



ARGUS
Developer™

Installation Guide

Release Version 5.00



ARGUS Software: ARGUS Developer Installation Guide

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ARGUS Developer was formerly known as CircleDeveloper.

ARGUS Development Budget was formerly known as CircleBudget.

Disclaimer

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Build date: 8 December 2009 5:25 pm

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CHAPTER 1

Introduction

Welcome to ARGUS Developer - congratulations for buying the world's premier software for use in the property and real estate development business.

ARGUS Developer contains many options and features, enabling a wide variety of methodologies to be employed as used in the global real estate market.

About this manual

This booklet is provided as an installation guide to enable you to get ARGUS Developer up and running.

The installation, use and application of the software is subject to the Terms and Conditions set out in the licence agreement, and opening the package constitutes acceptance of these terms. The licence agreement can be found in the program installation directory after you have performed an installation (PDF file). It is important to note that demonstration versions of the programs may not be used for actual business or financial gain, and the user is deemed to agree that the intended use of the software is for evaluation purposes only.

For further information about licensing, installation and use of the software, please contact ARGUS Software. See [“Contact Details” on page 53](#).

Further documentation about this product

In addition to this booklet, you will find full documentation in Acrobat PDF format, which is installed alongside ARGUS Developer in the program folder.

This includes the following documents:

- **ARGUSDeveloperInstallGuide.pdf** - This installation guide in PDF format.
- **ARGUSDeveloperStepbyStepGuide.pdf** - This is a simplified user guide to get you started quickly.
- **ARGUSDeveloperUserManual.pdf** - This is the main user guide, containing in-depth details of ARGUS Developer's functionality. The content of this manual is included in the help system, which you can call up at any time with the F1 key.
- **Calculations Manual.pdf** - This is a guide to the main calculation methods employed in ARGUS Developer.

CHAPTER 2

Setting Up

The purpose of this chapter is to walk you through the steps of the installation process.

ARGUS Developer system requirements

Before installing ARGUS Developer, ensure that the following minimum requirements are satisfied:

IBM-compatible PC or laptop with:

- Memory: At least 512 Mb of RAM (1 Gb for Vista);
- Processor: 1 GHz processor (or faster);
- Display: SuperVGA 1024 x 768 colour monitor or better;
- Windows operating systems 2000, XP, Vista.

Note: Please note that ARGUS Software is unable to support programs running on Windows 95, 98 or Me.

Disk Space:

ARGUS Developer requires at least 60 megabytes of hard disk space for program installation.

In addition, you will need the following:

Browser Requirement:

- Internet Explorer 6.0 or higher;
- Firefox 2.0.0.8 or higher.

Microsoft Excel Export and Import Requirement:

- MS Excel 2002 or higher.

Server Requirements

ARGUS Developer does not require a server to run, but it can be installed on one to support multiple concurrent workstations. Most of the processing takes place on each workstation. The following is the minimum specification for a server:

- Memory: At least 512 Mb of RAM (1 Gb for Vista);
- Processor: 1 GHz processor (or faster);
- Display: SuperVGA 1024 x 768 colour monitor;
- Hard Drive: At least 60 megabytes of hard disk space;
- Server operating system: Windows Server 2000, Windows Server 2003.

Application hosting using Citrix or Terminal Services

With a Citrix or Terminal Services hosting set-up, all of Developer's processing runs on the server itself. During use, the client workstations just see a "picture" of the data calculations - in other words, no calculations run on the client workstations.

This means that for successful scalability, you will need a server that will have the memory and processor power to handle the demands of the software.

Developer will run when used with Citrix or Terminal Services, but please bear in mind the following:

Disclaimer: Although the application will run successfully in a Citrix/Terminal Services environment, formal testing of the application in such an environment has not been undertaken. ARGUS Software can take no legal responsibility for any problems that arise from this use of the application. If issues arise that pertain to your Citrix/Terminal Services environment, please refer to that third-party product's documentation or manufacturer for guidance.

Compatibility with Citrix

Because of the complexity of Citrix software and the variety and permutations of network types, ARGUS is unable to provide support for Citrix or networks. Support concerning the use of working programs for valuations and appraisals is unaffected by the configuration type.

Developer is not certified to work under Citrix. However, many of our clients have installed and run ARGUS software using Citrix in two main configurations described in greater detail below.

Creating and maintaining a Citrix network takes a reasonable level of expertise and should only be undertaken if you have previous experience. Although ARGUS will provide guidance where possible, networks and Citrix configurations are the responsibility of the client company.

What is Citrix?

Citrix software provides users with a means to manage their data and applications across departments, offices and worldwide sites. Although this can be achieved using more traditional network configurations, these networks may be restricted by the speed of the network links, especially where the client computer is communicating with a server in another office or country.

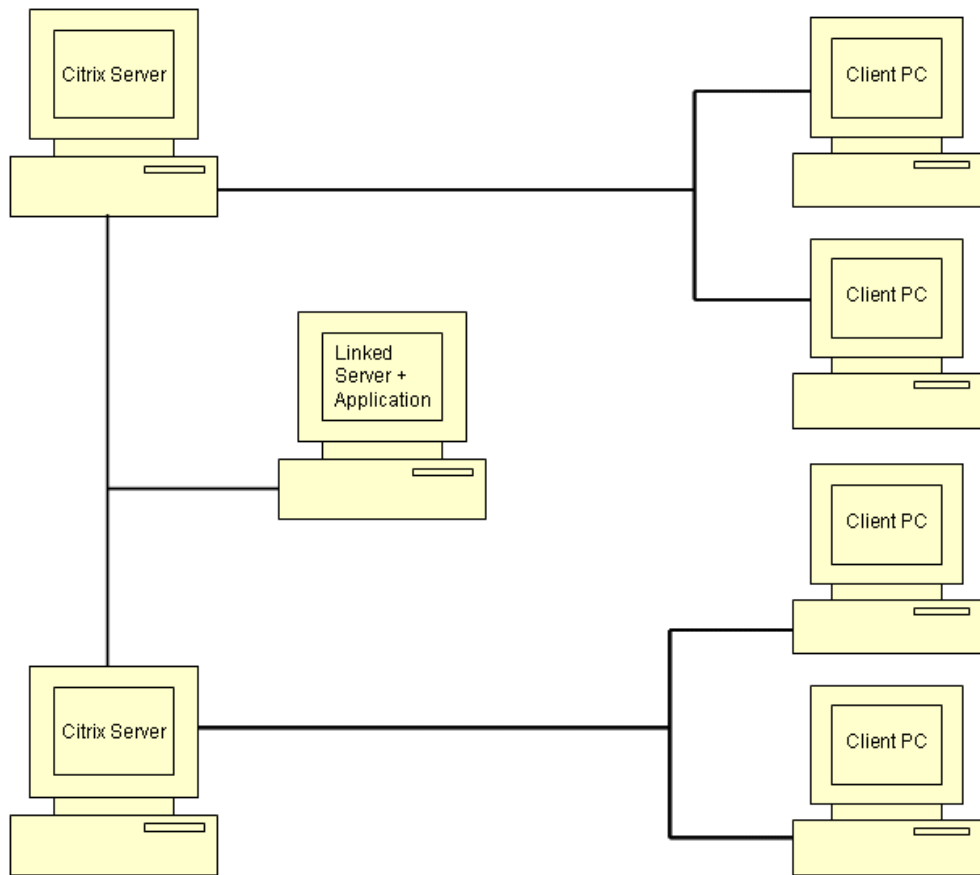
The principle behind Citrix is that the computer processing is done remotely. The application program is housed on the Citrix server or an optional, linked server with a fast (normally local) connection with the Citrix server. Since all the "thinking" is done centrally, the client computer need only send user inputs to the Citrix server and view the results as they appear. The client computer is not involved in database updates or recalculations, and the speed and dependability of the link between the client computers and the central servers becomes less critical.

Example: A person is using a client computer and changes some data in an input field. When they click into another input field, the client computer informs the Citrix server of the change. The Citrix or application servers then perform various calculations and the resulting picture of the screen is fed back to the client computer. This picture will show the end result of a calculation.

- Citrix software is normally installed on a server running Microsoft Windows 2000 or 2003 Server.
- The processing is run centrally and the application program may not be able to "see" or use hardware attached to the client computer such as local hard disks or printers.
- Citrix allows individual applications to be run locally, on the client computer, or remotely as described above.

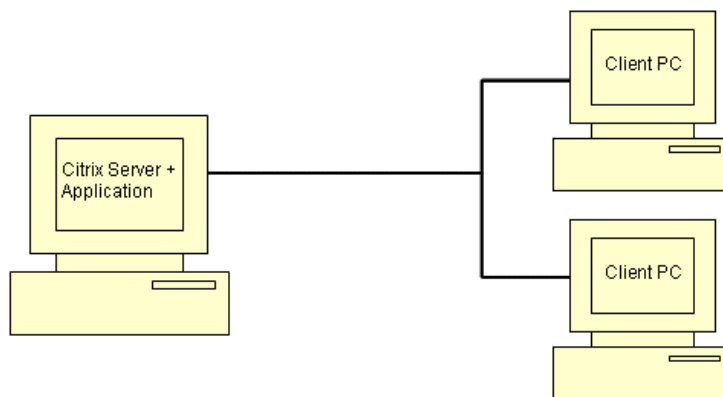
Installing to a Linked Server

Install Developer onto a server linked to the Citrix server. Create a mapped drive on the Citrix server to the installation folder on the linked server. Then, run the client install on each Citrix server.



Installing onto the main server running Citrix XP

Install Developer onto the Citrix Server and create a mapped drive on all client computers to the installation folder. Run the client install on each client computer.



Standard hints

The hints below relate to both installation types:

- Use mapped drives for the client install; UNC paths will not work.
- Do not bury the application too deeply - try to avoid more than three mapped levels plus the `devwin.exe` application name.
- Avoid using long address names when mapping to the application. Spaces appearing in address names could potentially cause problems, although this is less likely with recent versions of operating systems.

- The client computers or Citrix server (depending on your configuration) must have read and write access to the installation folder.

Specific installation instructions for a Linked Server share

Follow the instructions as described in “[Installing ARGUS Developer on a Network](#)” on page 23, and use the following guidelines:

1. In the `%systemroot%\system32\usrlogn1.cmd` file on the Citrix server, add a line to map a drive letter to the share on the Linked server.
2. On the console of the MetaFrame server, map the same drive letter to the share on the Linked server.
3. Put the Citrix server into “install” mode and install the application to the mapped drive folder, as described in the above PDF document.
4. Go through the ARGUS Developer licensing procedure.
5. For project file backup purposes, while still in “install” mode, change the default file save locations in Developer to a mapped drive on a share on a file server. This is done by opening Developer and going to **File | Administration | System Configuration**. Click the Data File Locations tab, and change the User Data Folder location to a drive that is backed up regularly.
6. Put the server into “execute” mode.
7. When publishing the application, manually type the mapped path to the `devwin.exe` executable in the ARGUS share.

Application hosting using a WAN

With a WAN hosting set-up, the server is essentially used as a program and data store. Developer is installed on the server, but all the processing runs on each client workstation. During use, the client workstations perform all the calculations.

This means that for successful scalability, you will need a WAN with sufficient bandwidth to handle the demands of the software.

Developer will run when used with a WAN, but please bear in mind the following:

Disclaimer: Although the application will run successfully in a WAN hosting environment, formal testing of the application in such an environment has not been undertaken. ARGUS Software can take no legal responsibility for any problems that arise from this use of the application. If issues arise that pertain to your WAN hosting environment, please refer to that third-party product’s documentation or manufacturer for guidance.

Installing the software

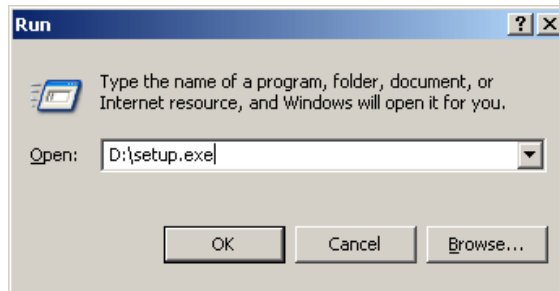
Ensure all applications are closed.

Note: Before you install ARGUS Developer, you must ensure that you have the appropriate Windows access privileges to install new programs. See your system administrator for details or read the user accounts section of Microsoft’s documentation for your operating system if you are not sure.

If you have a CD:

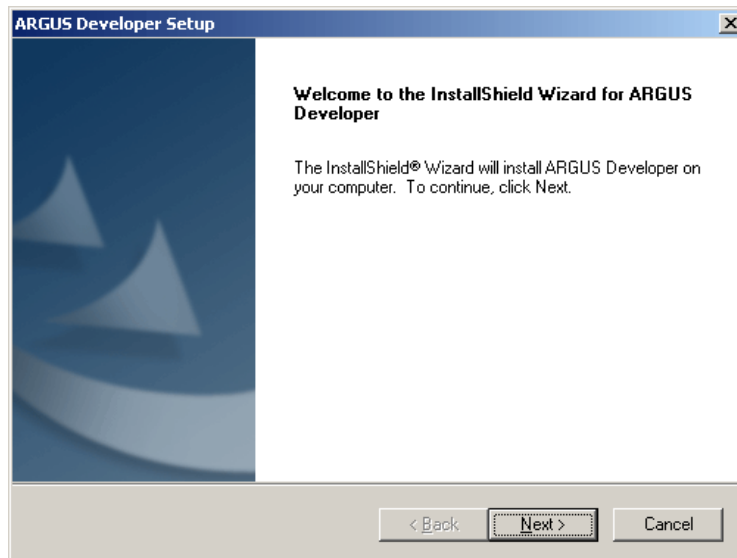
Place the CD in the CD-ROM drive and the installation program should open automatically. If it does not, click the Windows **Start** menu button and click **Run**. Type your CD drive letter + colon + back slash and then type `SETUP.EXE`.

