

# **GINESYS v 11.100.0**

## **SOFTWARE INSTALLATION GUIDE**

*January 2016*

## Table of Contents

SUMMARY.....	3
What are the software pre-requisites for installation? .....	3
Important Notes regarding enabling IIS: .....	3
New Installations.....	7
Migrating from previous versions creating a new database .....	7
Migrating from previous versions keeping the existing database .....	8
New Installations and Migrating from previous version with new database.....	9
Getting Started.....	16
How does getting started work? .....	17
Workstation installation.....	22
Back Office Work Station.....	22

## SUMMARY

Ginesys v11.100.0 software is pretty easy to install and run if you follow the guide carefully. It has certain pre-requisites in the system for it to function properly at optimal level. It also has certain important parameters to be checked in relation to database.

### What are the software pre-requisites for installation?

Component	Installation Process	Server / Workstation / Both
Operating Systems (OS)  For Server: Windows 2008 /Windows 2008R2 / Windows 2012.  For WK: Windows7 / Windows 8/ Windows 10.	Manual install	Both
Microsoft .NET Framework 4.5	Windows 7: GINESYS Installer Windows 2008 R2: GINESYS Installer All other OS: Manual install	Both
Internet Information Server (IIS)	GINESYS IIS Installer	Server

### Important Notes regarding enabling IIS:

It is important to note that depending upon the Operating Software (OS) some of these prerequisites may already be present in your system. However, please check out if each of the prerequisites are already enabled or installed.

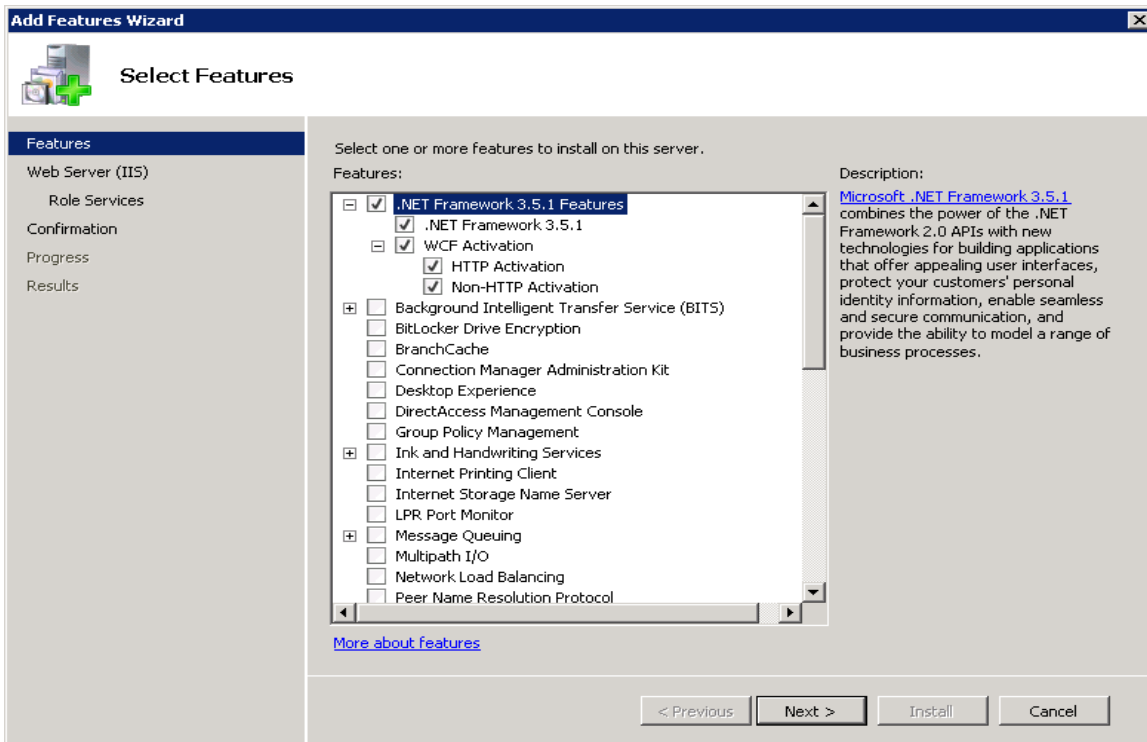
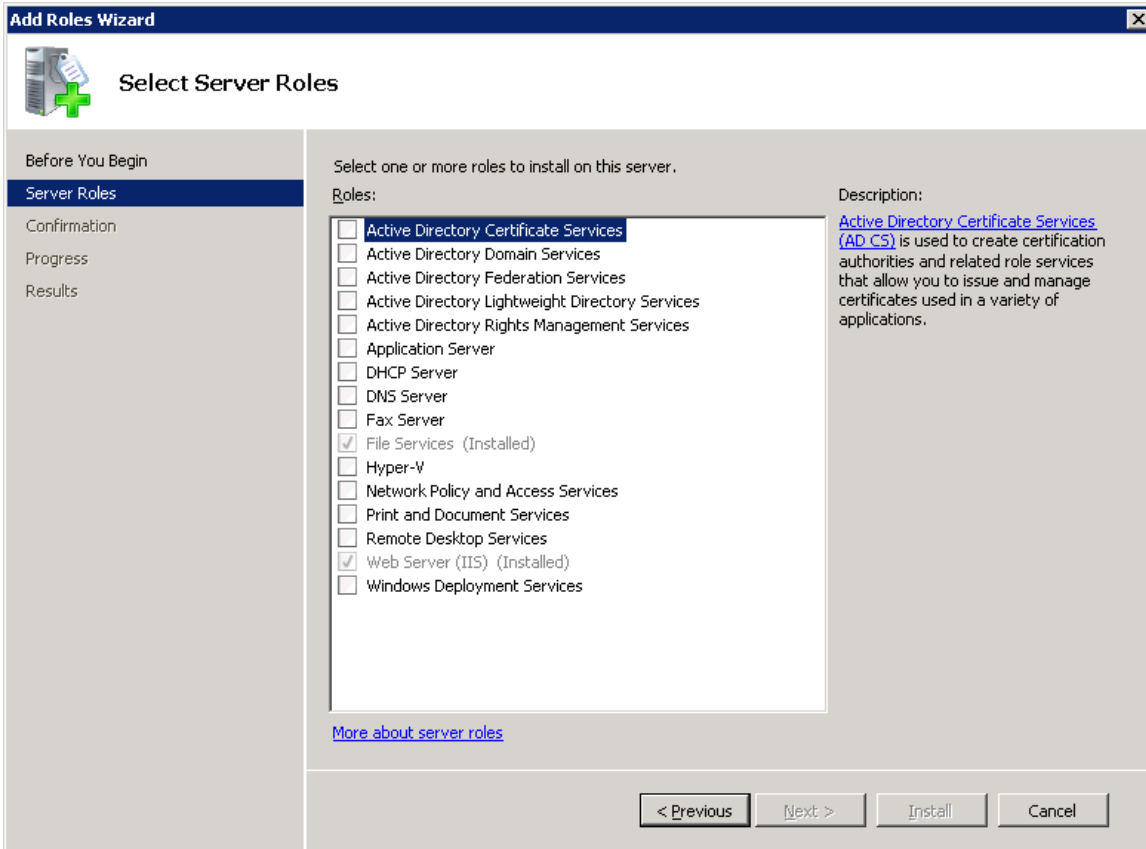
Note that the servers must be 64 bit machines by default but terminals may be 32 bit or 64 bit as required. However, if any of your terminals run on Windows 10 then the machine has to be a 64 bit one.

GINESYS has provided a batch file for automatic installation of IIS if it is not installed in your intended machine. This .bat file can be found at the following location:

**(Root directory of your installation CD or DVD)/IISConfig/InstallIIS.exe**

In case the installer cannot run for some reason, please note that you must enable IIS through Server roles option in the Add Roles Wizard; if you are running Windows 2008 / Windows 2008R2 / Windows 2012 for servers.

