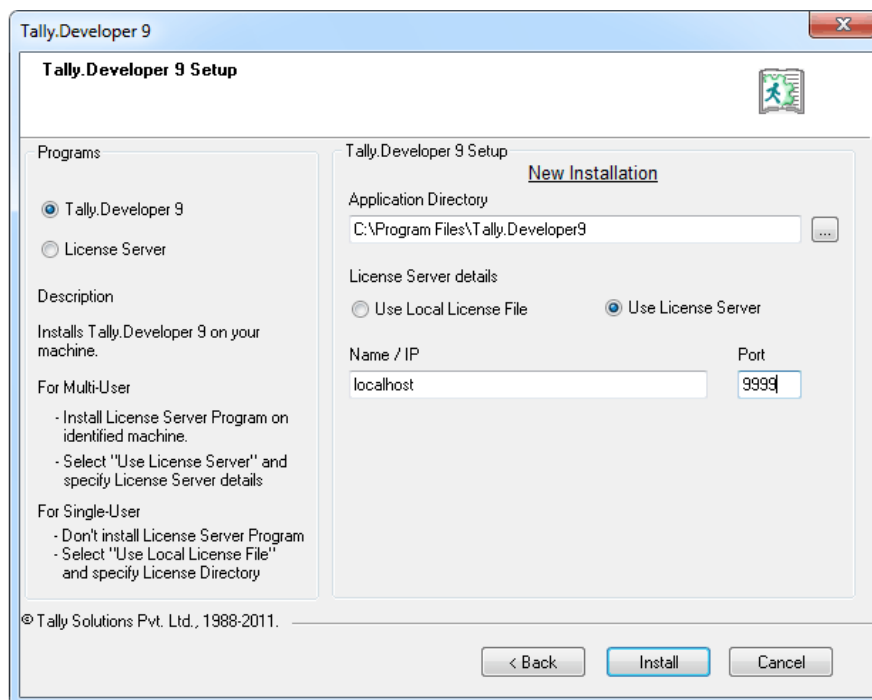
For further process please refer to the section 'Activating License'. Once the license is activated successfully, Tally.Developer 9 is ready to use.

## 5.3 Installing Tally.Developer 9 on a Client System

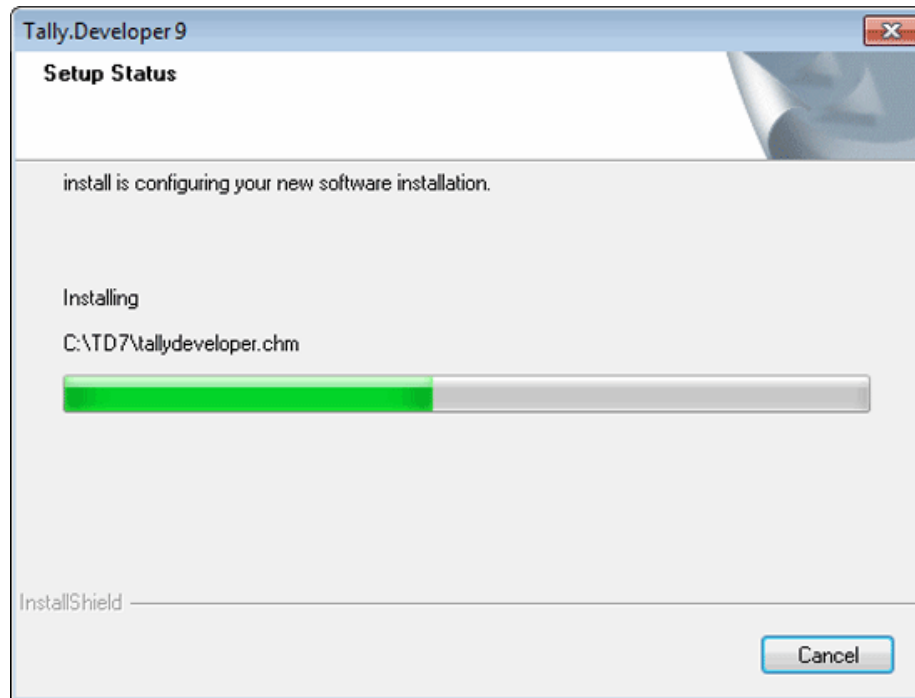
In a multi user environment Tally.Developer 9 can be installed on clients. Clients can be same system which the license server is installed or any other machine.