See the example below where “D” is the drive containing the CD:



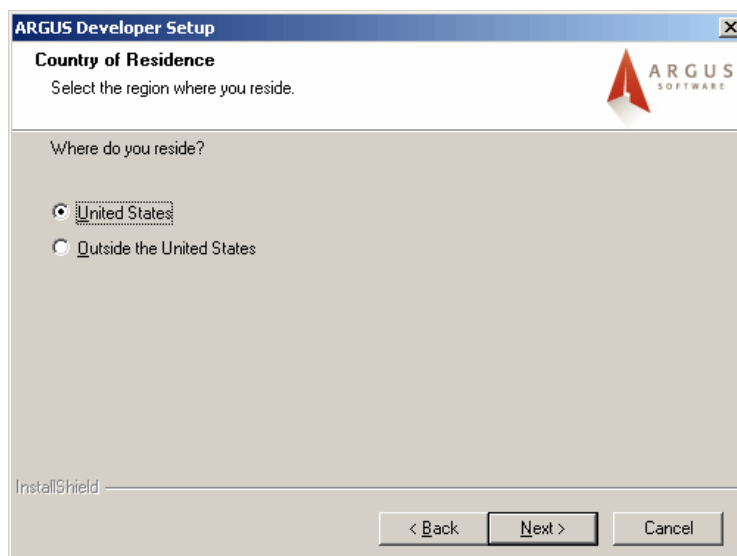
Run dialog

The installation wizard will open and will guide you through the install procedure:



Installation wizard

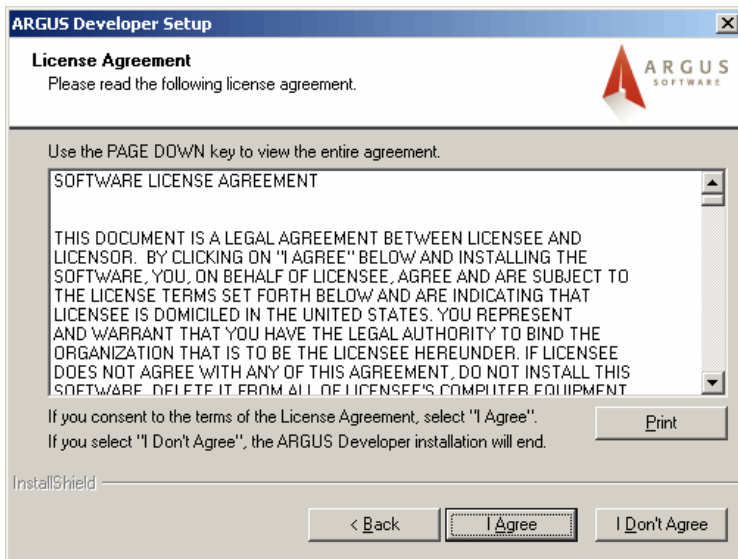
Click on the **Next >** button to proceed. Please wait until you see the following message:



Select your country of residence

Select the appropriate country of residence from the options presented here.

Click on the **Next >** button to proceed. Please wait until you see the following message:

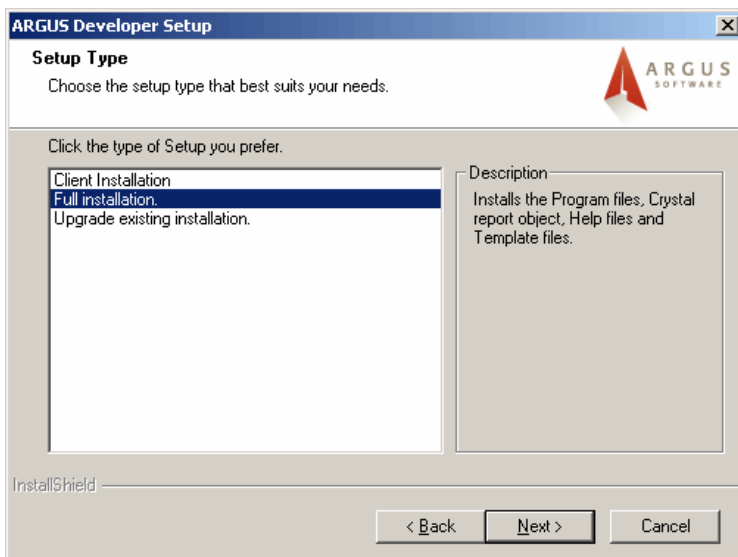


Software licence agreement

Please read the software licence agreement carefully before you proceed. The example shown above is for a US installation - you may see something different if you are installing a version for a different country.

If you accept the terms of the licence, click on the **Yes** button to proceed.

You will be prompted to choose the type of installation that you require:



Select the setup type

- **Client installation** – select this option if you are installing a copy that will be used as a client in a multi-user environment where a full installation of the program is on a network server (see also **“Installing ARGUS Developer on a Network” on page 23**).
Note that before you start installing any client machines, you must have already done a full installation on a network server - this is so that all clients can be mapped to the server installation.

- **Full installation** – select this option if you are installing the system for a stand-alone installation, or for an installation that will be used on a network server in a multi-user environment.
- **Upgrade existing installation** – select this option if you wish to upgrade from any version of Developer (2.06 or higher) to version 4.05.

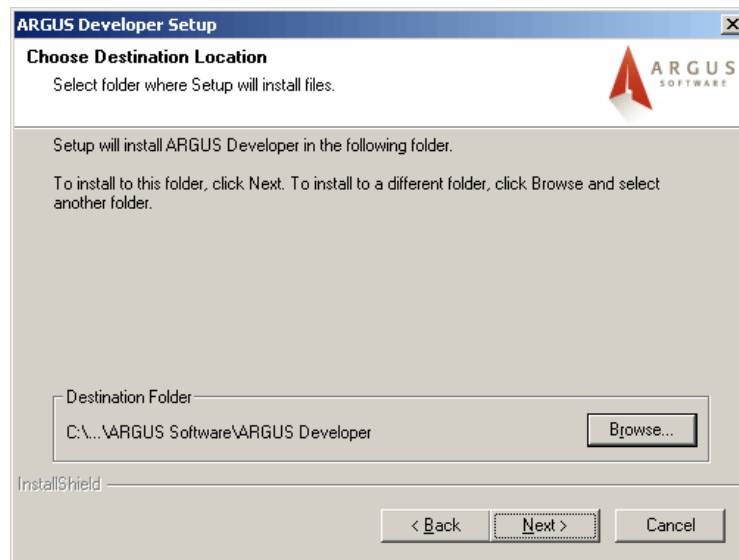
Select the appropriate option from the list and click on the **Next >** button to proceed.

Please see “**Client installation**” on page 17, “**Full installation**” on page 9 and “**Upgrade installation**” on page 13 for further installation details.

Full installation

If you choose to do a full installation, the procedure will be as follows:

The installation wizard prompts you to enter details of an installation folder for ARGUS Developer:



Enter details of an installation folder

The default set-up directory is:

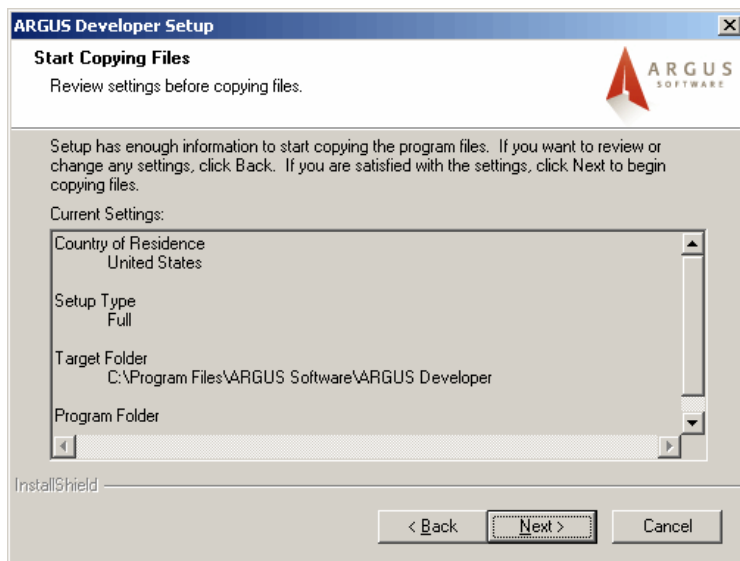
C:\Program Files\ARGUS Software\ARGUS Developer.

Browse to a location where you wish to install ARGUS Developer - you can change the pathname using the **Browse** button.

If you are installing onto a network server (in order to install ARGUS Developer for use in a multi-user environment) use the Browse utility to change this path to the network drive letter and directory in which you want to install ARGUS Developer (for example K:\ARGUS Developer).

Click on the **Next >** button to proceed.

You will be prompted to review and confirm the installation:

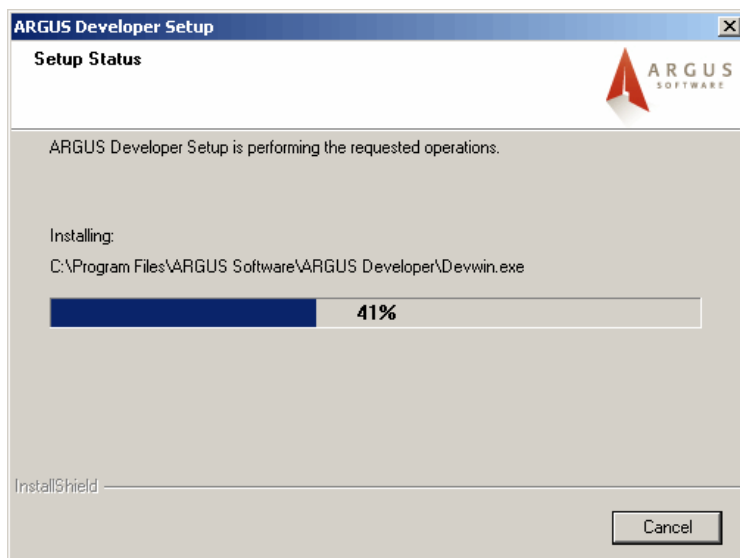


Review and confirm the installation

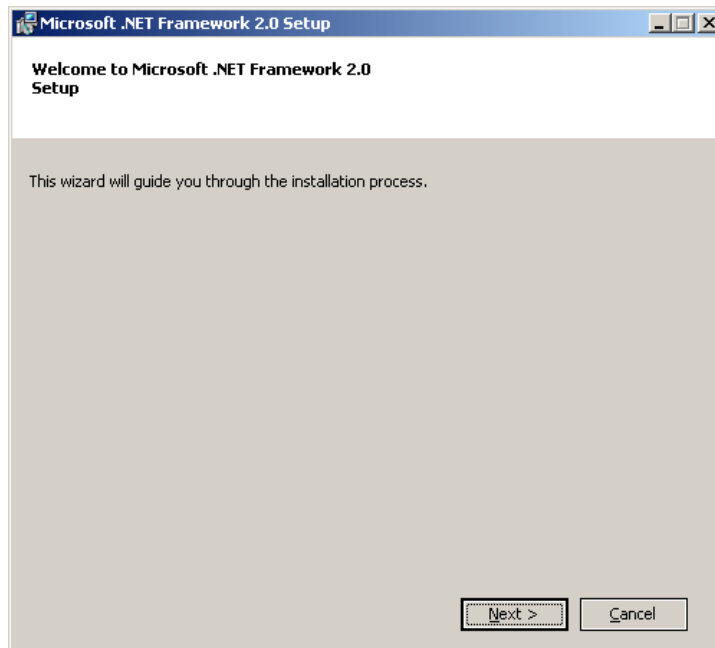
The example shown above is for a US version - if you are installing a version for a different country, you will see a different country of residence listed here.

To confirm the installation, click on the **Next >** button to proceed.