Please follow the illustrations given below:

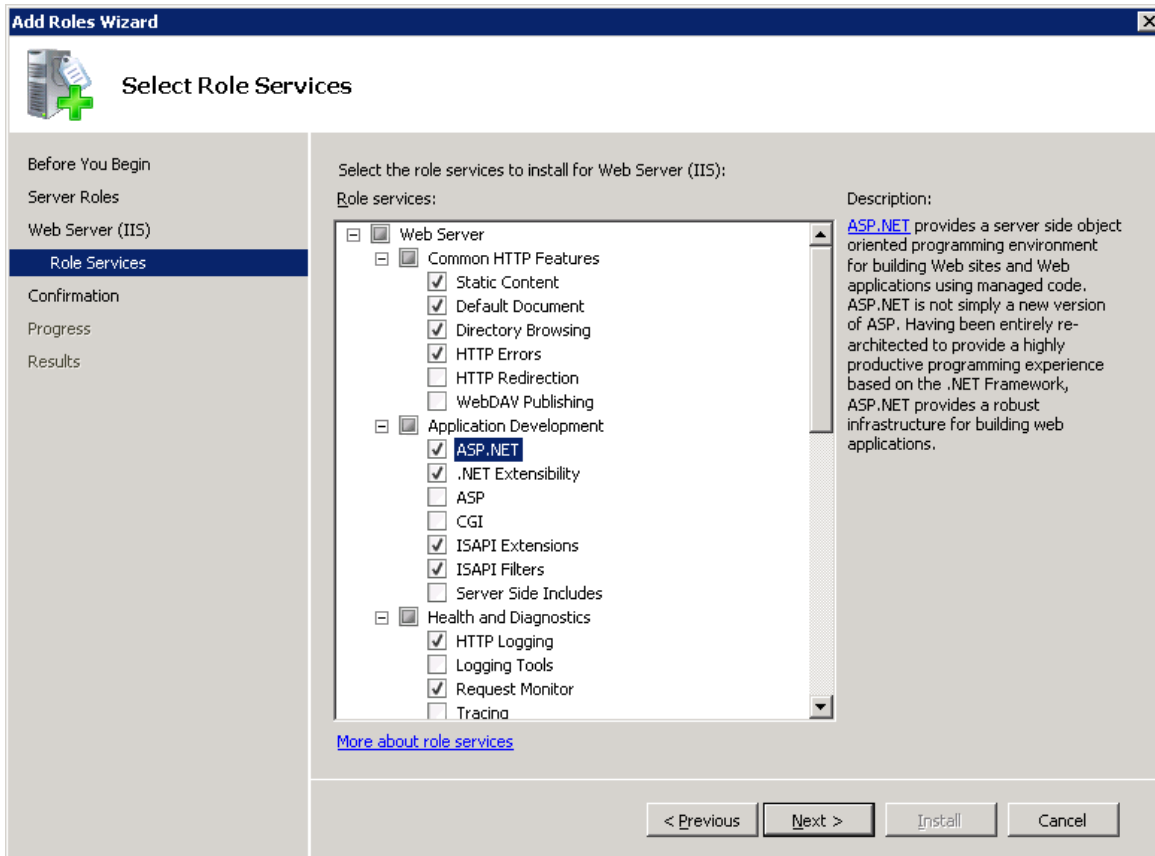


IIS has to be mandatorily enabled for GINESYS V11.100.0 because presently, only the Retail, Web Services and Shipment tracking related operations are running through IIS. But modules which are running in D2k

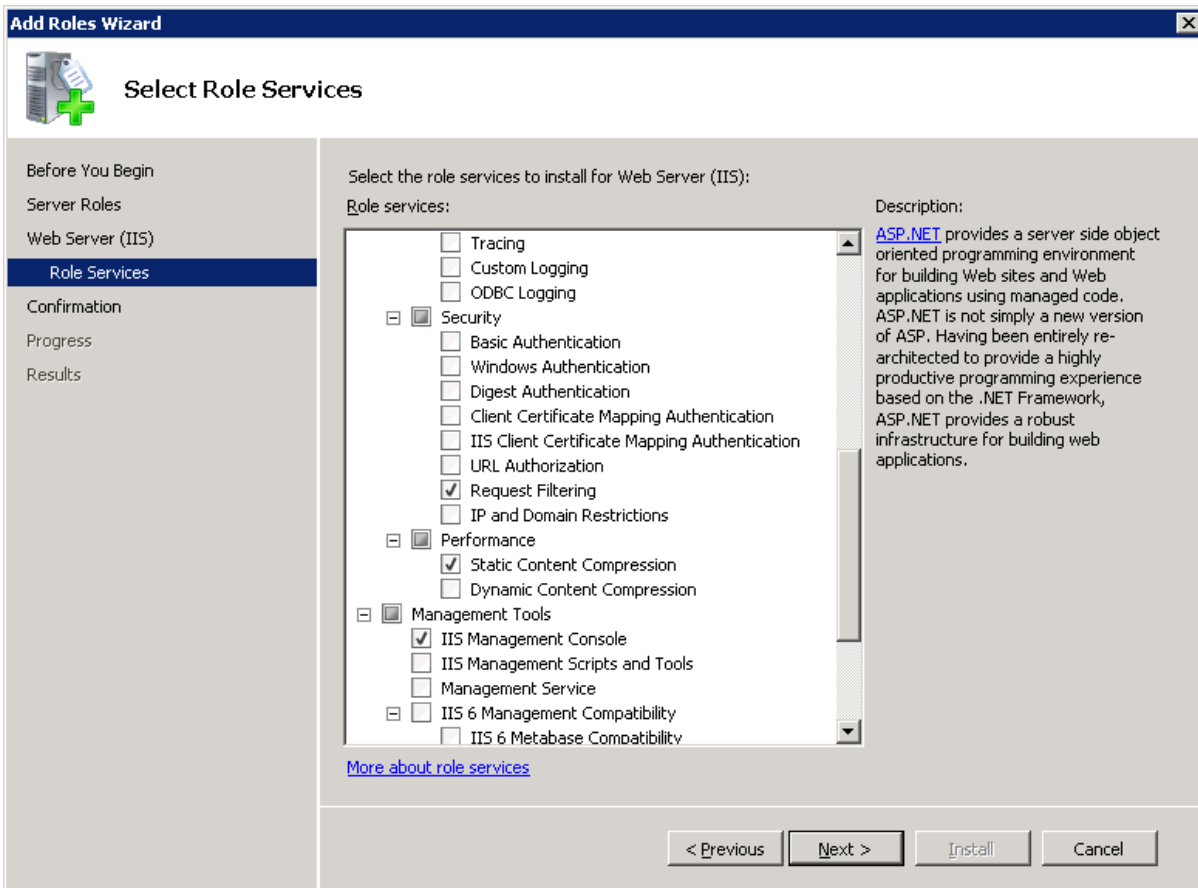
platform are going to be converted gradually into Web platform in near future. So, it would be safe to configure the IIS from day one.

It is important to note that ASP.NET under IIS feature must be enabled in both servers and terminals.

The v11.100.0 can either be newly installed in a system or be migrated from an old one, below are given the steps for making new installations as well as migrating from previous version.



There are also a few steps which need to be executed for both new installations and migrating from previous versions creating a new database and finally migrating from previous versions keeping the existing database.



## New Installations

Oracle 12c Standard Edition must be installed previously if it is a fresh installation or the database is being migrated to a newer upgrade. Please remember to check for previous Oracle installations if any and uninstall them first.

## Migrating from previous versions creating a new database

You may wish to create a new Oracle 12c database in the interests of enhanced performance. In that case follow the steps given below to uninstall the previous database.

Note: When you are migrating from previous versions, you must go through the process of deleting or uninstalling the previous GINESYS Software if you are migrating from a lower version to v11.100.0. Taking back-up and checking it is mandatory; before uninstallation of software.

1. You must uninstall the previous GINESYS version from Add/Remove Programmes.
2. Delete the GINESYS folder structure from the drive where you have installed it.
3. Delete all GINESYS related schedulers from the command prompt (cmd) with the command <<sc delete <name of scheduler>>>. The list of services run in GINESYS are given below:
  - a. GINESYS Scheduler Service
  - b. GINESYS SMS Service
  - c. GINESYS Email Service
  - d. GINESYS Licensing Service
  - e. GINESYS Planning Service
4. Delete the previous ODAC (Oracle Data Access Components) 11g by executing the following steps:
  - i. Open Command Prompt; remember to run it as Administrator.
  - ii. Locate the folder where ODAC has been installed (eg: c:\ODAC64).
  - iii. Once the cursor changes, run the command c:\ODAC64 uninstall.bat all odac (Note that "odac" over here is the home name, the same name used while installing ODAC). This uninstalls all the components.
5. Delete the previous ODAC (Oracle Data Access Components) 10g by executing the following steps:
  - i. Uninstall all Oracle components using the Oracle Universal Installer (OUI).
  - ii. Run regedit.exe and delete the HKEY\_LOCAL\_MACHINE/SOFTWARE/Oracle key. This contains registry entries for all Oracle products.
  - iii. If you are running 64-bit Windows, you should also delete the HKEY\_LOCAL\_MACHINE/SOFTWARE/Wow6432Node/Oracle key if it exists.