### Installing Tally.Developer 9 Client on the Same System

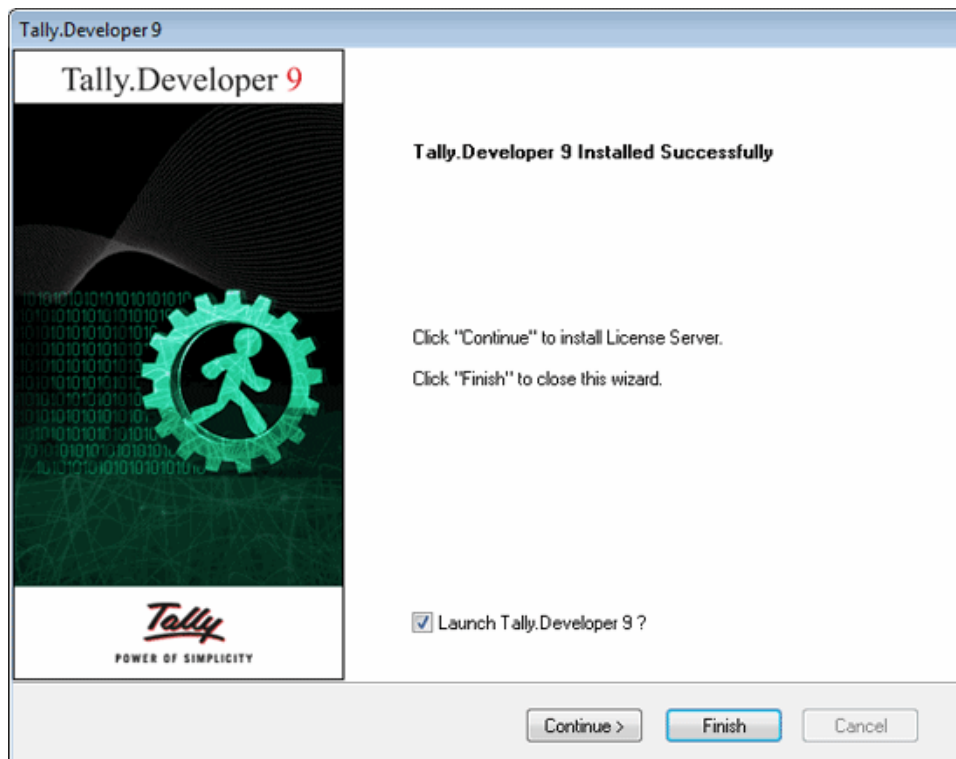
1. Double click on the **install.exe** icon and follow the instructions displayed on your screen to proceed with the installation of **Tally.Developer 9**.
2. Click **Next** to proceed with the installation.
  - Give the path you need to install Tally.Developer 9 under **Application Directory**.
  - Give the License server details
    - Select **Use License Server**
    - Give the **Name/ IP** and **port** where the License server is installed. Here the license server is installed in the same machine so the name of the machine is **localhost** only.
  - Select the Tally.Developer 9 option from **Programs** section.