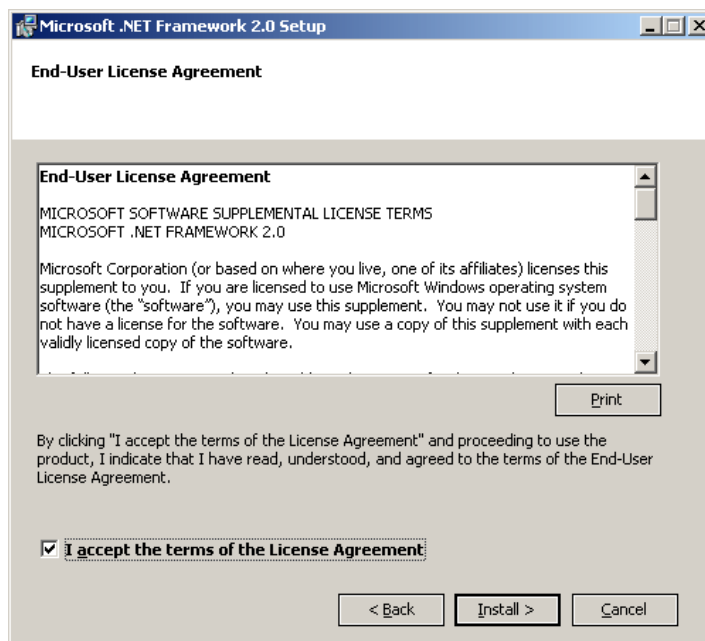
The installation will commence, and the progress will be displayed:



If you do not already have .NET 2.0 installed on your computer, a .NET installation wizard will open to guide you through the process:

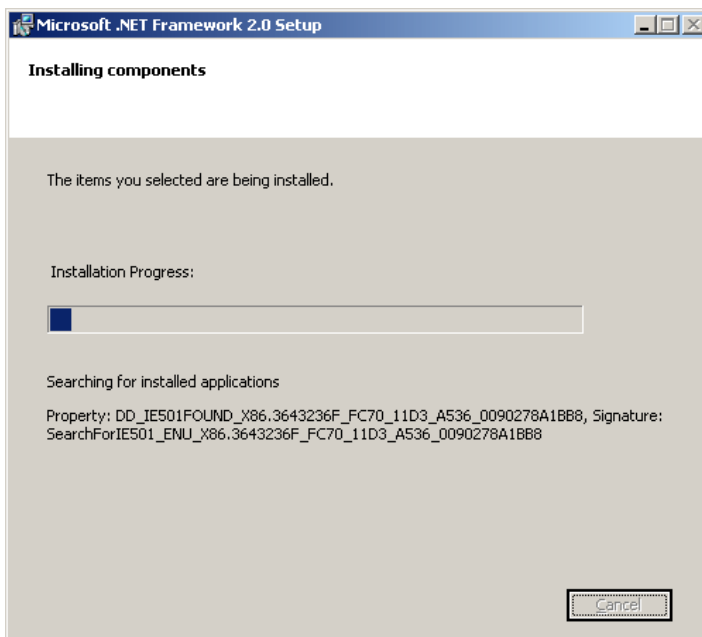


Click the **Next >** button to proceed. A licence agreement will be displayed:



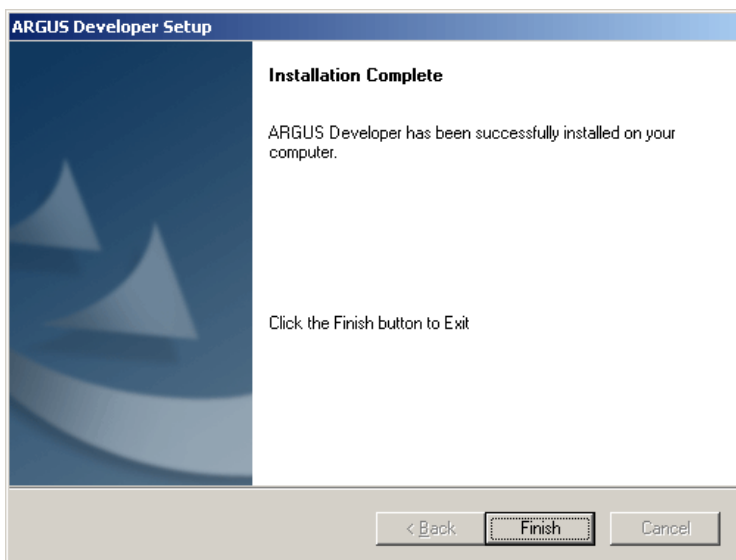
You are advised to read the terms of the end-user licence agreement.

Check the **I accept the terms of the License Agreement** box and click on the **Install >** button. The wizard will proceed with the installation process:



Note: This part of the installation process may take some time.

When the installation has finished, you should see the following message:



Close down the wizard

Click on the **Finish** button to close down the installation wizard.

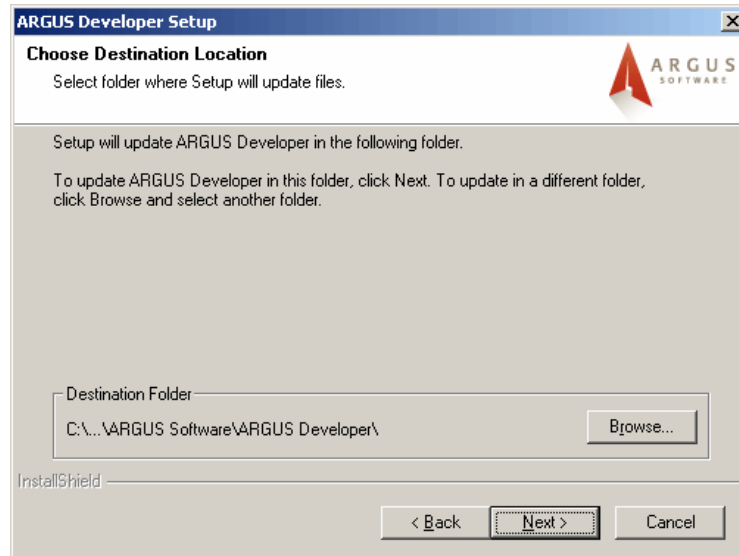
You should now proceed to activate ARGUS Developer. Please see [“Activating your Licence” on page 25](#) for instructions on how to activate your licence.

Upgrade installation

Note: Before you begin an upgrade installation, ensure you have a full backup of the Data, Report and Template folders. All users must be logged out of the program before you proceed.

If you choose to do an upgrade installation, the procedure will be as follows:

The installation wizard prompts you to enter details of an installation folder for ARGUS Developer:

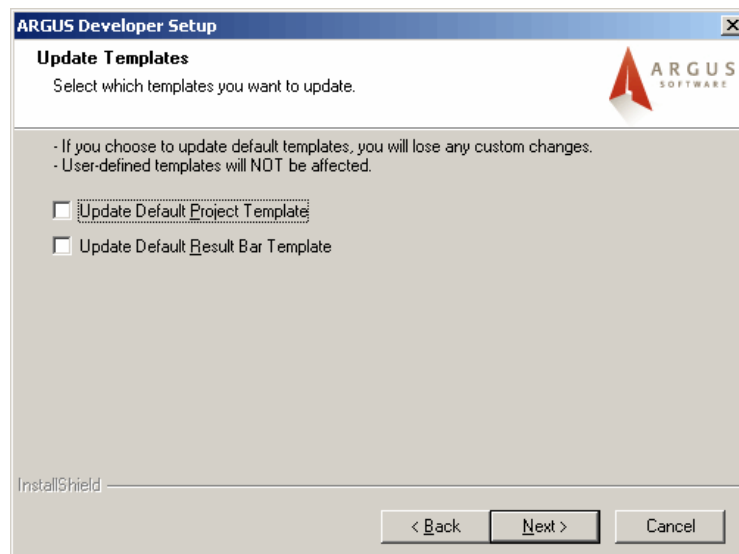


Enter details of an installation folder

Browse to the location of the ARGUS Developer installation that you wish to upgrade - you can change the pathname using the **Browse** button.

Click on the **Next >** button to proceed.

You will be asked whether you wish to update your current Default Project Template or Results Bar Template (note that if you are outside the US/Canada, you may also see an extra option relating to Stamp Duty Templates):



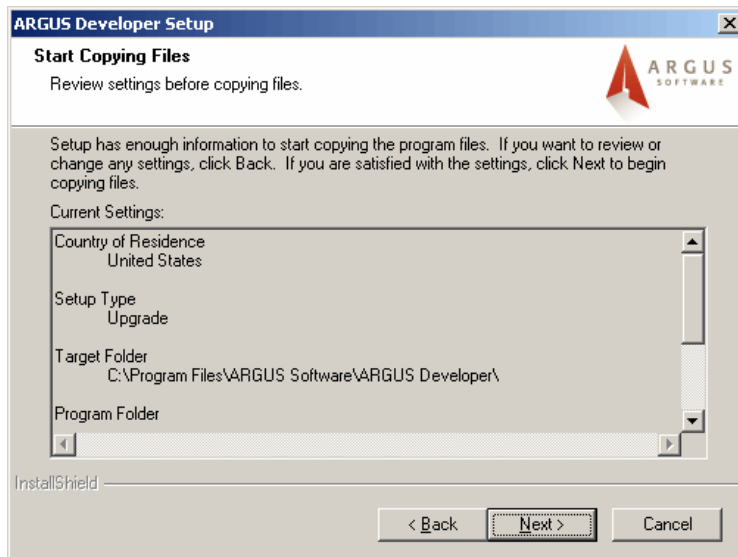
Prompt asking if you wish to update your default templates

Note: If you have customised your project template by changing default assumptions and/or linking in caveats these will be overwritten if you choose to update the template.

If you do not select any check boxes, the installation will proceed without updating the templates. If you select either of the check boxes, the appropriate templates will be overwritten.

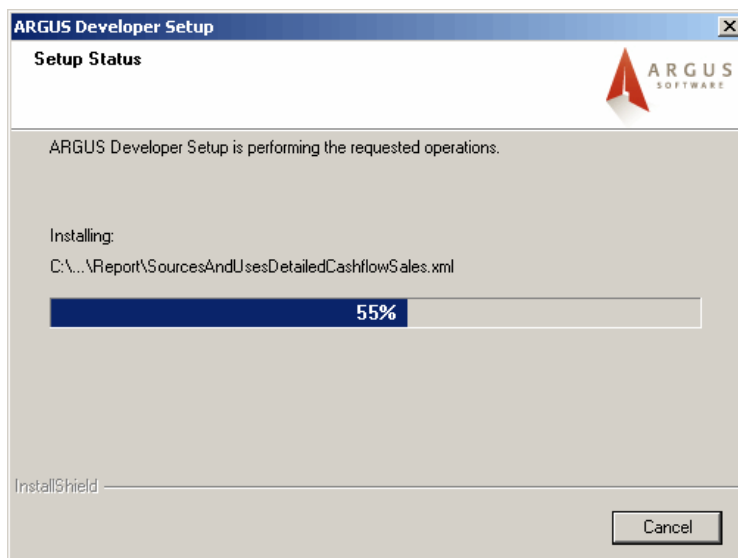
Click on the **Next >** button to proceed.

You will be prompted to review and confirm the installation:

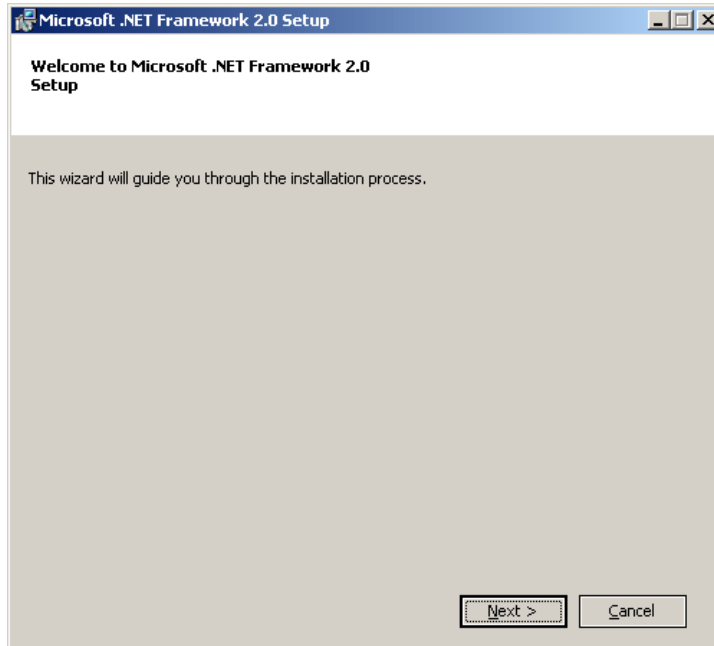


Review and confirm the installation

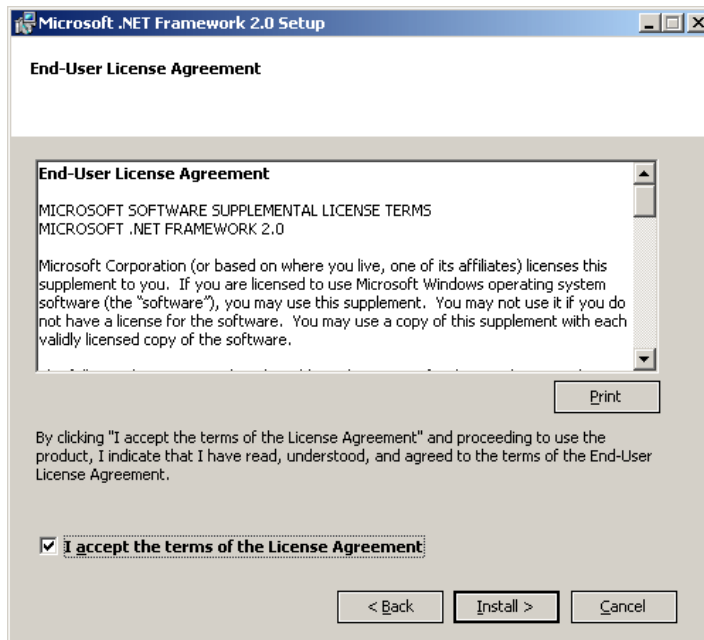
To confirm the installation, click on the **Next >** button to proceed. The installation will commence, and the progress will be displayed:



If you do not already have .NET 2.0 installed on your computer, a .NET installation wizard will open to guide you through the process:

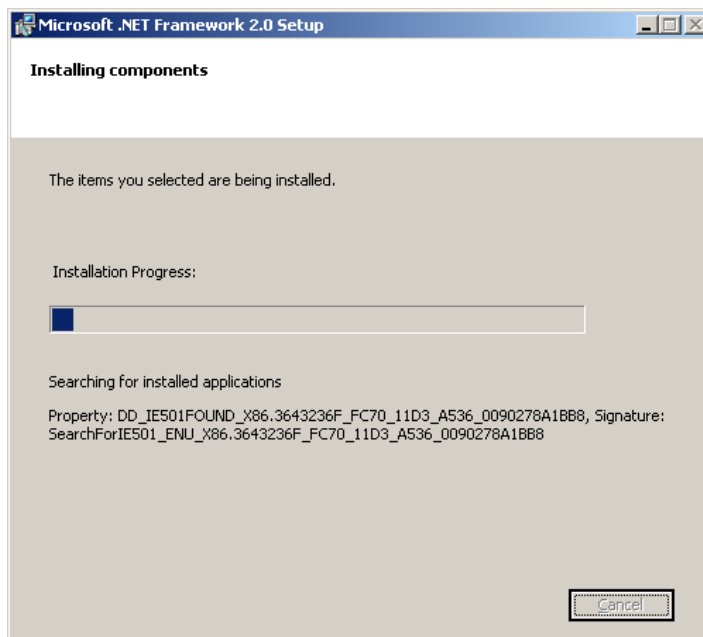


Click the **Next >** button to proceed. A licence agreement will be displayed:



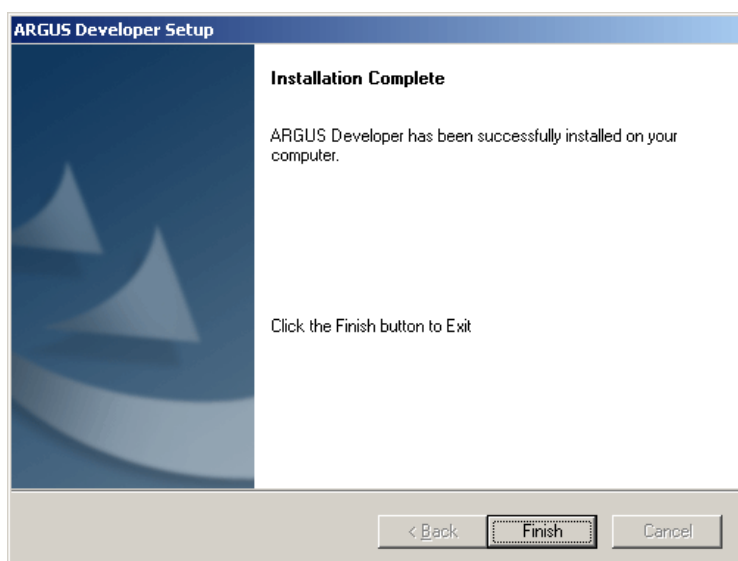
You are advised to read the terms of the end-user licence agreement.