- iv. Delete any references to Oracle services left behind in the following part of the registry (HKEY\_LOCAL\_MACHINE/SYSTEM/CurrentControlSet/Services/Ora\*). It should be pretty obvious which ones relate to Oracle.
- v. Reboot your machine.
- vi. Delete the "C:\Oracle" directory, or whatever directory is your ORACLE\_BASE.
- vii. Delete the "C:\Program Files\Oracle" directory.
- viii. If you are running 64-bit Windows, you should also delete the "C:\Program Files (x86)\Oracle" directory.
- ix. Remove any Oracle-related subdirectories from the "C:\ProgramData\Microsoft\Windows\Start Menu\Programs\" directory.
- x. Empty the contents of your "C:\temp" directory.

## Migrating from previous versions keeping the existing database

Otherwise, if the existing 10g database has to be maintained, the 10g database can exist as it is, provided the OS involved is Windows 7 or Windows Server 2008.

Please note that you must have ODAC 12c even if your database 10g.

Note: When you are migrating from previous versions, you must go through the process of deleting or uninstalling the previous GINESYS Software if you are migrating from a lower version to V11.100.0.

Taking back-up (especially of environment variables) and checking it is mandatory; before uninstallation of software.

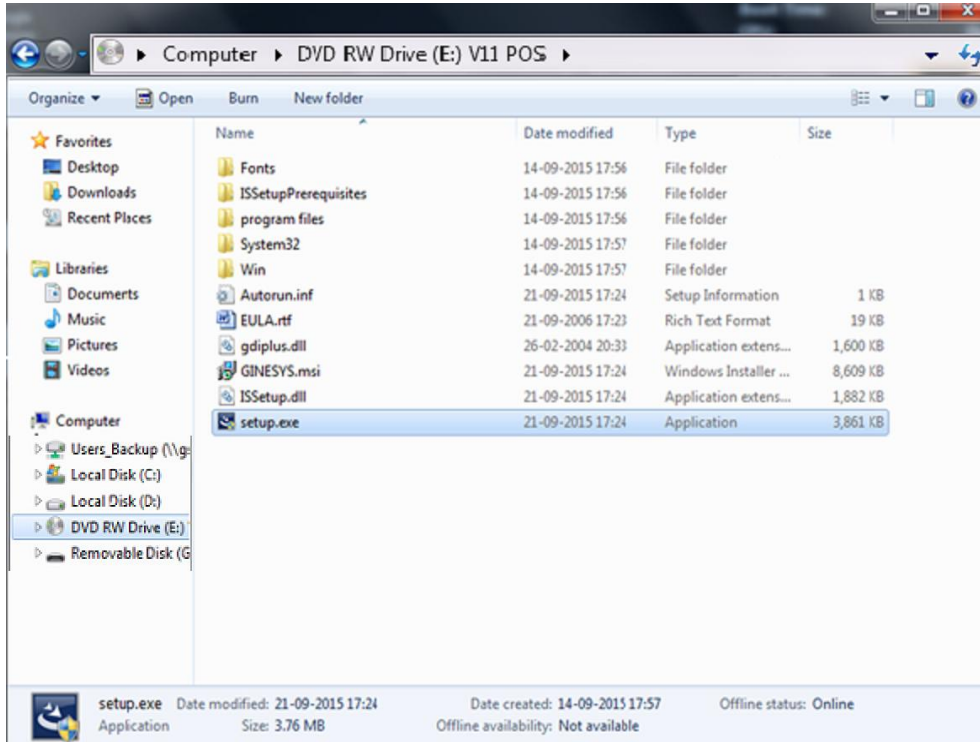
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  - c. GINESYS Email Service
  - d. GINESYS Licensing Service
  - e. GINESYS Planning Service
4. Delete the previous ODAC (Oracle Data Access Components) 10g by executing the following steps:
  - a. In the command prompt (cmd) type <<cd <drive where ODAC is existing>\ODAC64>>
  - b. In the current drive i.e. <drive where ODAC is existing>\ODAC64 – type <<uninstall all ODAC>>
  - c. Similarly change drive for ODAC32, and uninstall it.



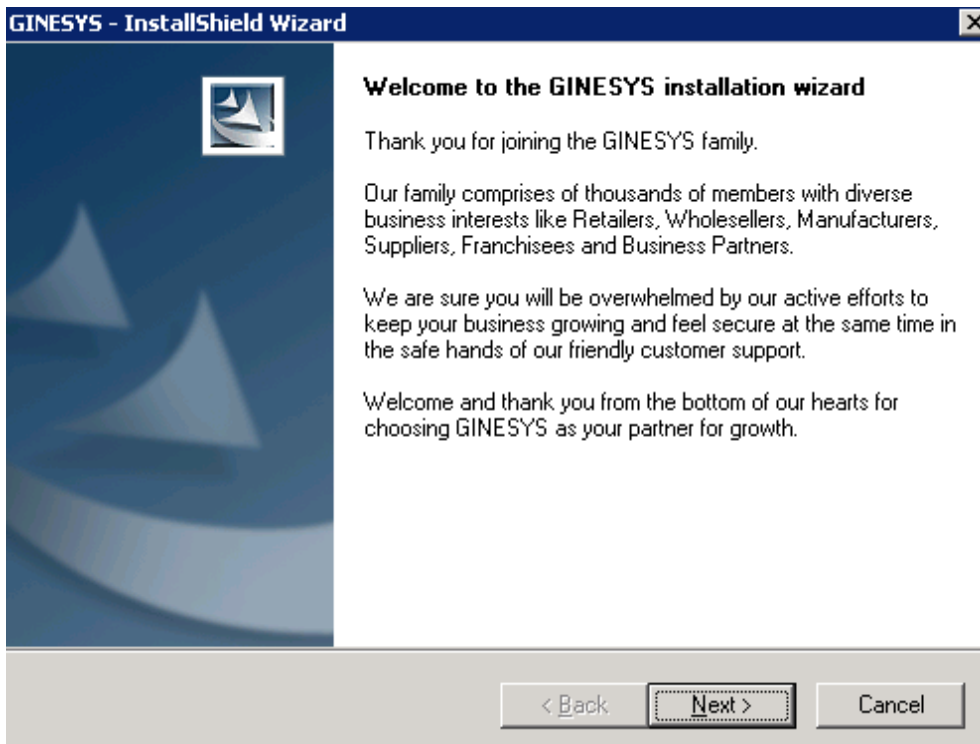
## New Installations and Migrating from previous version with new database

Now we can start installing the software from the CD provided.

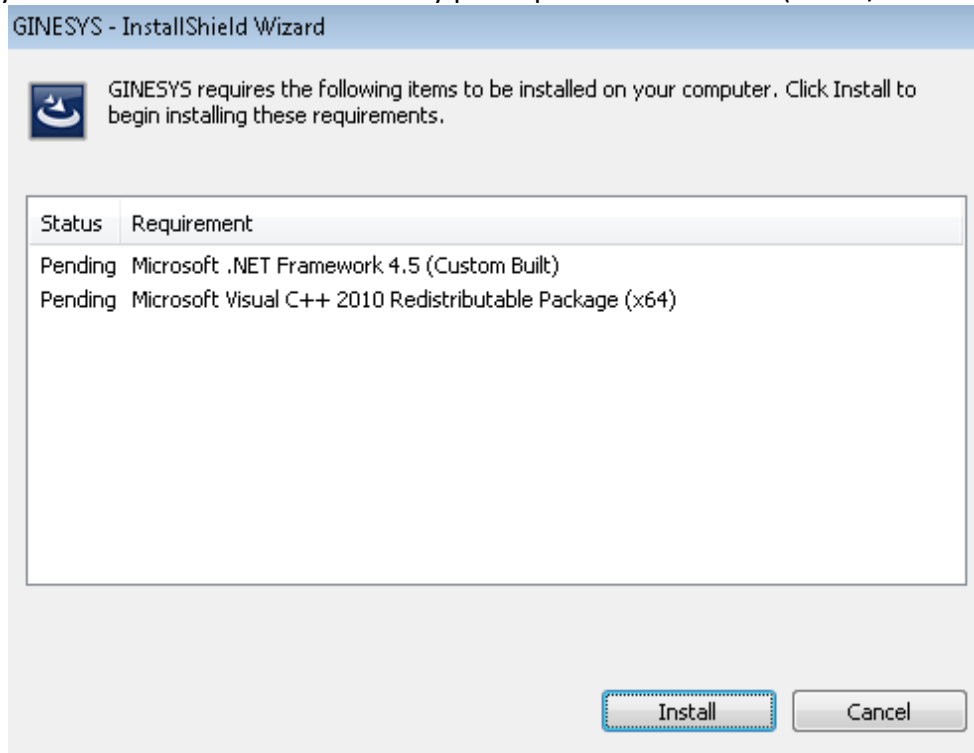
Find the Setup.exe on your CD drive.