3. After specifying the information, click **Install**. The **Setup Status** screen appears as shown:



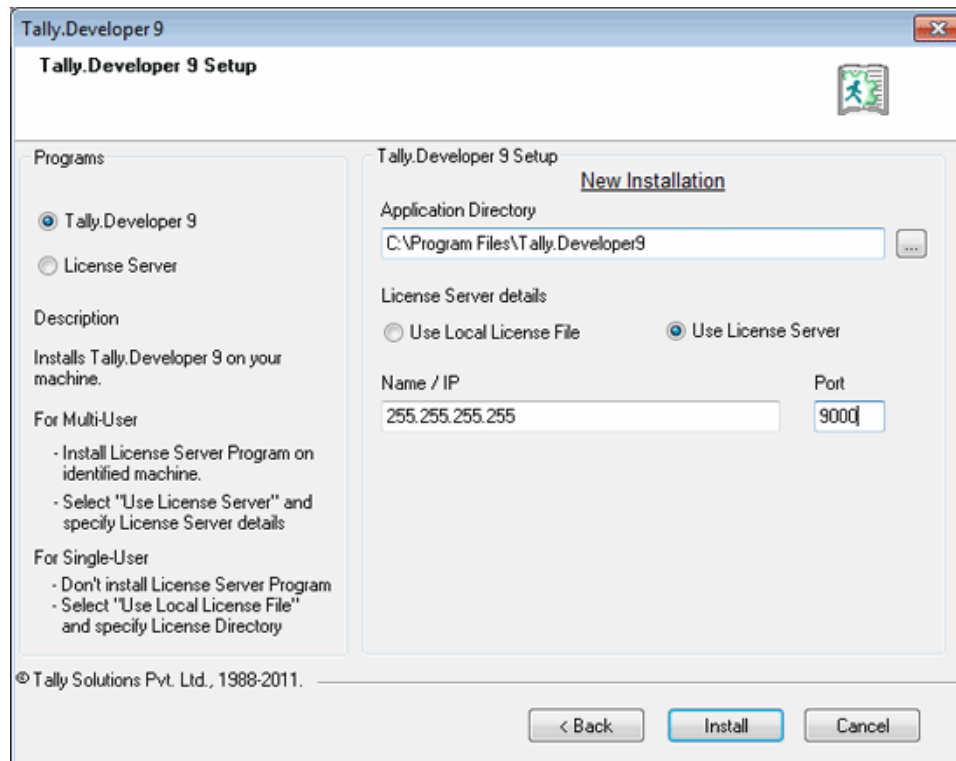
4. In the installer screen, now there are two buttons, **Continue** and **Finish**. Select "**Launch Tally.Developer 9?**" and click on **Finish** to complete the set up and start Tally.Developer 9



On the completion of installation, an icon named **Tally.Developer 9** is found on the desktop. Double click the same to start working with Tally.Developer 9. This application will access the license from the same system.

### Installing Tally.Developer 9 Client on Different Systems

Installing Tally.Developer 9 client on different systems, implies that the License server and Tally.developer 9 application are installed in different machines. The process of installation is same as "Installing Tally.Developer 9 Client on same system". While installing Tally.Developer 9 in another machine the only difference is as follows:



The name of the machine has to be mentioned, ie; IP address and Port.

### 5.4 Installing Tally.Developer 9 in Silent Mode in Multi-User Environment

In a large enterprise Tally.Developer 9 is required to be installed on many systems. While installing the application in a multi user environment, some information like license server path, port etc. is provided repeatedly. Now a **Silent Mode installation** option is available.

**Silent Mode Installation:** The complete installation process can be recorded in a script file and saved at a specified location. The installer uses the script file for subsequent installations and does not prompt the user for the required parameters to complete the installation.

It is a two step process:

1. Recording the installation, and then
2. Running the recorded file repeatedly on different systems.

## Recording the Installation

To record the installation of Tally.Developer 9,

1. Start the **Command Prompt**
2. Go to the path where the install.exe is available using the change directory command CD.
3. Now type the command in following format:

**install /r /f1"<Path\Filename>.iss"**

where,

**/r** - This option is used to record the installation

**/f1** - Used to specify the path and filename. Spaces are not allowed between the /f1 and <path\filename>.

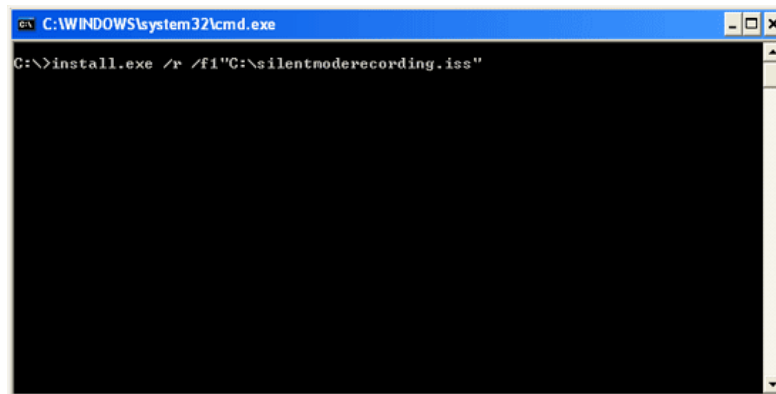
**<Path\Filename>** - Specifies the path and filename of the file to be saved. It must be enclosed in quotes (""). If the path and filename are not specified, by default the installer creates a **Setup.iss** file in the default Windows folder.

After the command is given, it displays the Set up window. Follow the normal installation process to record it in script file.

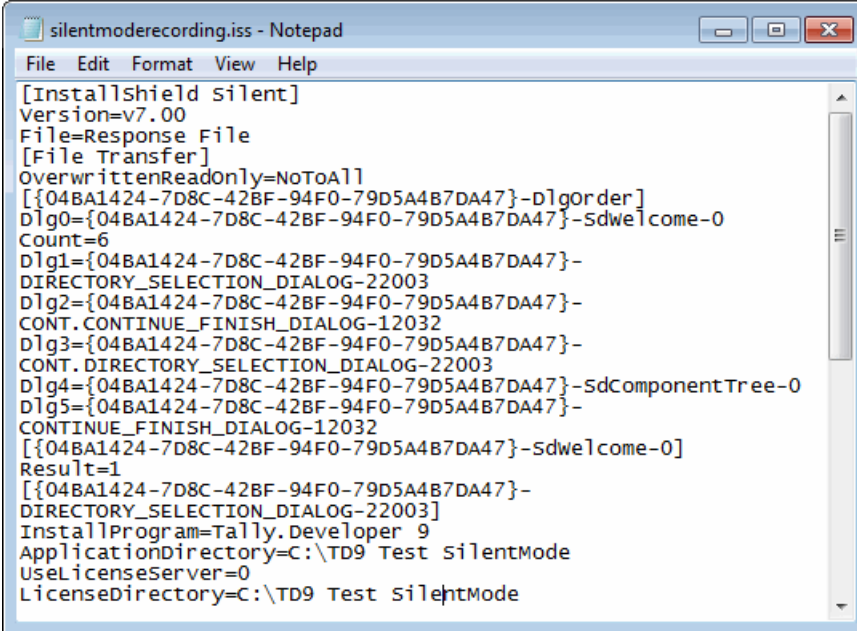
### Example:

Consider that install.exe is available in drive C. To record the installation following command is given:

**Install /r /f1 "C:\SilentInstall\Silentmoderecording.iss"**



After recording the installation the script will appear as shown below:



```
[InstallShield Silent]
Version=v7.00
File=Response File
[File Transfer]
OverwrittenReadOnly=NoToAll
[{04BA1424-7D8C-42BF-94F0-79D5A4B7DA47}-DlgOrder]
Dlg0={04BA1424-7D8C-42BF-94F0-79D5A4B7DA47}-SdWelcome-0
Count=6
Dlg1={04BA1424-7D8C-42BF-94F0-79D5A4B7DA47}-
DIRECTORY_SELECTION_DIALOG-22003
Dlg2={04BA1424-7D8C-42BF-94F0-79D5A4B7DA47}-
CONT.CONTINUE_FINISH_DIALOG-12032
Dlg3={04BA1424-7D8C-42BF-94F0-79D5A4B7DA47}-
CONT.DIRECTORY_SELECTION_DIALOG-22003
Dlg4={04BA1424-7D8C-42BF-94F0-79D5A4B7DA47}-SdComponentTree-0
Dlg5={04BA1424-7D8C-42BF-94F0-79D5A4B7DA47}-
CONTINUE_FINISH_DIALOG-12032
[{04BA1424-7D8C-42BF-94F0-79D5A4B7DA47}-SdWelcome-0]
Result=1
[{04BA1424-7D8C-42BF-94F0-79D5A4B7DA47}-
DIRECTORY_SELECTION_DIALOG-22003]
InstallProgram=Tally.Developer 9
ApplicationDirectory=C:\TD9 Test silentMode
UseLicenseServer=0
LicenseDirectory=C:\TD9 Test silentMode
```