Check the **I accept the terms of the License Agreement** box and click on the **Install >** button. The wizard will proceed with the installation process:



Note: This part of the installation process may take some time.

When the installation has finished, you should see the following message:



Close down the wizard

Click on the **Finish** button to close down the installation wizard.

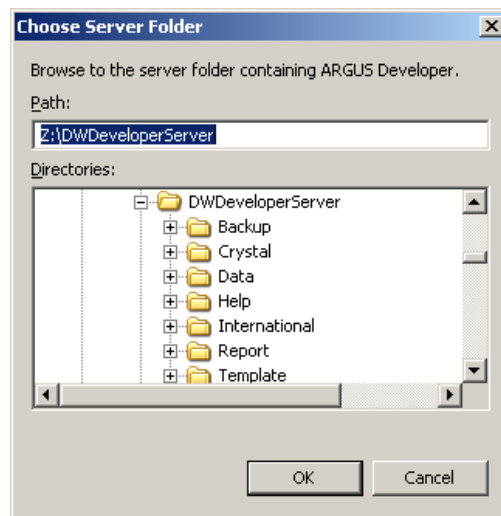
Note: You will not need to activate the installation if you have upgraded. The upgrade process does not affect your licence, and when the upgrade installation is complete, you can proceed to use ARGUS Developer immediately.

Client installation

Note: Before you begin, ensure that a full installation of ARGUS Developer has been set up on a network fileserver. This will be the server version of ARGUS Developer to which the client will connect. See “Installing ARGUS Developer on a Network” on page 23 for further details of this procedure.

If you choose to do a client installation, the procedure will be as follows:

The installation wizard prompts you to enter details of the installation folder for the ARGUS Developer server:

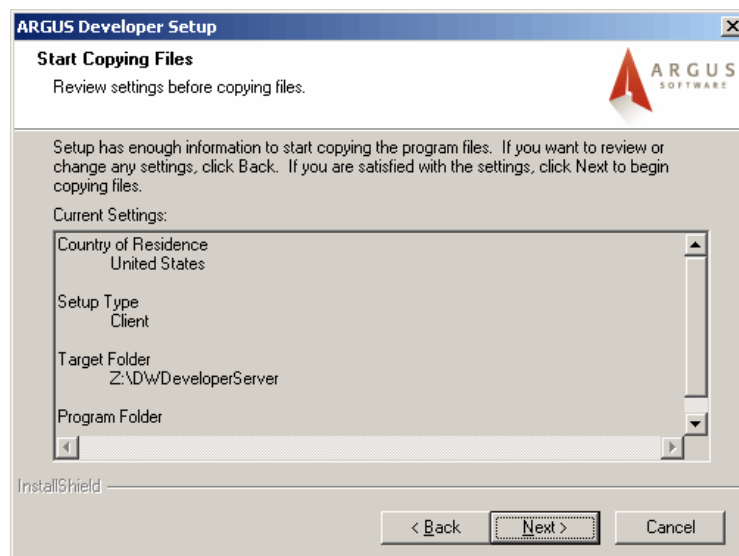


Enter details of the server’s installation folder

Use the **Browse...** button to browse to the filename and path of the ARGUS Developer program installed on the network fileserver. **Please ensure that all client machines that you set up share the same mapped drive letter and path to the server installation.**

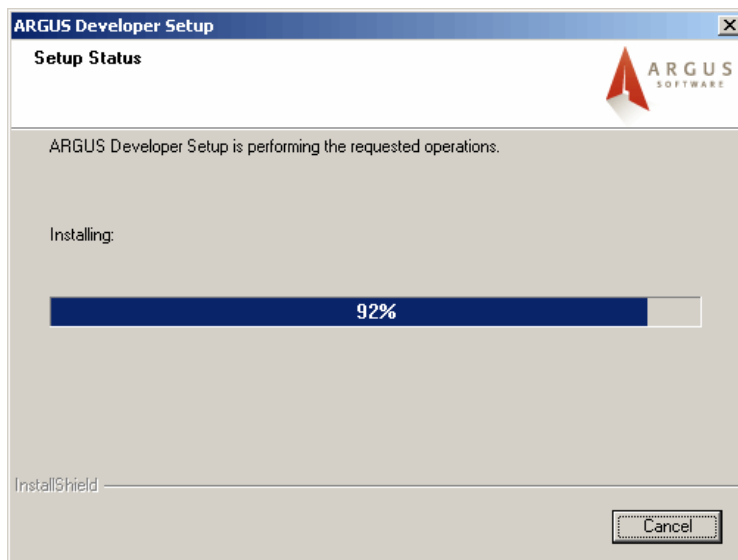
Click on the **OK** button to proceed.

You will be prompted to review and confirm the installation:

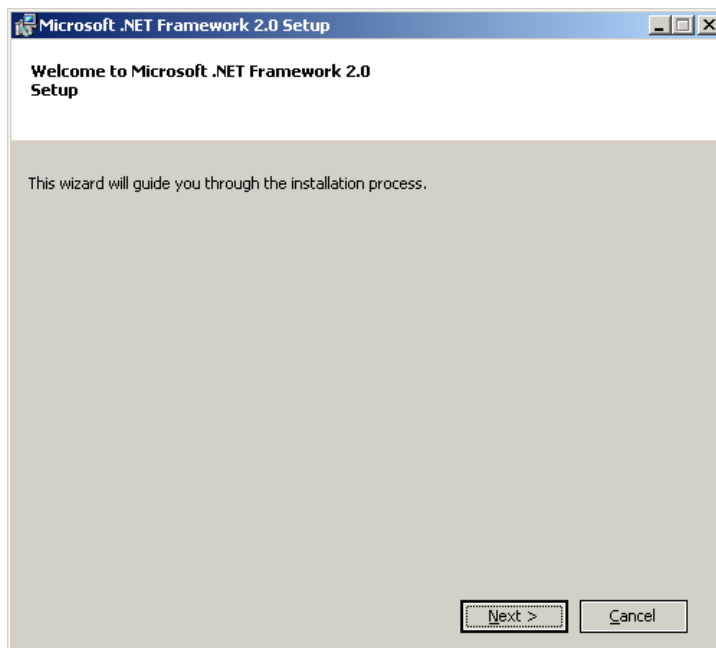


Review and confirm the installation

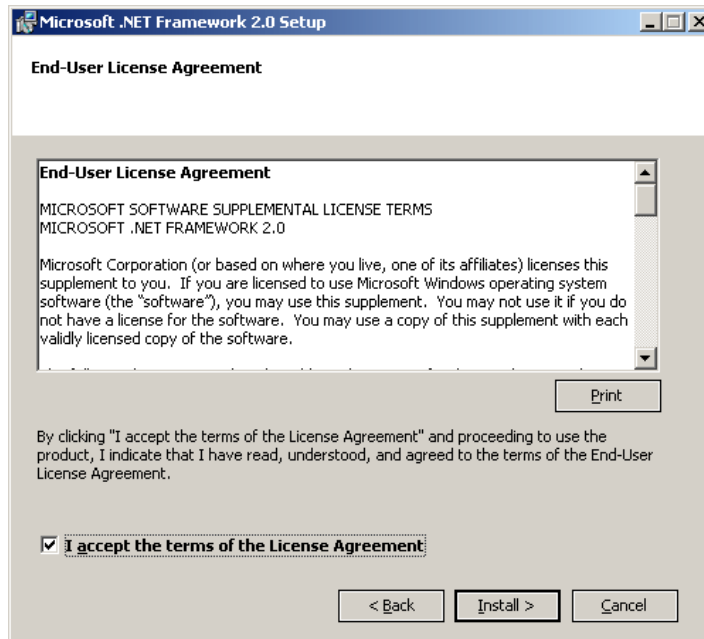
To confirm the installation, click on the **Next >** button to proceed. The installation will commence, and the progress will be displayed:



If you do not already have .NET 2.0 installed on your computer, a .NET installation wizard will open to guide you through the process:

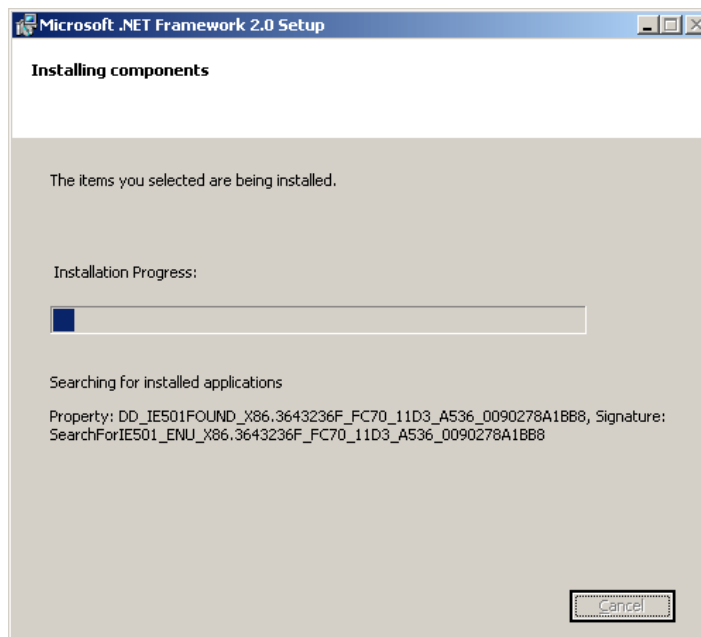


Click the **Next >** button to proceed. A licence agreement will be displayed:



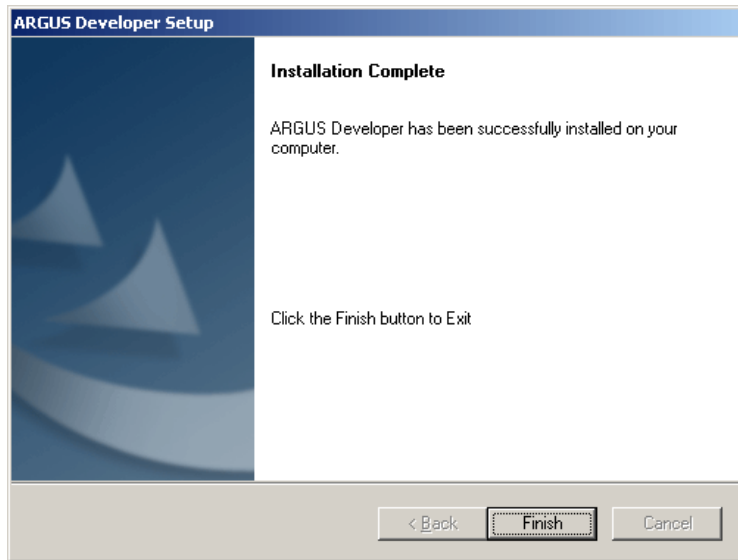
You are advised to read the terms of the end-user licence agreement.

Check the **I accept the terms of the License Agreement** box and click on the **Install >** button. The wizard will proceed with the installation process:



Note: This part of the installation process may take some time.