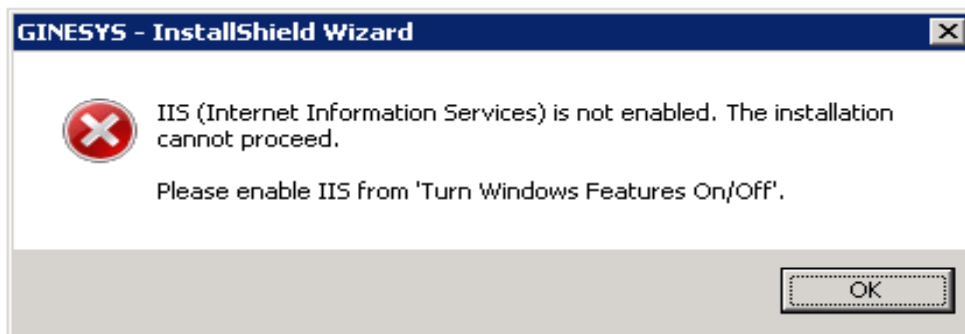
Now you'll be taken to the Installation Wizard



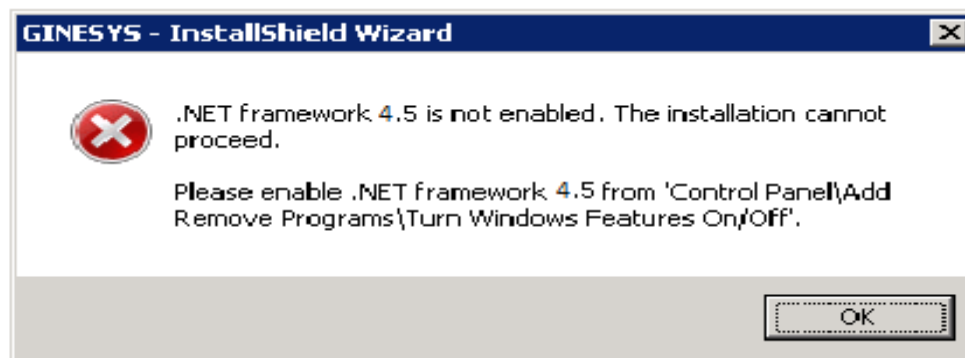
System information and mandatory prerequisite information (install/ de-install) will appear.



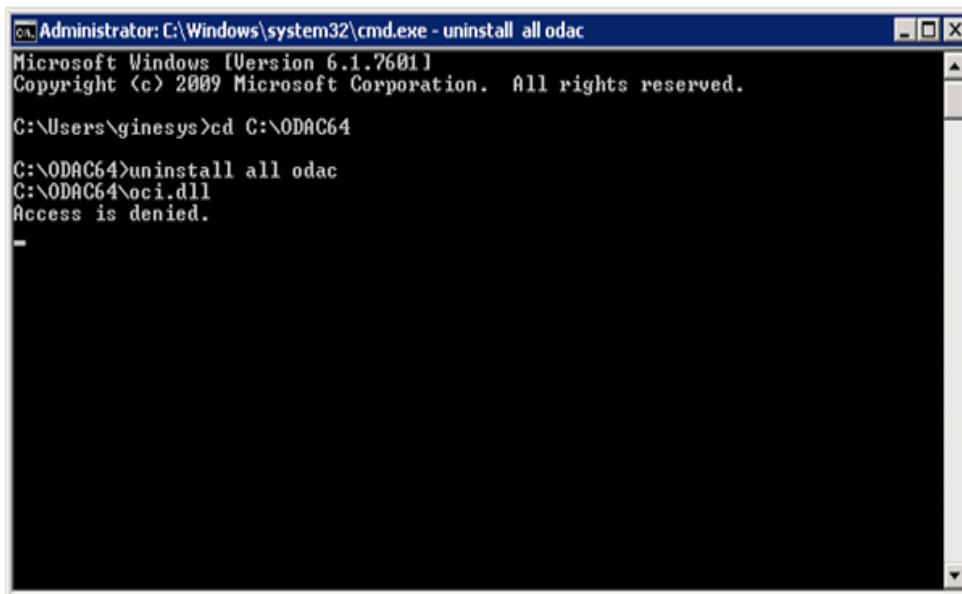
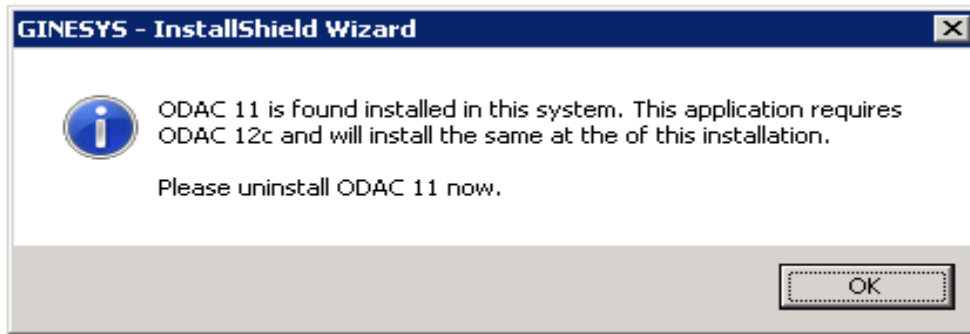
Please follow the steps given above to enable IIS if you get this alert.



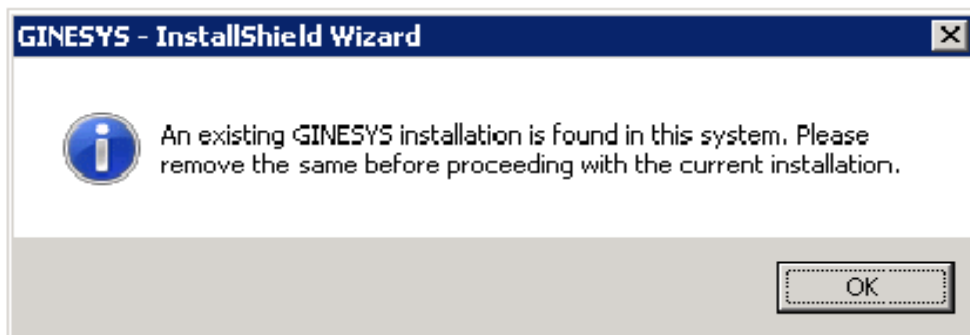
Please enable .NET framework 4.5 if you get this alert.

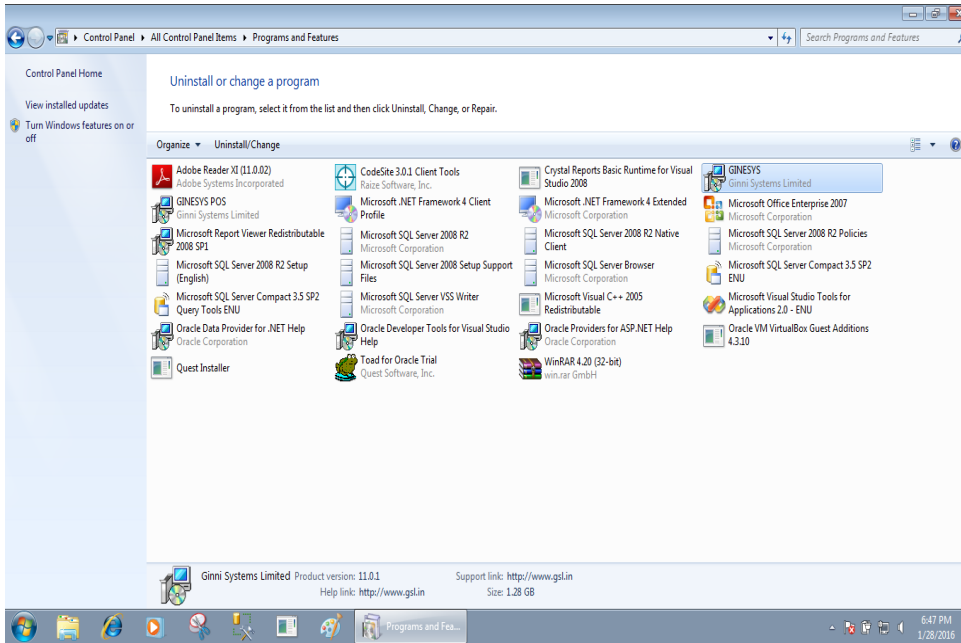


Uninstall old ODAC11 and ODAC12c will automatically be installed by the GINESYS Installer.