## Installing in Silent Mode

To install Tally.Developer 9 in Silent Mode, type the following command at the command prompt:

**Install /s /f1 "<path\ filename>"**

where,

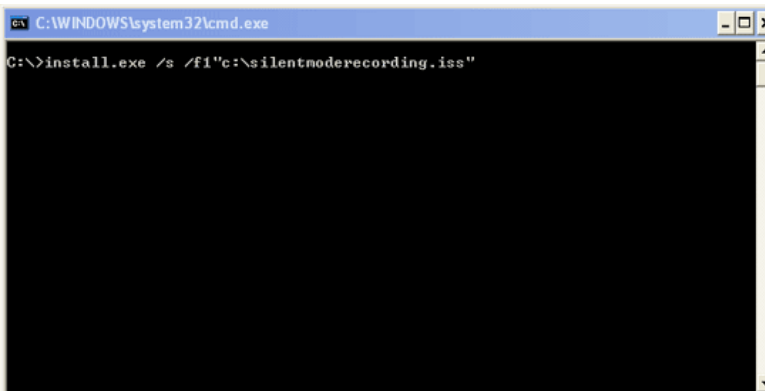
**/s** - this option is used to install Tally.Developer 9 in silent mode

**/f1** - used to specify the path and filename. Spaces are not allowed between the /f1 and <path\filename>.

**<Path\Filename>** - specifies the path and filename of the script file. It must be enclosed in quotes ("").

## Example:

**Install /s /f1 "C:\SilentInstall\InstalParamts.iss"**



```
C:\WINDOWS\system32\cmd.exe
C:\>install.exe /s /f1"c:\silentmoderecording.iss"
```



In the silent mode installation the setup screen is not displayed. The installation is done based on the options selected and parameters specified while recording.

## 6. Configuring the Existing License

The user can locally configure the existing license of Tally.Developer 9 using the configuration options available. You can add or modify parameters to the **Developer.ini** file without actually opening the file. You can configure the existing license by choosing the license mode, providing the License Server Name and Port Number.

To configure the existing license of Tally.Developer 9:

1. Go to **License > Configure Existing License**. The configuration window appears as shown:

**Configure Existing License**

☒ Multi-User    ☐ Single-User    [List of License Server](#)

**Existing Multi User License**

Tally License Server :

Port No. :

Please provide the IP Address or Name of the server on which the Tally License Service is running. Your System or Network Administrator will be able to help you give the details.

Normally, the Tally License Service uses port 9999 to operate. If this was modified, you will need to provide the new port details here. Again, your System or Network Administrator will be able to help you give the details.

**Existing Single User License**

Location of License File :  [...](#)

Please provide the path in which License File exist and path provided should be from local system

[Submit](#)