When the installation has finished, you should see the following message:



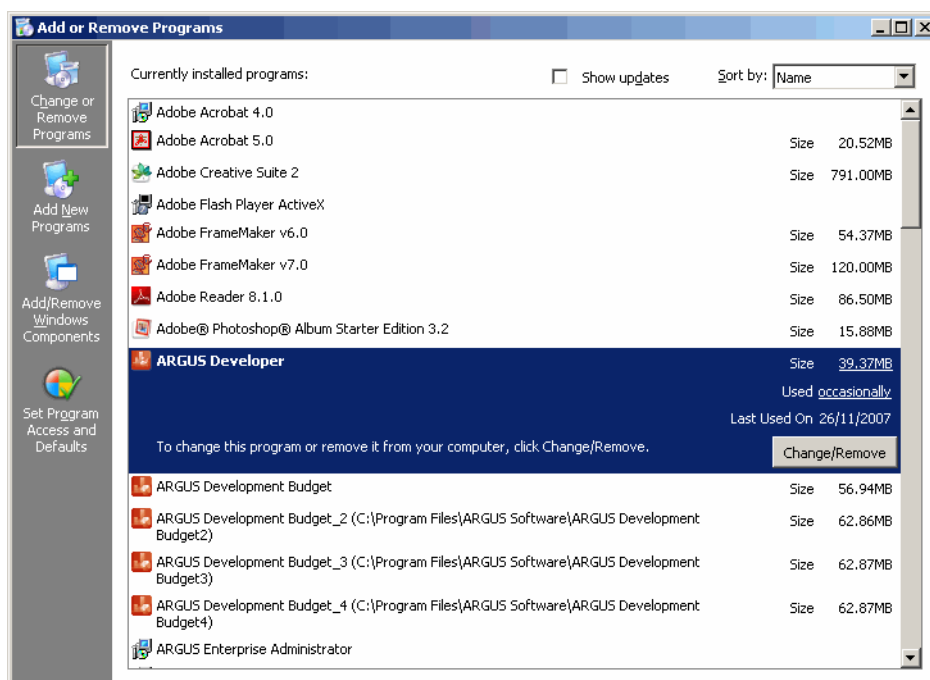
Close down the wizard

Click on the **Finish** button to close down the installation wizard.

If you have not yet activated your installation, you will need to do so now. You should activate the licence from the client machine (see [“Activating your Licence” on page 25](#)). To do this, you only need to activate the licence once - any other client installs you set up will then automatically be able to access the fileserver installation.

Uninstalling the Software

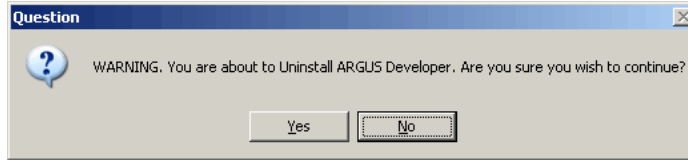
If you need to uninstall the ARGUS Developer software, open the Windows Control Panel from the **Start** menu, and use the **Add or Remove Programs** facility:



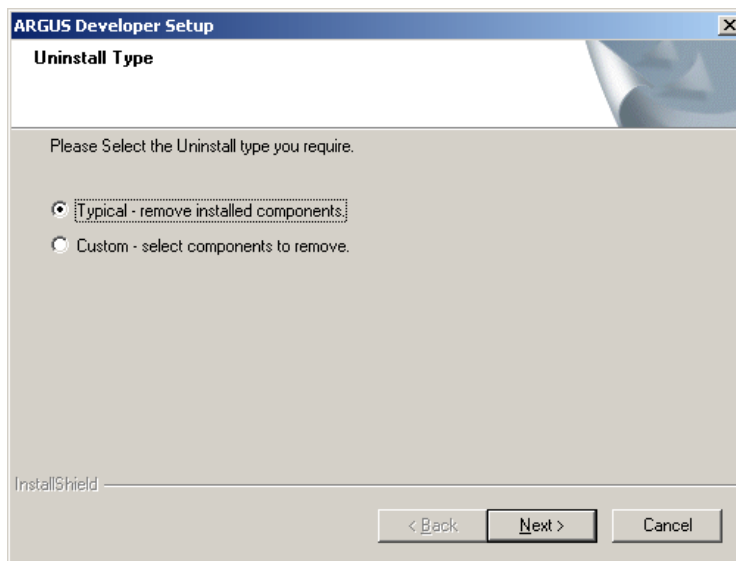
Add or Remove Programs list

Select the appropriate **ARGUS Developer** entry in the list.

Click on **Change/Remove** and then click on **Yes**. The software will begin the uninstallation process. You will be asked to confirm the process:

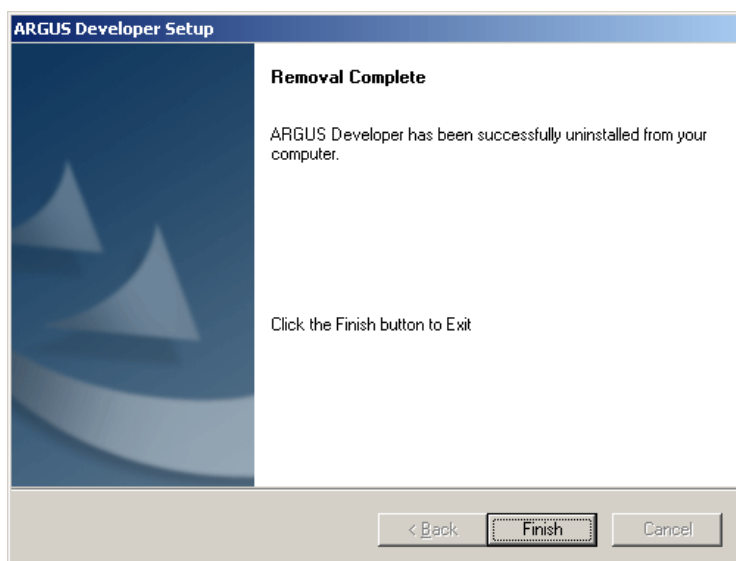


If you wish to proceed, click on **Yes**. You will be prompted to specify whether you wish to uninstall the entire application, or specific components:



Choose the type of uninstall

Select the appropriate option and click on **Next >>** to proceed. A message like the following will be displayed:



Uninstallation finished

Click on **Finish** to close down the uninstallation program.

Note: The uninstall process will not remove any existing ARGUS Developer data files, template files, stamp duty files or cost code files.

Warning: If you want to uninstall a client, you must ensure that the client machine is disconnected from the network - this is a precaution to prevent you from accidentally uninstalling the installation on the server.

Starting ARGUS Developer for the first time

You can start ARGUS Developer by double-clicking the ARGUS Developer icon on the desktop:



or by browsing to the installation folder and double-clicking on ARGUS Developer.exe.

When you try to run the program for the first time you will be prompted to enter an activation code. Please see [“Activating your Licence” on page 25](#) for instructions on how to activate your licence.

Note: You will find a full user manual and a copy of this installation guide in Adobe Acrobat PDF format have been installed alongside ARGUS Developer in the program folder.

CHAPTER 3

Installing ARGUS Developer on a Network

This section provides additional information that is required if you wish to set up ARGUS Developer for use in a client-server configuration over a network. This information is primarily aimed at network administrators.

Please also refer to the following information:

- The procedure for installing ARGUS Developer is described in [“Full installation” on page 9](#).
- The procedure for upgrading an installation of ARGUS Developer is described in [“Upgrade installation” on page 13](#).
- The procedure for installing a ARGUS Developer client is described in [“Client installation” on page 17](#).

Summary of installation actions to perform

Setting up ARGUS Developer on workstations is a two-step process:

- **Fileserver installation** - First, complete a full installation of ARGUS Developer onto the fileserver (see [“Full installation” on page 9](#) for further details). Note that the licence should be activated from a client machine.
- **Client installations** - Then, set up each workstation for use as a client by running a client installation (see [“Client installation” on page 17](#) for further details).
Once you’ve installed a client, you can activate the licence from the client machine (see [“Activating your Licence” on page 25](#)). To do this, you only need to activate the licence once - any other client installs you set up on other machines will then automatically be able to access the fileserver installation.

Setting up ARGUS Developer on a network file-server

ARGUS Developer has been tested on the following networks:

- Novell Netware 3.1x, 4x and 5x;
- Windows NT v3.5 and v4.0, Windows 2000, 2003 and XP.

Users on networks can share the ARGUS Developer program and data files. Once ARGUS Developer has been installed on the network, a workstation user can connect to the program using the client installation.

Before you set up ARGUS Developer on a fileserver, check the following:

- The network must be operational, and you must have read, write, create, modify and delete privileges for the network directories in which you want to install ARGUS Developer.

- Windows operating system version 98SE/NT/2000/Me/XP/Vista must be installed on the workstation from which you will install ARGUS Developer and on any workstations that will run ARGUS Developer.
- You should determine the logical drive letter and network fileserver folder to which ARGUS Developer will be installed (for example, W:\Program Files\ARGUS Software\ARGUS Developer); if you wish to change this, browse to your preferred drive letter and folder on the fileserver.
- Ensure that the program is installed on a drive which can be accessed by all client machines.

Important note about network connections

Network connections are specified with a logical drive letter, such as F.

Universal Naming Convention (UNC) paths of the form \\servername\folder cannot be used to install ARGUS Developer.

When performing the ARGUS Developer installation, if you are installing onto a network server use the Browse feature to change the path to the network drive letter and directory in which you want to install ARGUS Developer (for example W:\Program Files\ARGUS Software\ARGUS Developer).

Upgrading your server to a new version

If you already have a copy of the ARGUS Developer program on your fileserver and want to upgrade to a later version, you should first perform the following procedure:

- Before commencing an upgrade, please ensure that the installation on the fileserver is not running.
- Close down all client installations that are running.
- Take a backup of the Data folder in the ARGUS Developer installation folder.
- If you have any custom Crystal Reports or custom Templates, take a backup of these before proceeding with the upgrade.

After you have done this, you can perform the upgrade installation as described in [“Upgrade installation” on page 13](#).

CHAPTER 4

Activating your Licence

Before you can use your copy of ARGUS Developer, you should have completed a successful installation, and you should now proceed to activate your licence.

Activation is a necessary stage that you must complete in order for your installation of ARGUS Developer to be used. The process takes just a few minutes, and can be done via telephone or an Internet connection.

Activation procedure

When you try to run the program for the first time (by double-clicking on the ARGUS Developer icon on the Windows desktop), you will be prompted to enter an activation code and serial number. If you do not have your activation code or serial number, please contact your ARGUS sales representative or the ARGUS Support line.

Note: If you are setting up ARGUS Developer for use in a client-server configuration over a network, the licence should be activated from one of the client machines.

When you launch the program, the following screen will appear:

ARGUS Developer activation dialog

Type your company name into the **Company Name** field exactly as it appears in the correspondence from ARGUS Software.

Enter the **Serial Number** and **Activation Code** into the appropriate fields. Take care to enter these exactly as supplied by ARGUS Software. The serial number may be called **Product Key** in the correspondence you receive.

Choose the type of activation you wish to use, by selecting either of the **Activate through Internet** or **Activate by Phone** option buttons.

Step 1 - Enter Your Company Name.

Step 2 - Enter the Serial Number and Activation Code provided to you by ARGUS Software.

Step 3 - Select your location.

Step 4 - If you have an Internet connection, select **Activate through Internet**. If you do not have Internet access, select **Activate by Phone**.

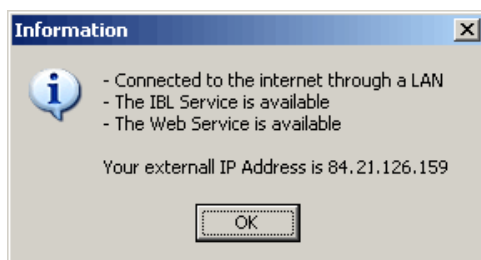
Now, proceed with the activation as described in **“Activation by Internet” on page 26** or **“Activation by phone” on page 30**.

Activation by Internet

To choose this activation method, select the **Activate through Internet** option button.

If you are not sure whether your PC is currently connected to the Internet, click on the **Detect internet connection status** link.

If you are currently connected, a message similar to the following will be displayed:



Displaying your connection status

If you are unable to connect to the Internet, you can choose to activate your licence by phone. See **“Activation by phone” on page 30** for further details.

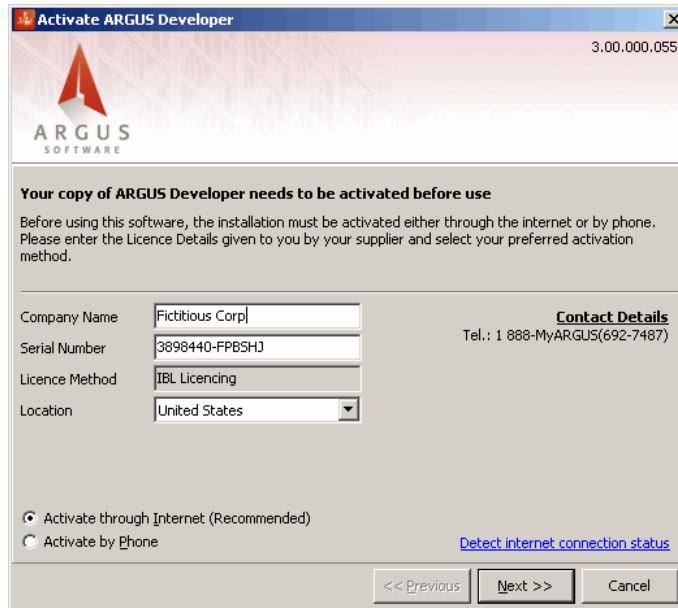
Click on the **OK** button to close down the message. You will be returned back to the activation dialog.

Click on the **Next >>** button to proceed.