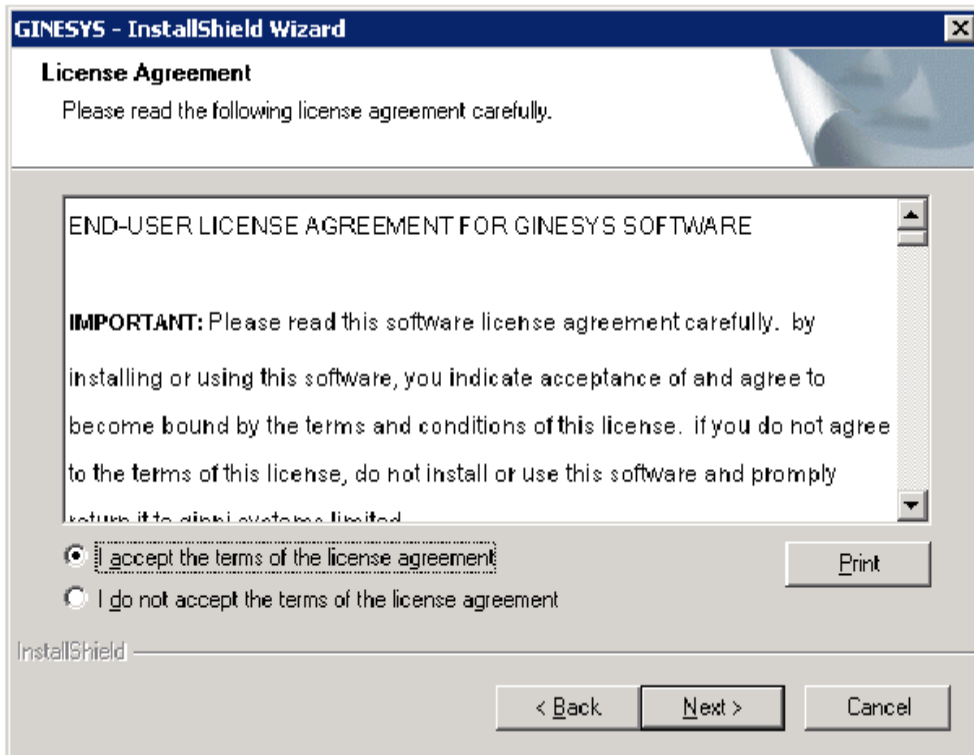


If it is a migration scenario, uninstall the old GINESYS version, when you get this message.

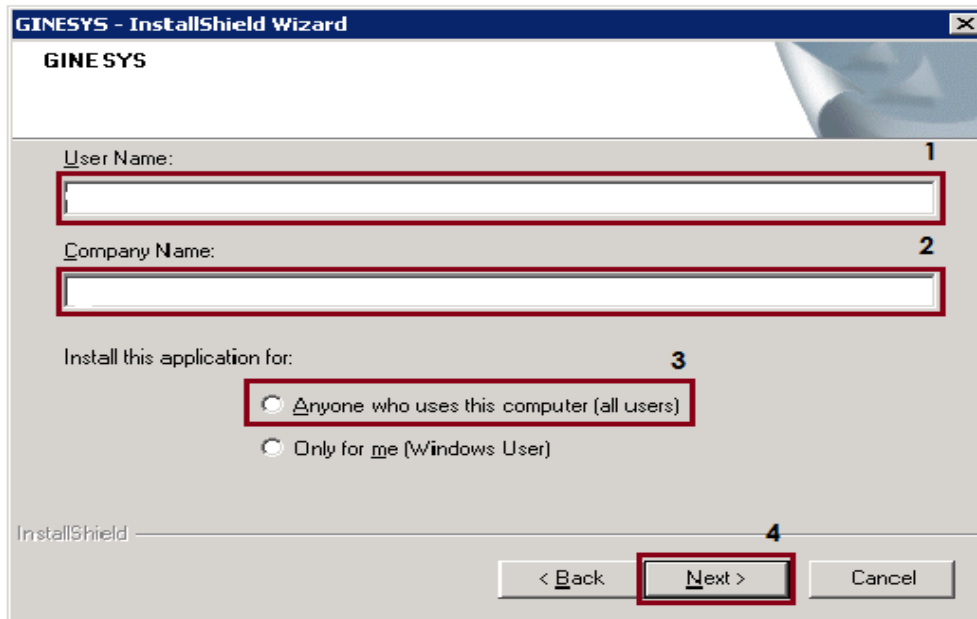




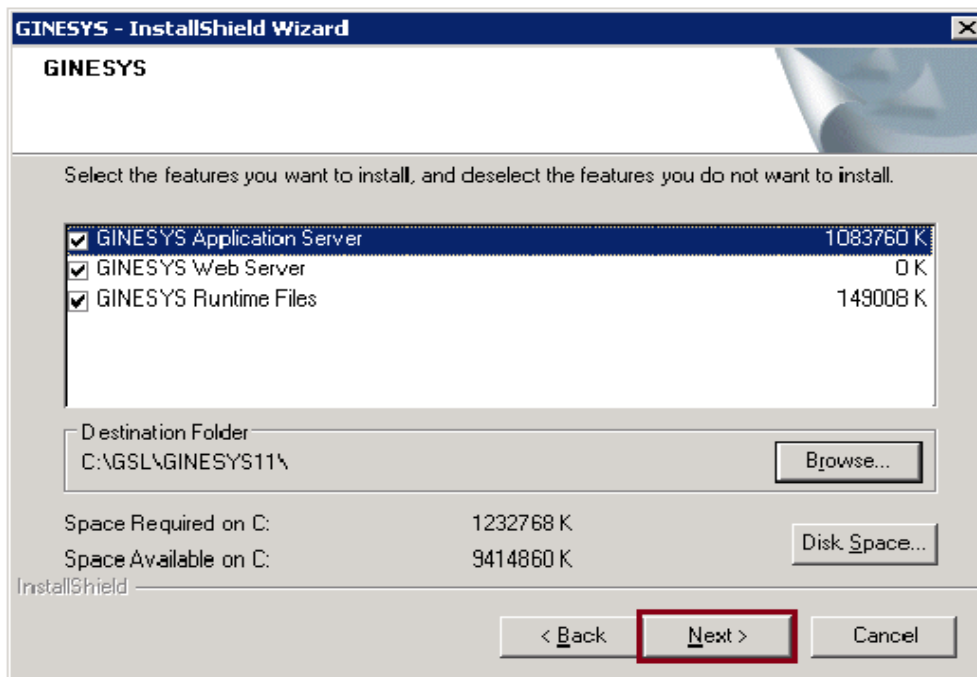
If you have already installed and de-installed the prerequisite services and software, then you will find the License Agreement.