2. Select the License mode that you want to configure from the screen i.e. **Multi User** OR **Single User**.

### Multi User

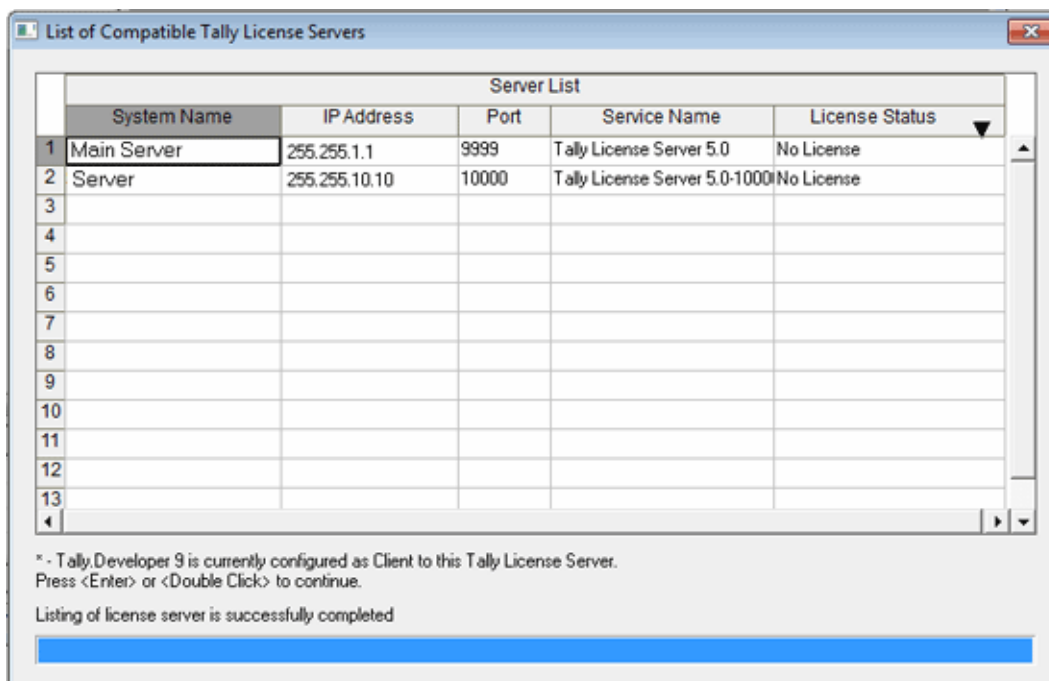
- ❑ Provide the required **Name/IP** address of the license server in Tally License Server field
- ❑ Provide the required port number, in case you want Tally.Developer 9 license services to use different port for communication

### Single User

- Provide the required path of the license file in Location of **License File**
- Click on **Submit** to save the license configuration. The details will be displayed in output window is shown as below:



3. The button **List of License Server** is used to list all the compatible Tally license servers which is available as shown below:



*Please restart the application Tally.Developer 9 for the changes to have effect.*

## 7. Multi Product Licensing Framework

All the products of Tally follow a common licensing principle. In Multi-user environment, the license for client machine is activated from a different machine in which the license server is installed. Like that, the same license server can be shared for different products. For example, **Tally Solutions Pvt. Ltd.** has mainly three products namely Tally.Developer 9, Tally.ERP 9 and Shoper. If the License server is already installed for the product Tally.ERP 9, then the user can use the same license server for activating Tally.Developer 9 also. Only one serial pertaining to each product can be activated using the same License server. All licensing options are routed through the license server.

## 8. Multi-site Accounts

In Tally we have the concept of Sites. We can have multiple sites under a common centralized Account. These accounts are called **Multi-site Accounts**. The sites can be centrally managed by the **Account Administrator**. In addition to this, the licensing operations at the individual sites can be managed by the **Site Administrator**. Different products with different serial numbers/different flavors can be activated at each site.

A multi-site account has more than one Tally.Developer 9 **Silver** or **Gold** licenses activated on different machines or locations under a single account comprising of different serial numbers.

Each Site activated in such an environment is associated to the account id created by the user. For each site, one **Site Admin ID** can be provided. The **Site Administrator** has the rights to perform all the licensing activities for the given site. At least one site must be active at any given point of time.



*For further information refer Web Control Center Document*

On purchase of Tally.Developer 9 License, you should provide a valid Email ID. An account is created with the same Email ID as Account ID in Web Control Center. This Account ID is referred to as **Account Admin ID**.