From this point onwards, the activation wizard will select one of two activation methods (Web licensing or IBL licensing), according to the type of product activation key/serial number you have input:

Activation with IBL

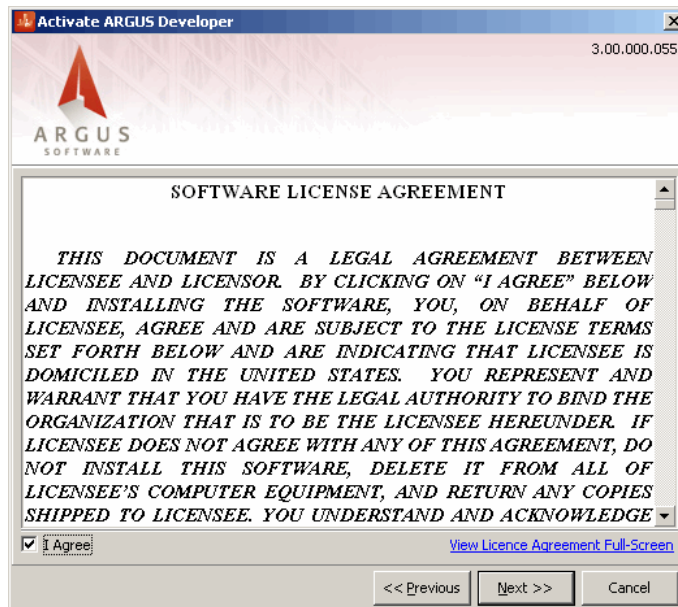
If you have input a certain type of **Product Key**, you may see the following:



IBL activation

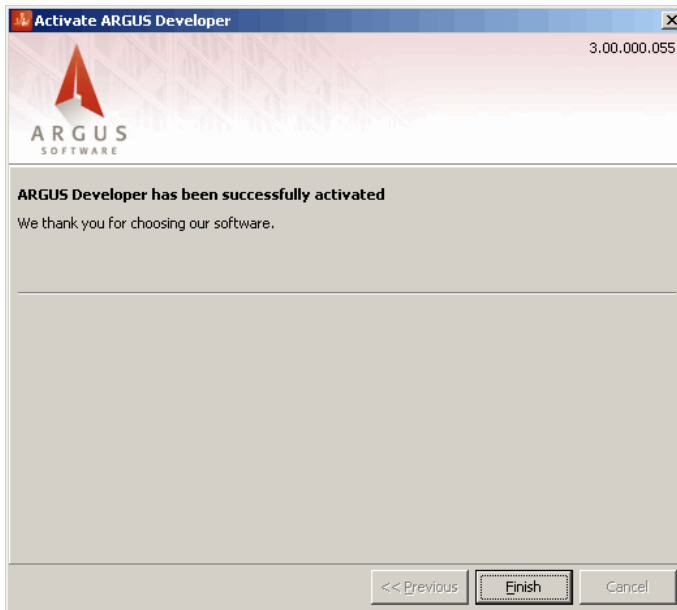
This means that you have a product key/serial number which uses IBL (Internet-Based Licensing).

Click on the **Next >>** button to proceed. A licence agreement will be displayed:



Example of a licence agreement

Check the **I Agree** box and click on the **Next >>** button to activate your licence. You will receive a message to confirm that it has been successfully activated:

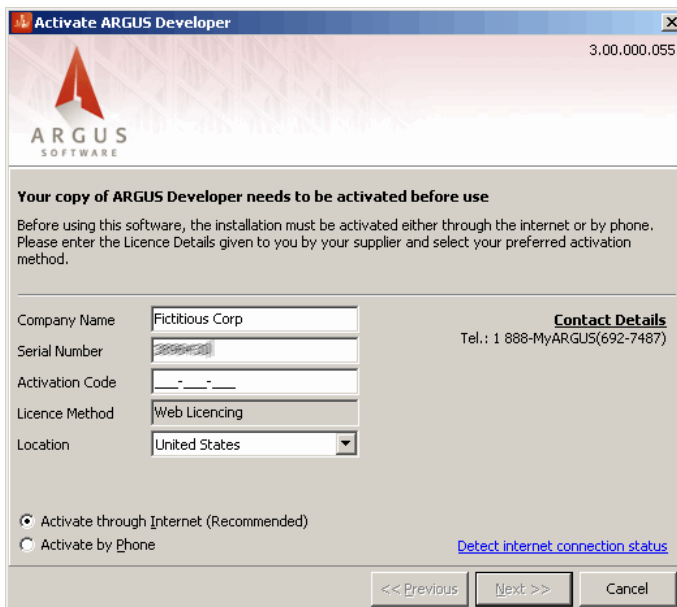


Successful activation message

Click on the **Finish** button to complete the process. You can now proceed to use ARGUS Developer.

Activation with Web licensing

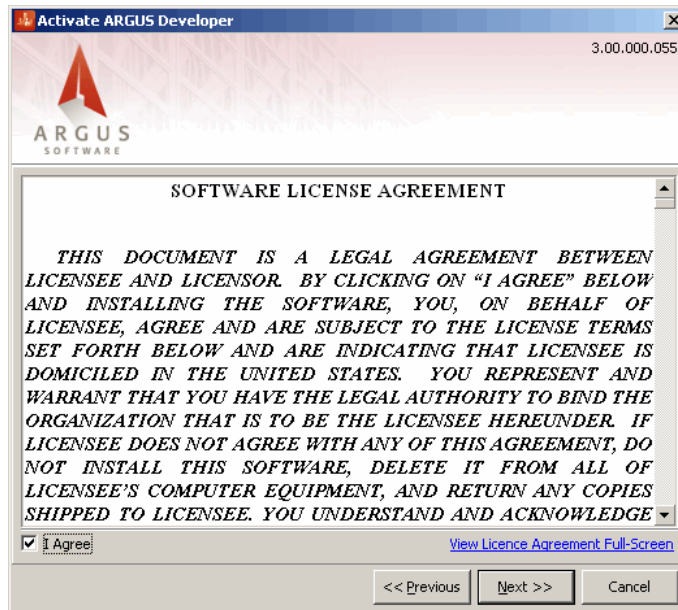
Alternatively, if you have input a certain type of **Serial Number** and **Activation Code**, you may see the following:



Web activation

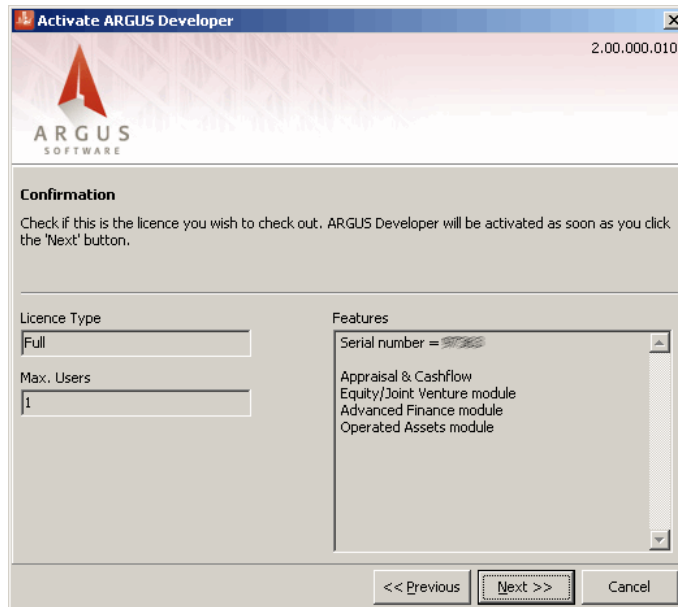
This means that you have a product key/serial number which uses Web Licensing.

Click on the **Next >>** button to proceed. A licence agreement will be displayed:



Example of a licence agreement

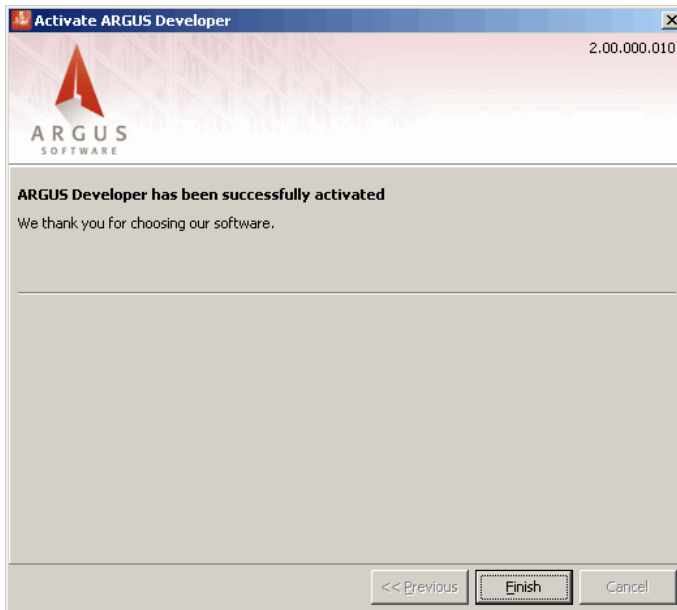
Check the **I Agree** box and click on the **Next >>** button to proceed. The next page will confirm the details of your licence:



Confirmation of licence

Click on the **Next >>** button to proceed.

You will receive a message to confirm that it has been successfully activated:

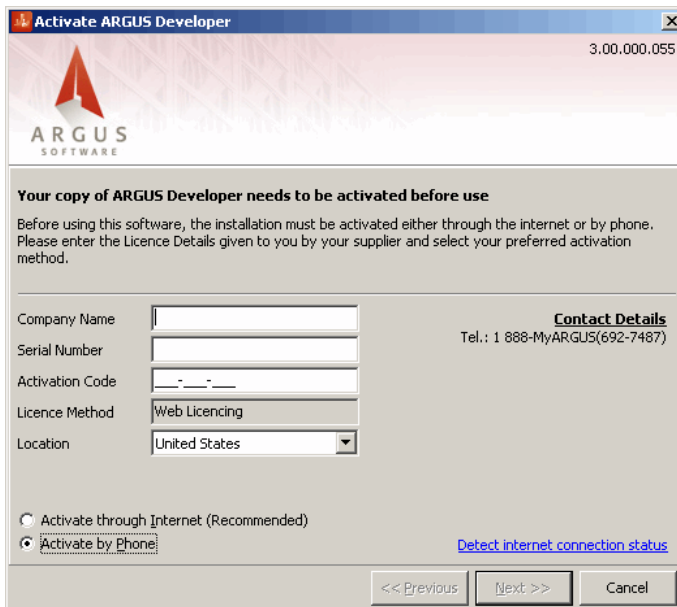


Successful activation message

Click on the **Finish** button to complete the process. You can now proceed to use ARGUS Developer.

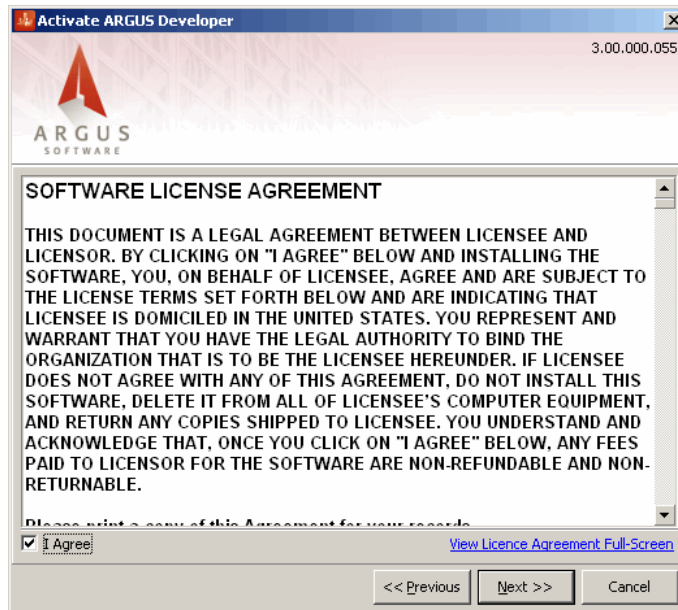
Activation by phone

Alternatively, if you are activating your licence by telephone, type in your company name, serial number and activation code and select the **Activate by Phone** option:



Choosing Activate by Phone

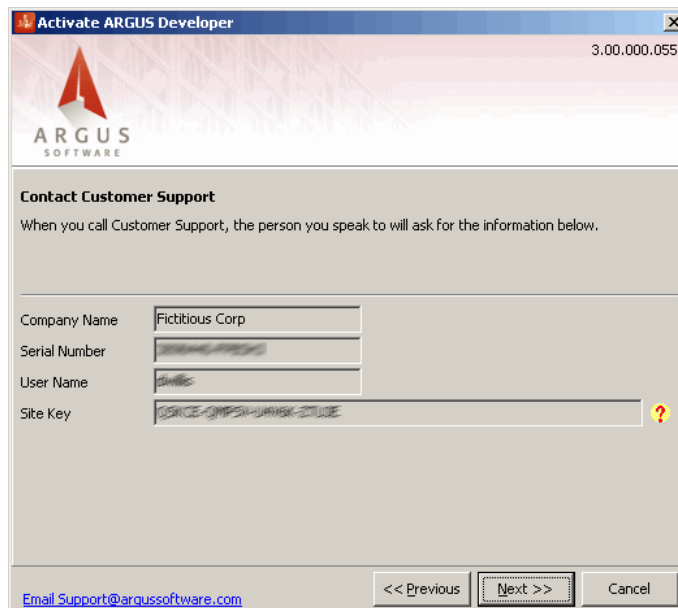
Click on the **Next >>** button to proceed.




Example of a licence agreement

Check the **I Agree** box and click on the **Next >>** button to proceed.

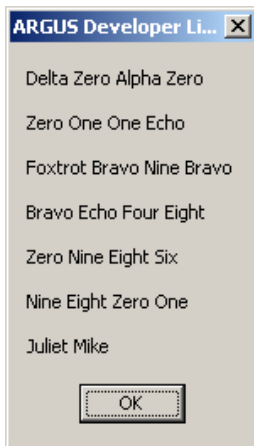
The following page will provide information that you will need to give to ARGUS Support to activate your licence (you may see a different layout and details here):



Contact ARGUS Support and read out this information

To aid you in reading the installation number, you can click on the  button.