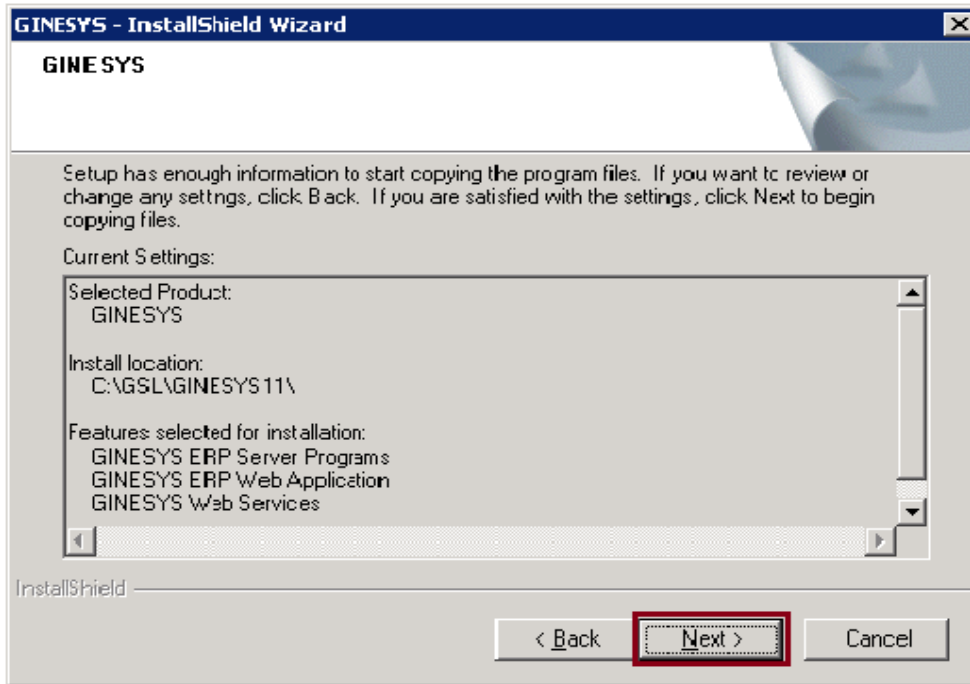
Once you accept the licensing terms; the installation process will continue, you need to provide a User Name and a Company Name and choose the “Anyone who uses this machine” option. Then click on Next.



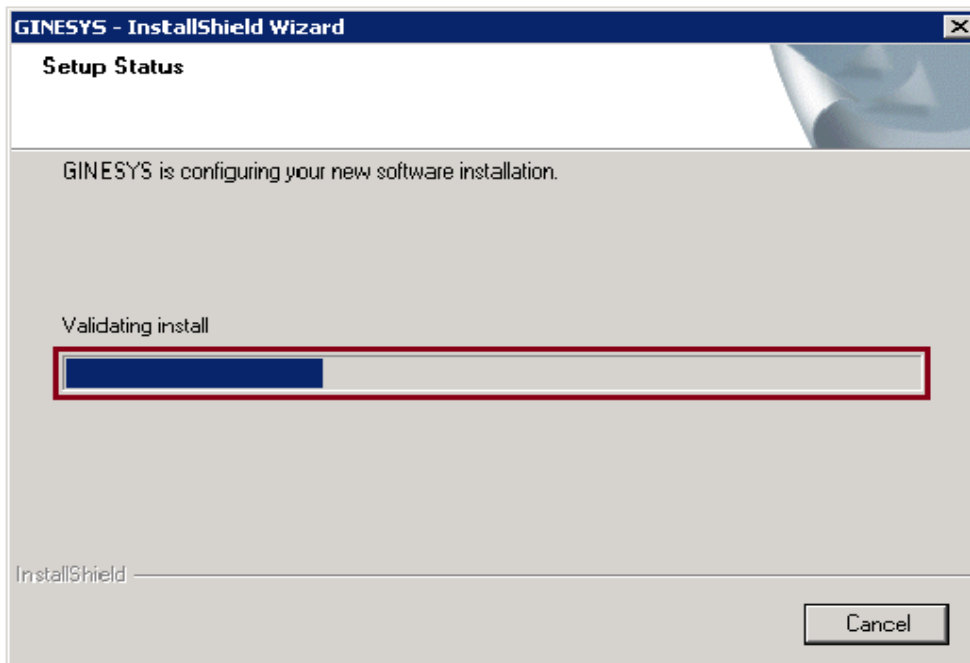
Then choose the features you wish to install by checking the boxes. Click on the Next option.



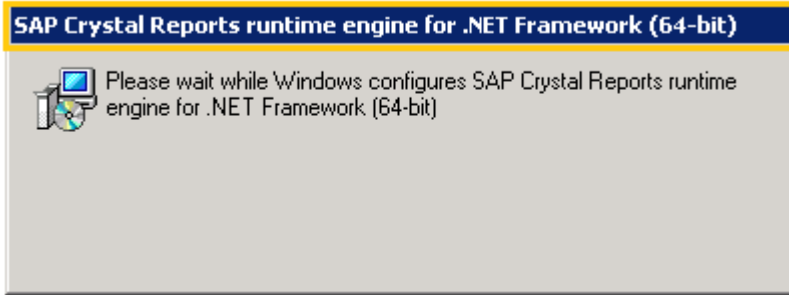
It displays the Installation Location and the features installed. If you feel all details are correct, click on Next.



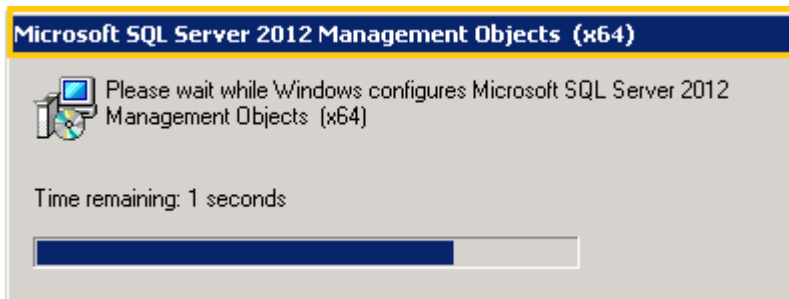
Now your GINESYS installation will be validated and configured.



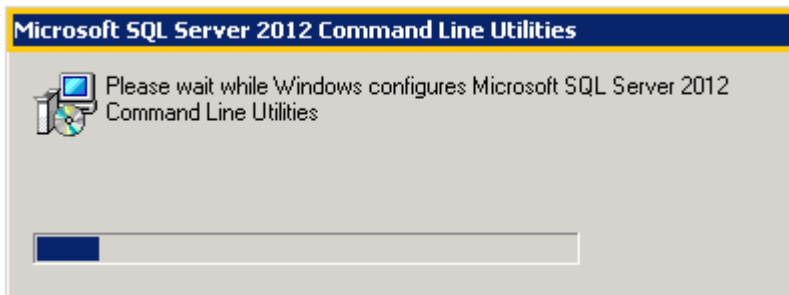
Now the installer will install some of the prerequisite software/utilities  
SAP Crystal Reports Runtime 13 version 13.0.8 or above



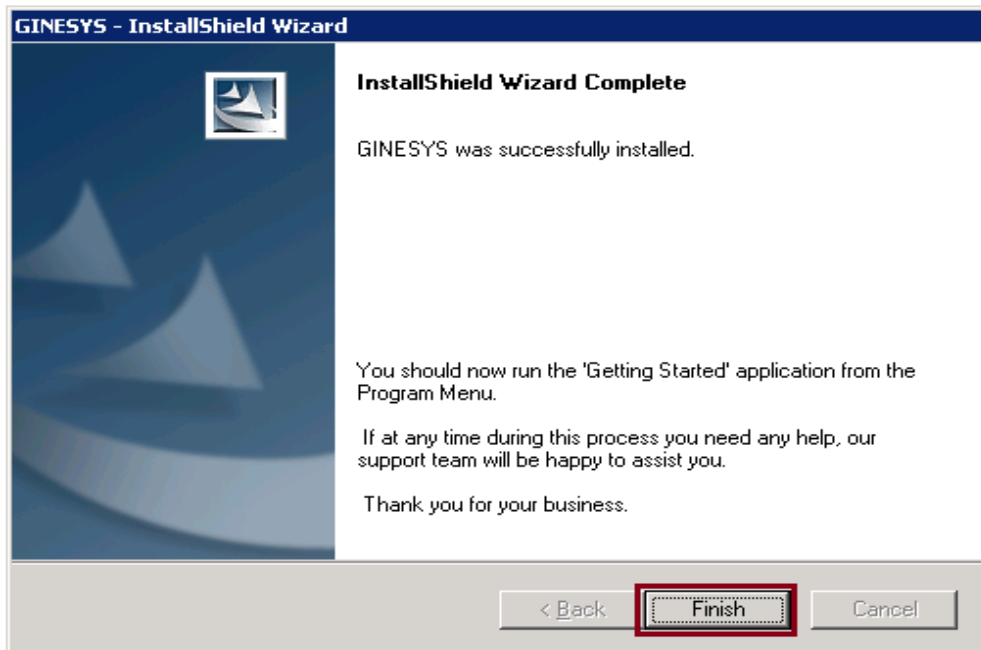
SQL Server 2012 Native Client  
SQL Server 2012 CLR Types  
SQL Server 2012 Shared Management Objects



SQL Server 2012 Command Line Utilities



Then your installation is complete and your software is ready for use.




Make a final check to see that all GINESYS related software and the other installations from the pack are completed properly.