Multiple sites can be activated under the same Account ID. Activation process is explained in the following section.

The user has to provide the **Account ID** and **Password** to access the account information or to perform any licensing activities in Tally.Developer 9.

### 8.1 Activating Multiple Sites

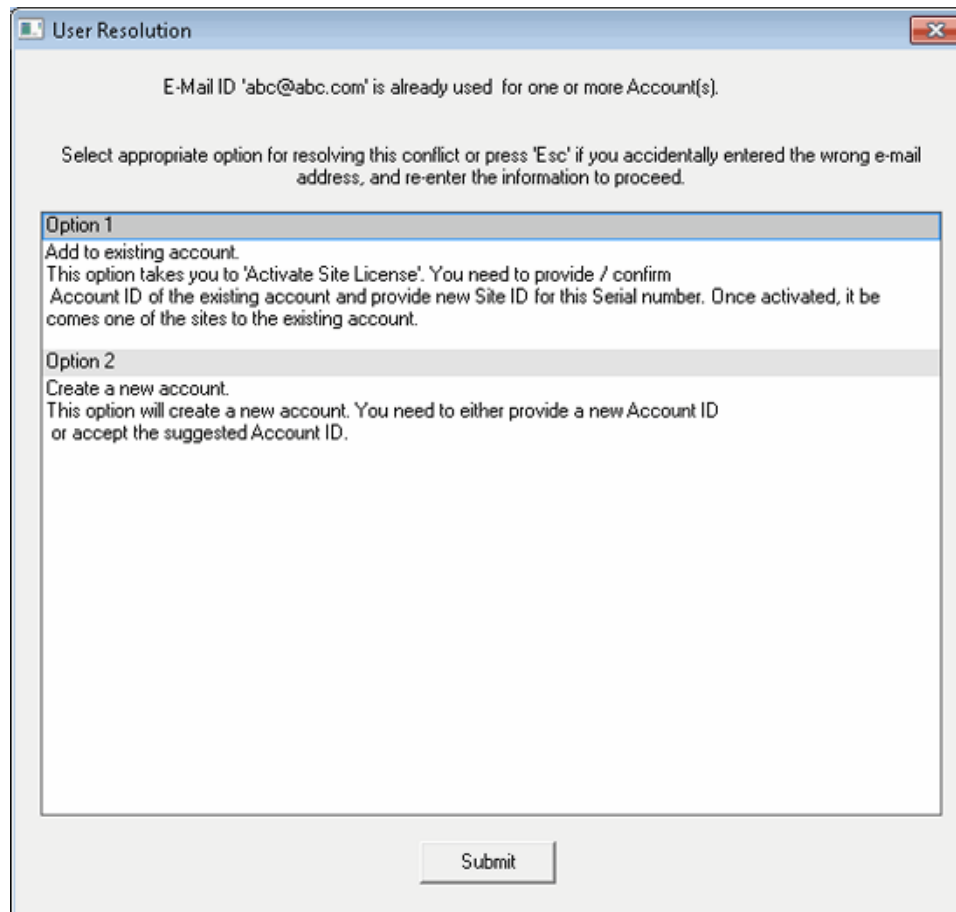
#### Activating Tally.Developer 9 License – First Time

- ❑ To activate Tally.Developer 9 License for the first time, refer the topic 'Activate License'
- ❑ After the License Activation, user will receive an **Email** with **Unlock key** and the **password** to the specified **Email ID**

## Activating Tally.Developer 9 License – Subsequent Sites

When you try to activate the second or subsequent licenses at different locations, each location is treated as a site under the same Account. After successful installation, the activations has to be done using the option **Activate** from the License menu only.

1. When the same Account ID is provided in the Activate screen, the resolution screen is displayed as given below:



In case the new serial activation has to be treated as an additional site then **Option 1** is selected else **Option 2** is selected which allows the user to activate the serial number under a new Account.