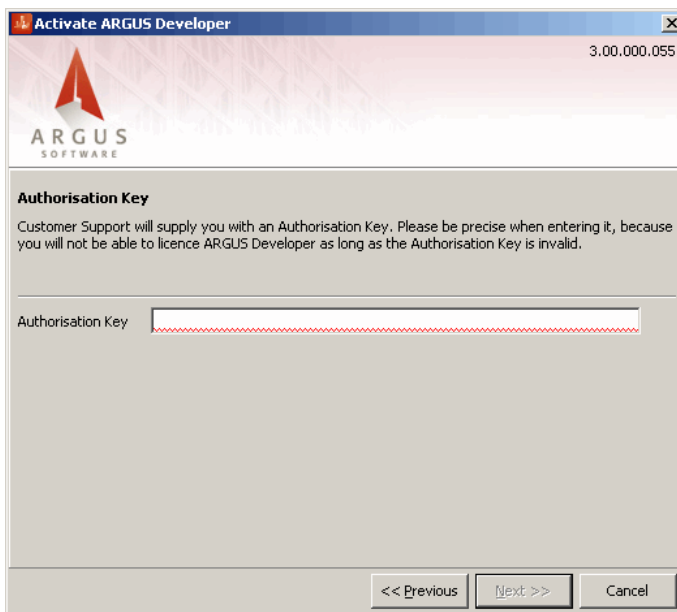
This displays a small dialog which lists the installation number in words - all you need to do is read this out to ARGUS Support.



Installation number displayed as words

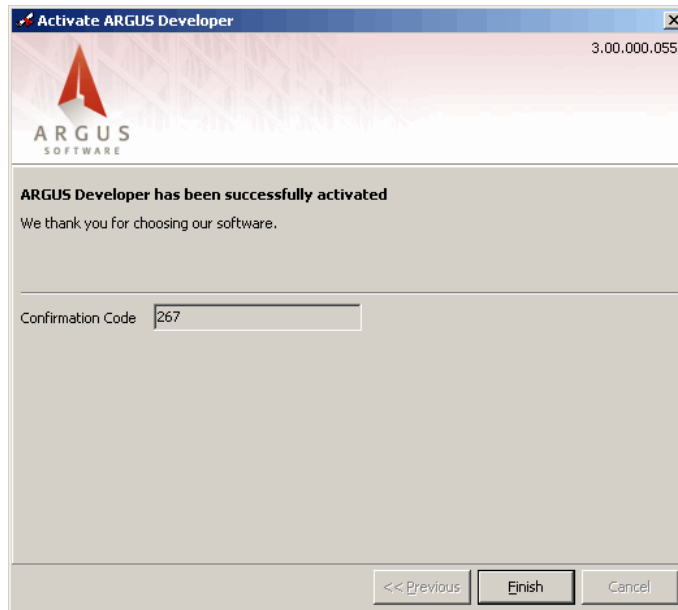
Click on **OK** to close down this dialog, and click on the **Next >>** button to proceed.

You will be prompted to type in an Authorisation Key:



Type in the Authorisation Key here

ARGUS Support will supply you with an Authorisation Key, which you must enter in the appropriate text box. This is a very long alphanumeric string, so take care when typing it in. Click on the **Next >>** button to activate your licence. You will receive a message to confirm that it has been successfully activated:



Successful activation message

Click on the **Finish** button to complete the process. You can now proceed to use ARGUS Developer.

CHAPTER 5

Licensing

The licences set out which program modules are active and how many users can access the program at any one time.

- Licences are effectively the keys used to activate the programs.
- They cannot be copied or “hacked”.
- Licences **cannot be restored from backup**.
- Licences are delicate and users must follow defined procedures to move licences.
- Corrupted licences cannot be recovered without the assistance of the ARGUS Support service.

There are several ways of performing licensing:

- **Web licensing** - this method of licensing uses an Internet connection to activate and manage licences.
- **IBL licensing** - this method of licensing uses an Internet connection to activate and manage licences.
- **CRC licensing** - this method of licensing uses manual licensing methods (via a telephone message). Existing customers can upgrade from CRC licensing to Web licensing.

Note: Web licensing allows you to activate and manage your licenses quickly and easily. Your product can be activated within minutes, allowing you to get started immediately. All customers are strongly recommended to upgrade to Web licensing.

Please see “Upgrading to Web Licensing” below for further details.

Upgrading to Web Licensing

If you are upgrading from an earlier version of the program and currently have CRC licensing, you can upgrade your existing licence to the new Web licensing. **An Internet connection is recommended.**

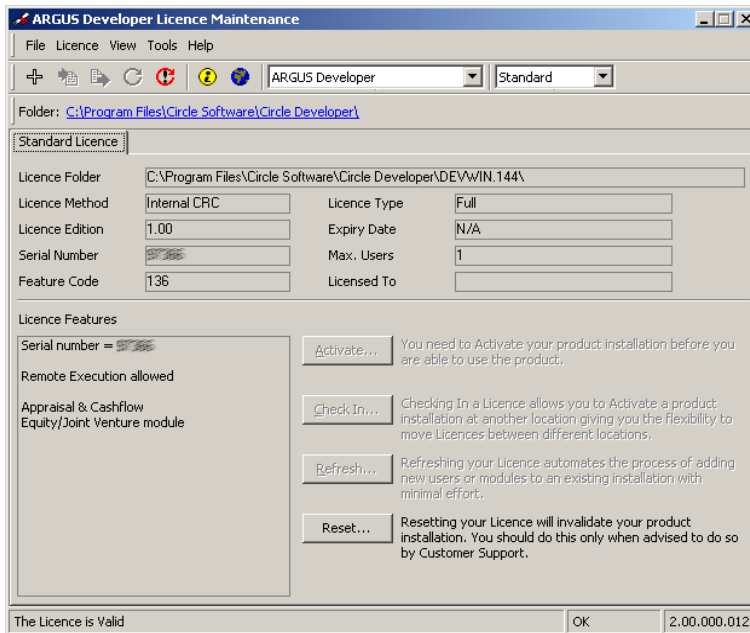
Ensure that all users are logged out of the program before the licence upgrade is attempted.

Note: If you are upgrading a network multi-user licence, any licences that have been temporarily transferred (for example, onto laptops) must be transferred back onto the server before the licence can be upgraded.

After you have performed an upgrade installation, to upgrade the licence, browse to the program installation folder and open `Licence.exe`.


Note: There may also be a file called `License.exe` in the installation folder - ignore this file, it is a remnant of the old program installation. Do not delete this file.

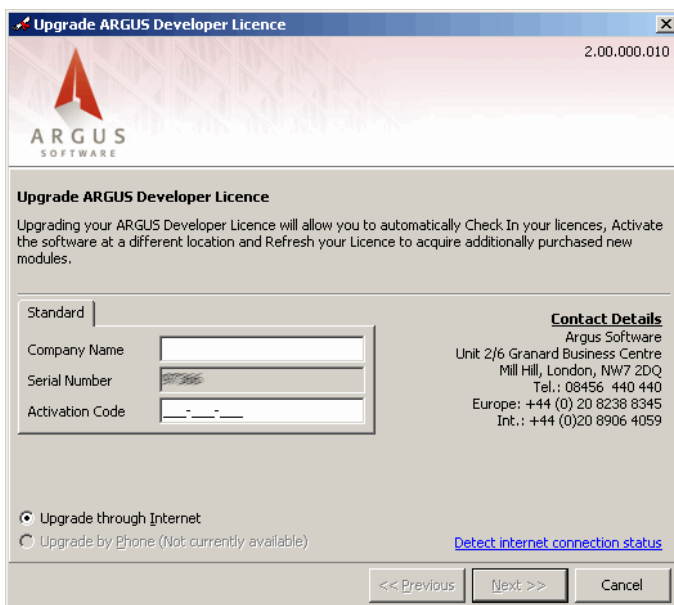
This opens the Licence Maintenance utility:



Licence maintenance

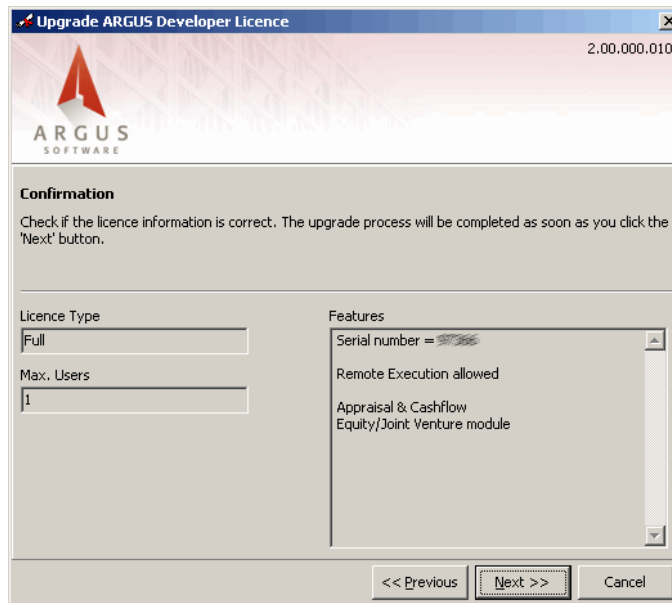
Note that the Licence Method says “Internal CRC”. If you are upgrading from an earlier version (such as Visual Developer 2.06), the Licence Method may say “Copy Control”.

Click on the **Upgrade** button  or select **Upgrade licence...** from the **Tools** menu. This opens the following dialog:



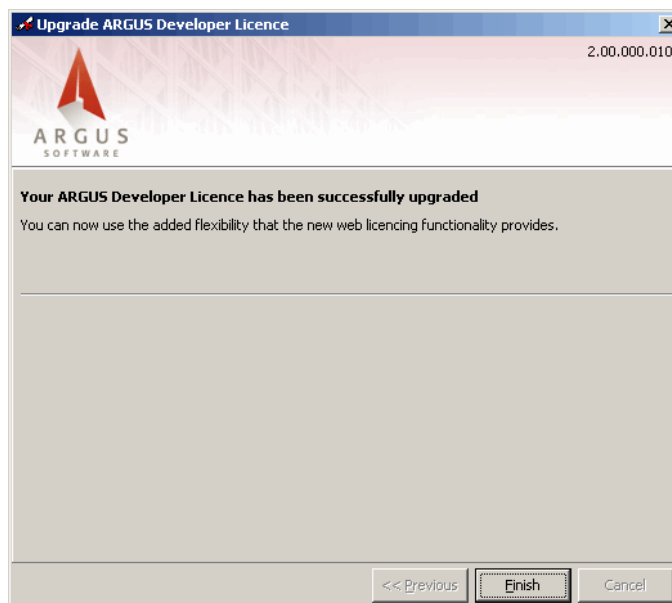
Enter your company name and activation code

Contact ARGUS Software for the company name and activation code. Enter these details exactly as stated, then click on **Next >>**. A confirmation screen will be displayed:



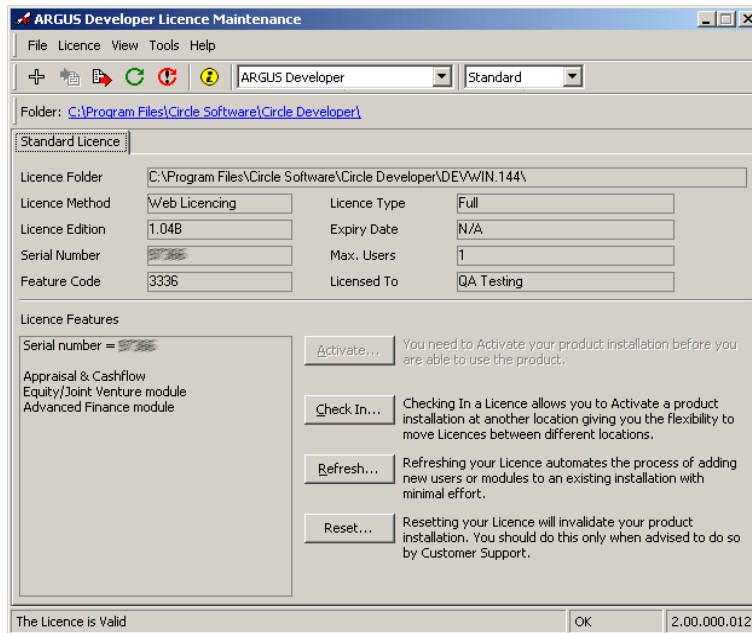
Confirmation of upgrade

Click on **Next >>** to proceed.



Finish message

Click on **Finish** to complete the upgrade of your licence(s) to Web licensing. The Licence Maintenance utility should now look something like the following, with changed settings:



The upgraded Licence Maintenance utility

Note that the Licence Method should now say “Web Licencing”, indicating that the licensing method has been successfully upgraded to Web licensing.

Close down the Licence Maintenance utility.

Transferring licences

Transferring with Web licensing

Licences can be moved/transferred between installations by “checking-in” the licence and then “re-activating” to a different installation. **Please note that an Internet connection is required.**

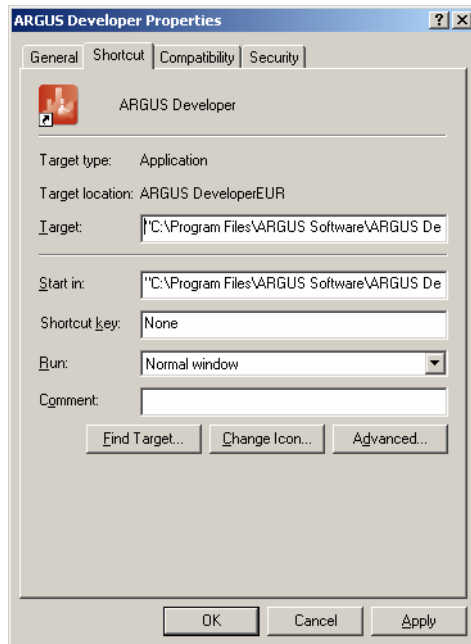
Note: The laptop or other PC must contain a full installation of the ARGUS Developer program as applicable, before transferring the licence.