Check the new folder structure.

Check your database installation (whether 10g or 12c).

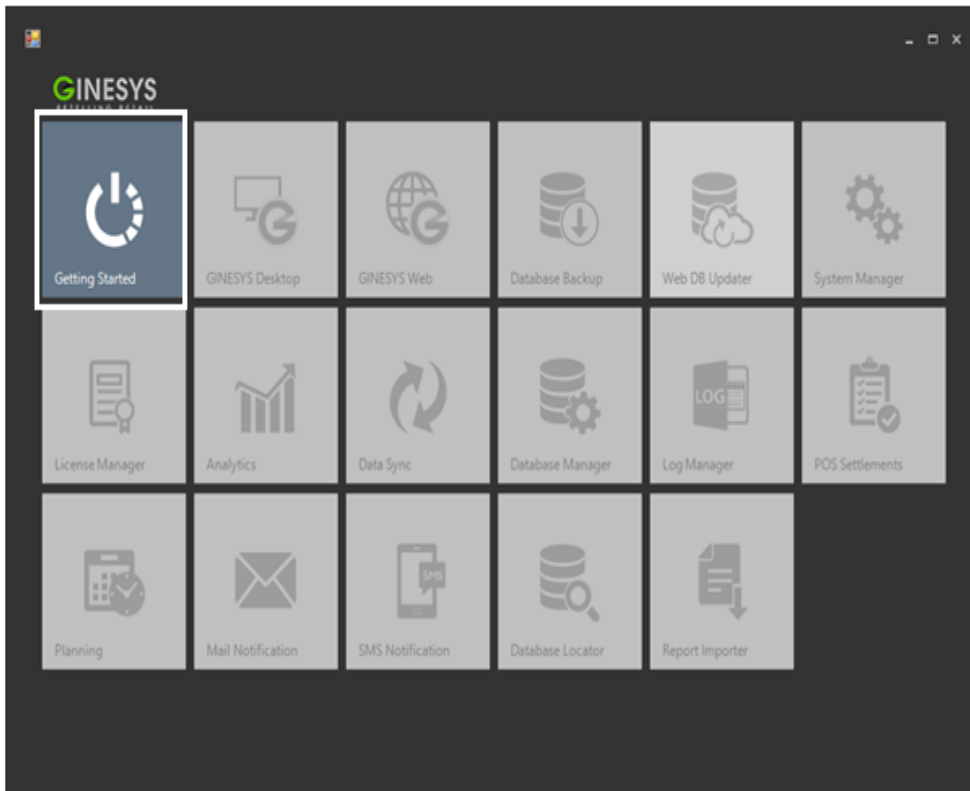
## Getting Started

Right after the physical installation of the software, the GINESYS logo  will appear on your screen. Clicking on this logo will take you to the GINESYS Launchpad. The GINESYS Launchpad is a new Dashboard UI for GINESYS v11.100.0. The Getting Started tab is a component of this UI and **will be active only once after a new installation** to allow users to connect to their database, provide company details and install some of the pre-requisites.

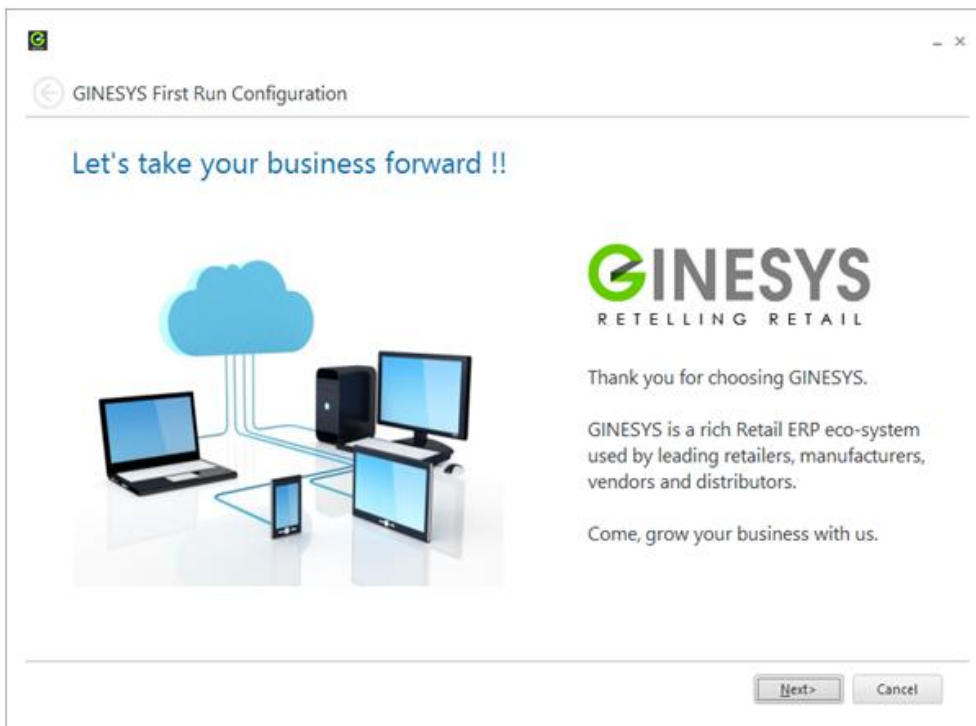


### How does getting started work?

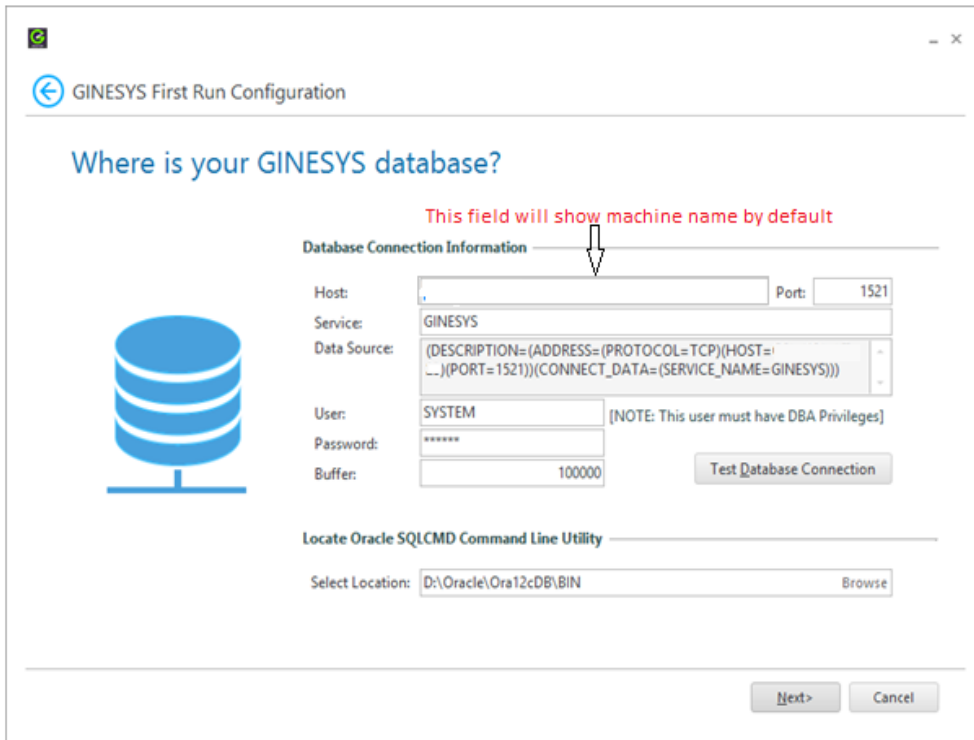
After completion of running the GINESYS Installation Wizard, the GINESYS Launchpad appears on clicking the GINESYS logo on your screen. It has only one active tab at this stage i.e. the Getting Started.