2. In the **User Resolution** screen, select the required option to activate the license:

### Option 1: If you want to add this serial number to the same Account:

- ❑ Select this option in case you want the serial number provided to be included in the existing account.
- ❑ The **Activate Site License** form appears displaying the Account ID
- ❑ Enter the required Site Name in the **Site ID** field to proceed with the activation of Tally.Developer 9 License.

- The License Serial Number provided is activated as a new site under the existing Account.

**Activate Site License**

Serial Number : 712217808

Activation Key :

Account ID : TallyDeveloper  
(Existing ID of the account for which this Site is being activated.)

Site ID : Site1  
(Unique Name to identify this Site. We suggest to use your Location (e.g. Bangalore) or Nature of Site (e.g. Warehouse), to make it easy for everyone in your organization to identify it.)

E-Mail ID of Site Administrator : abc@abc.com

Repeat (E-Mail ID of Site Administrator) :

Activating your Site License is a simple two-step process. Once your Serial Number and Activation Key are confirmed, you will receive an E-Mail giving you some important details:

1. An Unlock License Key (which you will require to complete the Activation process)
2. Details on how to access your Tally.NET account and use it effectively for your organization.

A separate E-Mail will be sent to your Account Administrator giving details about this Activation. Your Account Administrator will be required to login to the Control Centre and confirm this to be a Valid Site Activation within 15 days (failure to do so will invalidate this Activation).

Please remember that the Activation process can be completed only with the 'Unlock License Key' which is sent in the E-Mail to the Administrator. It is important, therefore, that a valid E-Mail is given.

If you are activating license for the first time in your organization, use Single Site button to activate license.

**Option 2: If you want to provide a new account id and want to retain the existing account id as the administrator of the account:**

- Select this option when you want to retain the existing **Account ID** for the purpose of **Account Administration** and the License **Serial Number** provided to be activated under the **new Account ID**.
- The **Support Activation** form appears as shown:

**Support Activation**

Account ID TDL  
(Unique ID to identify your account.)

3. Provide the Account ID in the **Account ID** field. A new account will be created and the License **Serial Number** provided in the **Activation Form** will be included in the new Account ID.



*In this scenario, a single instance of Tally.Developer 9 Gold or Silver which is installed in different machines under the same Account ID with different serial numbers is called a site.*

### Unlock the license

After activating the license, the **Unlock Key** will be sent to Site Administrator's E-mail ID. At the same time, a separate E-mail will be sent to the Account Administrator giving the details about this additional site activation.

- The **Account Administrator** in turn has to confirm the activation within a span of 15 days from the date of activation of the site.

### Reactivate the Multi-Site License

Reactivation process is the same for single site and multi-site. Please refer the topic 'ReActivate License' for more details. The only difference is that after entering the authentication details, the following screen is displayed:

**Reactivate License Resolution**

Site available for reactivation						
Serial Number	Account ID	Account Name	Site Name	Serial Status	Surrendered Source	Last Activation
700031268	tdt@ssntally.com		Ahmedabad-TD9	Surrendered	Product	TALLY.T044
731000036	tdt@ssntally.com		TDL Support	Active	Product	TALLYDT514

Submit

**Suspended Sites:**

Serial Number	Account ID	Account Name	Site Name	Last Activated System	Last Activated Path

Note: Reactivation is allowed for the licenses in surrendered state.  
In case you have formatted your system without surrendering the license, reactivation is allowed in that system in the path where previously it was active.  
If you want to reactivate the license in a different system and if the license is in active state, surrender it using Control Centre.  
To know the detailed procedure on how to surrender the license from Control Centre refer to Online Help or Tally Developer 9 Reference Manual.

It shows the detailed list of active sites and surrendered sites. The user can select the site to be reactivated and click on the **Submit** button. On the status bar the license details are shown.

After reactivating the license, the site administrator will receive an **Email** at the E-mail address specified as **Site Administrator E-Mail ID**.



*This option is useful when a different serial number is to be reactivated under same Account ID.*