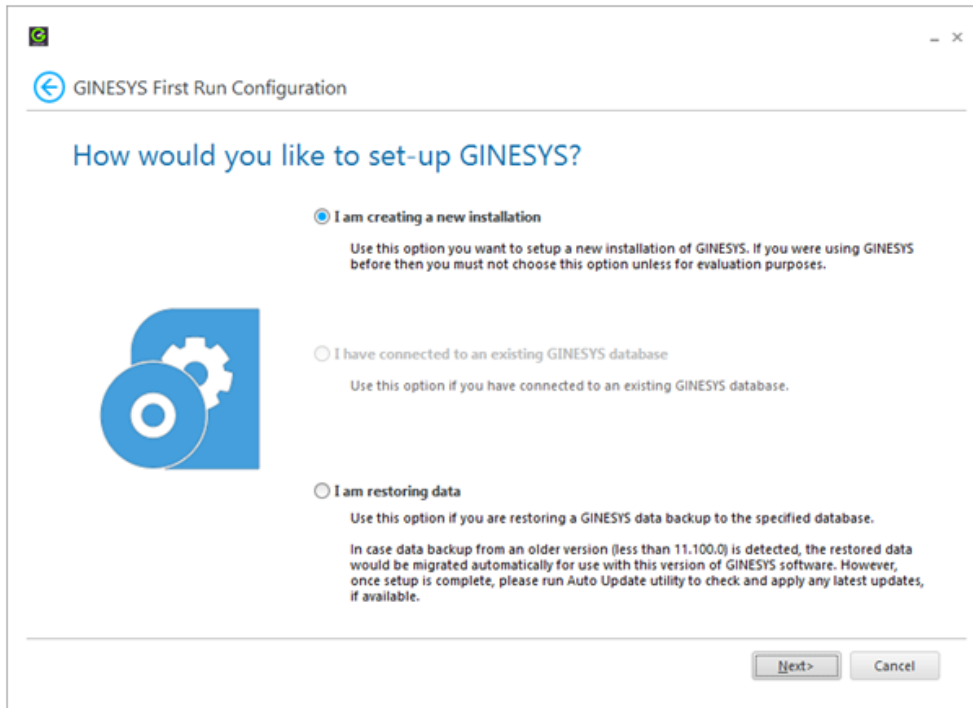
On clicking Getting Started, you will reach the Welcome screen. Click on the “Next” button.



The next screen is about database connection. The UI by default shows the machine (server) name as the Host. However, Port and Service names must be 1521 and GINESYS respectively. We suggest the User (with Data Base Administrator privilege) and Password be kept as “SYSTEM” to allow for easy management of the database and handling of support issues. Correctly locate Oracle SQLCMD Command Line Utility by browsing; if you have installed your database correctly then it would be in the shown path only. Click on the “Next” button.



In the next screen, you can choose whether you want to do a new installation with a new database or connect to an existing database. You can also choose to restore the old database.



After making the above decision and clicking next, if you have chosen a new installation, you will get a new screen. Here you can put in your company information. This is a very important stage of installation, please be careful about the information you put in here, because you will not be able to change the details later. The Schema Name and the Password are very important fields. The Schema password could be anything that the DBA wishes; however we suggest “gmp1” as password to smoothen support processes later. We also suggest you keep the GINESYS Admin name and password as “admin”. The start date would depend on the financial calendar that your company follows; usually the financial year is 1st April current year to 31<sup>st</sup> March next year. Click on the “Next” button.

**GINESYS First Run Configuration**

### Enter your company information

**General Information**

Company Name:

Short Name:

Initial:  [4 characters]

Barcode Prefix:  [Max 3 Characters]

Schema Name:  GINESYS Admin:

Password:  Password:

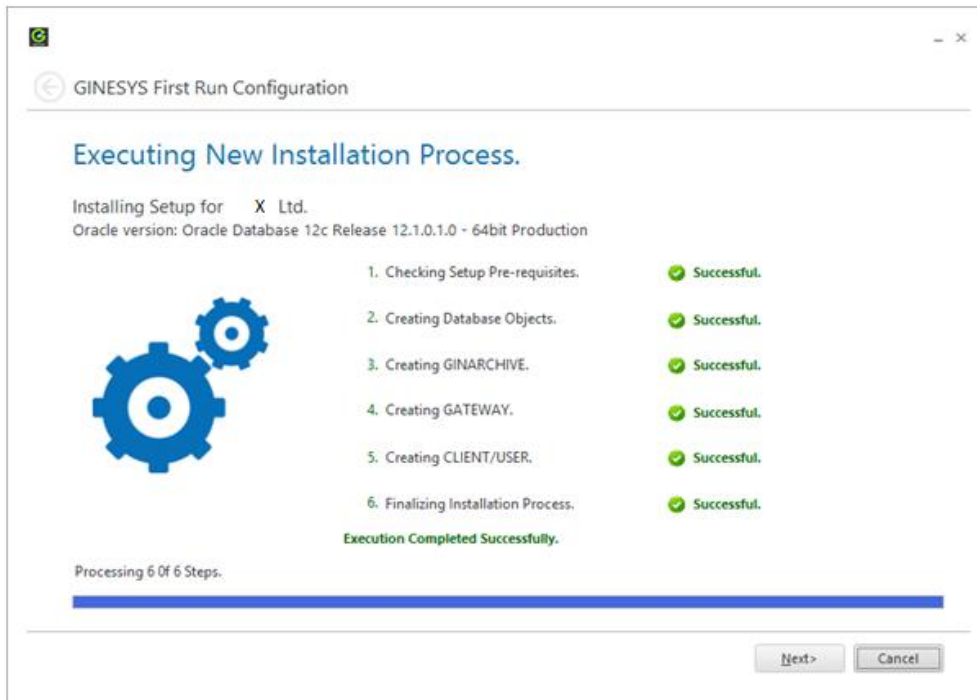
**Accounting Information**

Start Date:  End Date:

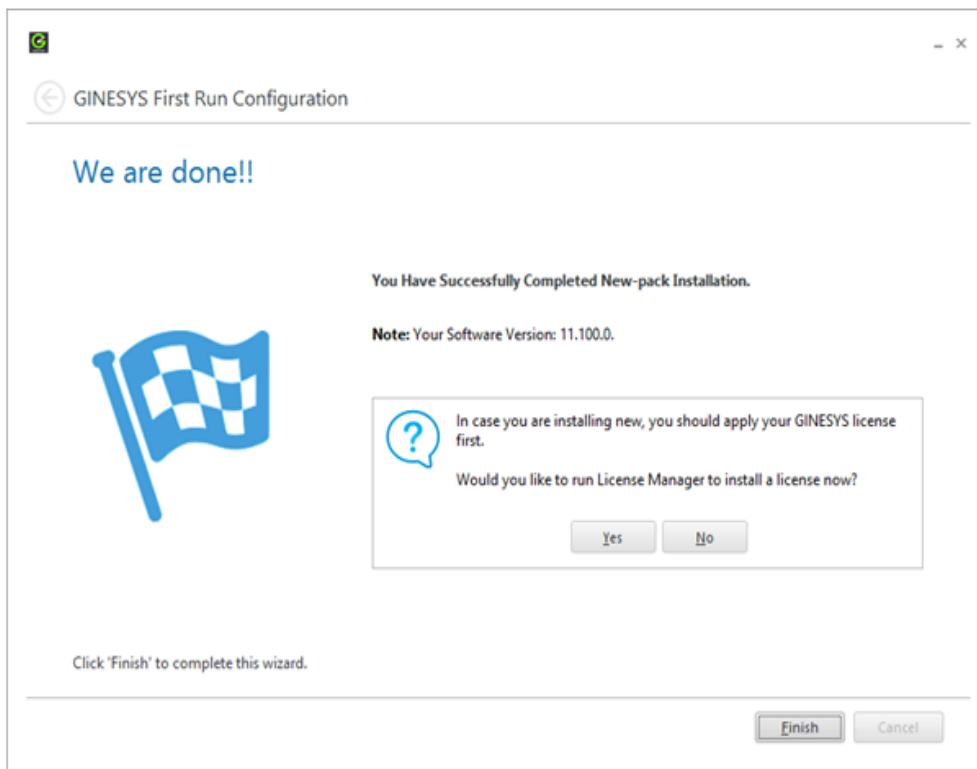
**Select a Pre-configured Data Template**

Select Template:

Then the next step of Getting Started shows information about the installations made by it.



Finally, you get the completion screen, which prompts you to apply your GINESYS License and open the License Manager. Please click on “Yes” for a new installation and install the license. Click on the “Finish” button to complete the process and close the UI.



## **Workstation installation**

Since GINESYS runs on Client-Server architecture, it is necessary to carefully install the clients or workstations. Follow steps given below to successfully install them.

### **Back Office Work Station**

1. Take a backup of the Environment Variable Path.
2. Uninstall Ginesys WorkStation from Control Panel\All Control Panel Items\Programs and Features\uninstall Program.
3. Delete GSL folder from the GINESYS Workstation install path.
4. Uninstall old ODAC -- 64/32 bit.
5. Uninstall Oracle 10g client.
6. Install GINESYS
7. Restart the system.