There are two main stages required to move a licence from one PC to another:

- **Checking-in** - see **“Checking-in a licence” on page 39**;
- **Re-activating** - **“Re-activating the licence on a different computer” on page 44.**

Open Windows Explorer and browse to the installation folder. If you don’t know where your installation folder is, try right-clicking on the program shortcut on your computer desktop.

Select the **Properties** menu option. This opens the Properties dialog:



Properties dialog

Click on the **Shortcut** tab. Make a note of the Target. This sets out where the program is installed. Some operating systems provide a **Find Target...** button which automatically opens Windows Explorer to the correct folder.

Checking-in a licence

Note: Before you begin, you must ensure that you have an active Internet connection.

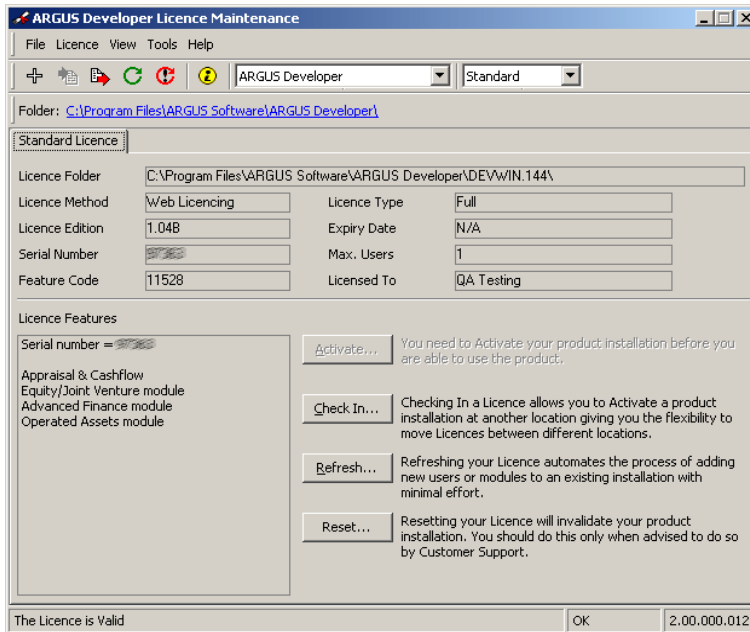
Also, you must make a backup of your Data directory if you wish to transfer it to the new computer (this is typically located in the installation folder, for example `C:\Program Files\ARGUS Software\ARGUS Developer\Data`).

If you have a product that has been activated using Web Licensing, follow the procedure as shown in “Checking in with Web Licensing” (see “[Checking in with Web Licensing](#)” on page 40).

If you have a product that has been activated using IBL (Internet-Based Licensing), follow the procedure as shown in “Checking in with IBL Licensing” (see “[Checking in with IBL Licensing](#)” on page 42).

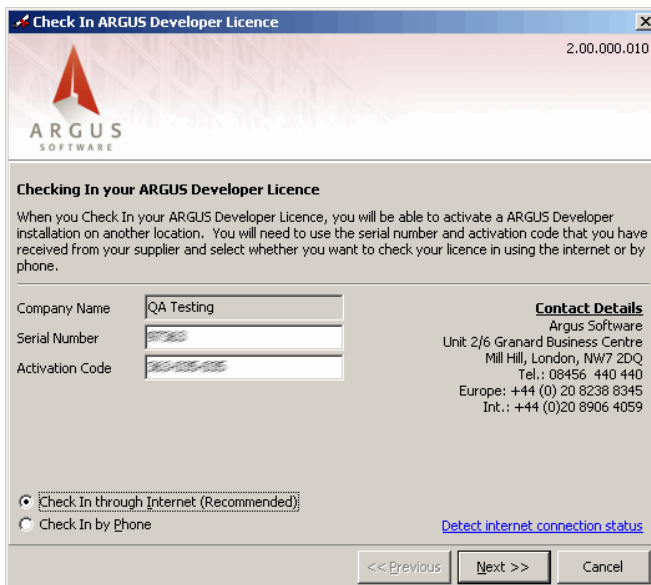
Checking in with Web Licensing

Open `Licence.exe`, then click on the **Check In...** button:



Licence maintenance program

This displays the licence checking-in dialog:

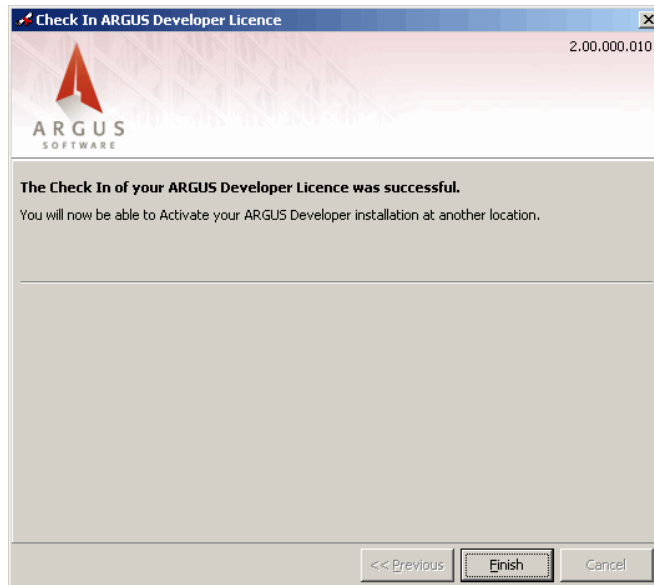


Check-in dialog

Note: Make a note of all the information you see in this dialog - you will need it for re-activating your licence on the computer to which you are moving the ARGUS Developer licence. Do not lose this information.

Select the **Check in through Internet** option, and click on the **Next >>** button (if you are unable to connect to the Internet, you can choose to check in your licence by phone - call ARGUS Support for guidance).

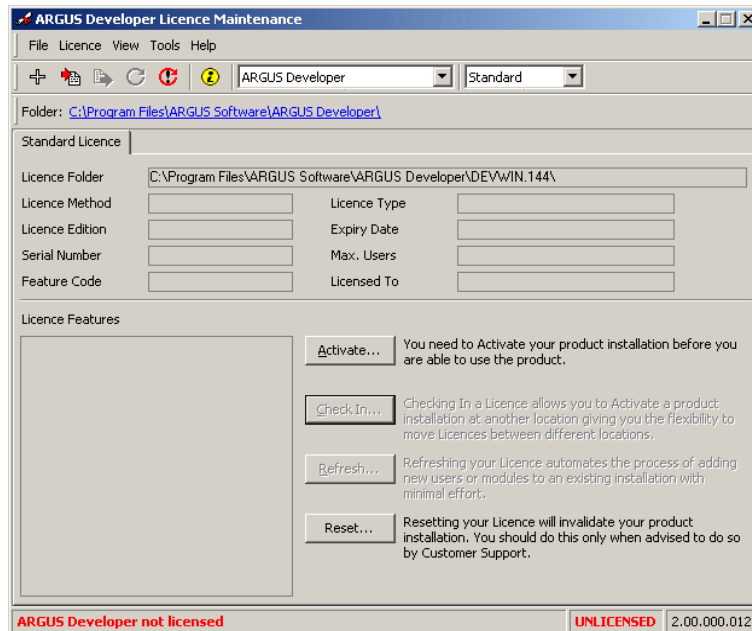
If the check-in was successful, you should see the following message:



Successful check-in

Click on the **Finish** button to close down the dialog.

When you are returned back to the Licence Maintenance program, it will now show the program as unlicensed:

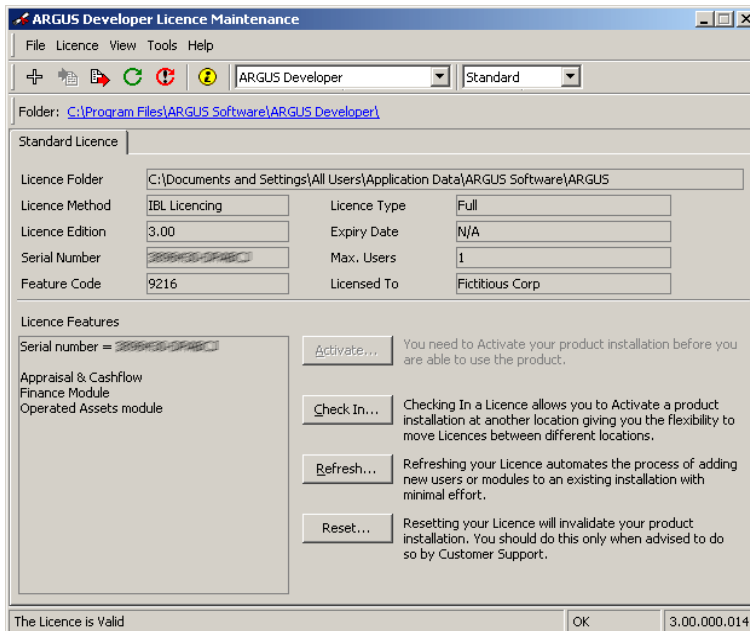


If you have checked-in a licence in order to license a separate installation (such as on a laptop or a PC at a separate location), you will need to re-activate the licence on that other computer.

Next, see [“Re-activating the licence on a different computer” on page 44.](#)

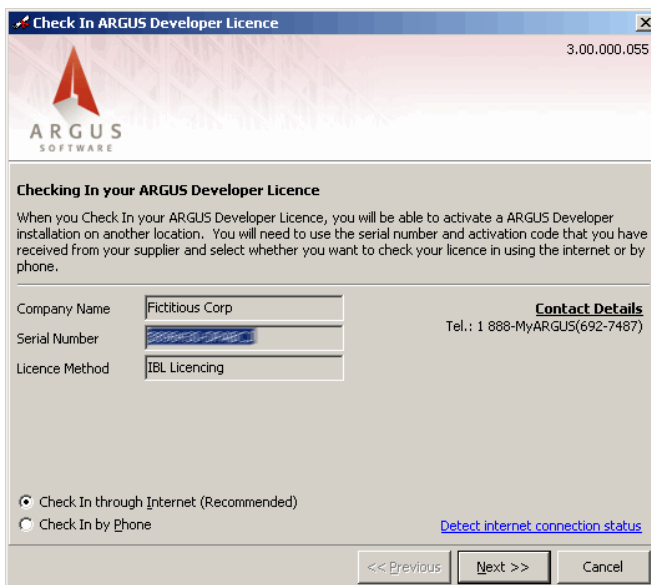
Checking in with IBL Licensing

Open `Licence.exe`, then click on the **Check In...** button:



Licence maintenance program

This displays the licence checking-in dialog:

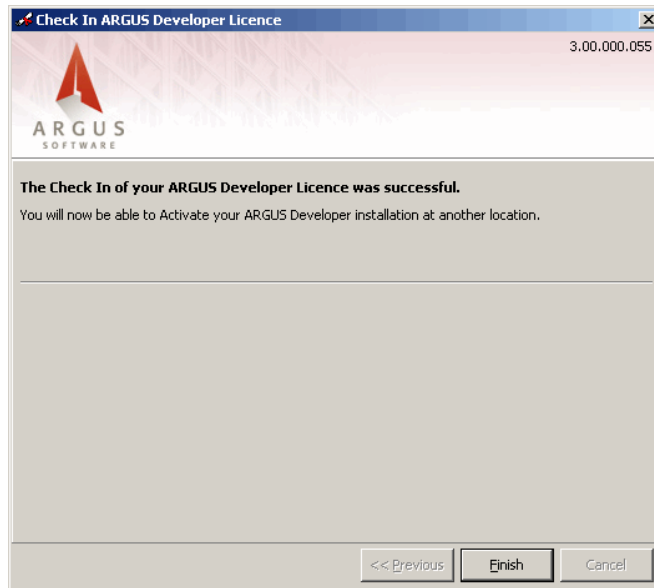


Check-in dialog

Note: Make a note of all the information you see in this dialog - you will need it for re-activating your licence on the computer to which you are moving the ARGUS Developer licence. Do not lose this information.

Select the **Check in through Internet** option, and click on the **Next >>** button (if you are unable to connect to the Internet, you can choose to check in your licence by phone - call ARGUS Support for guidance).

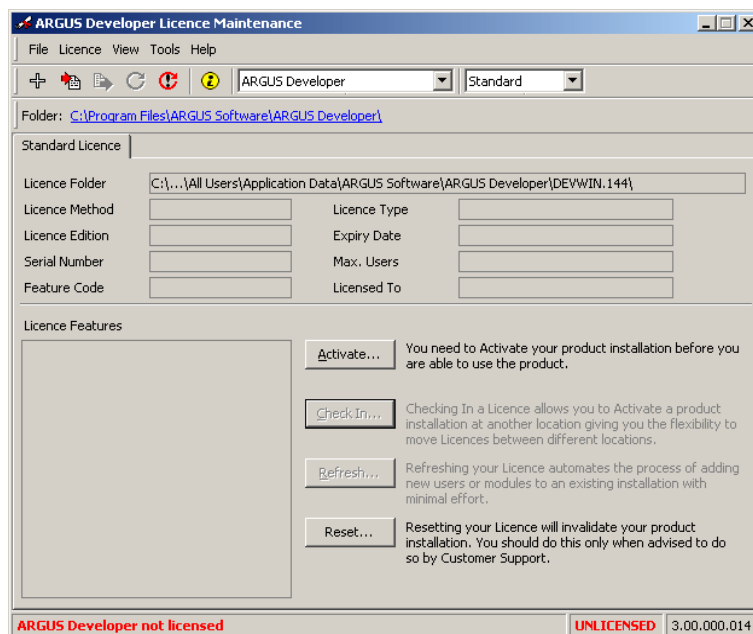
If the check-in was successful, you should see the following message:



Successful check-in

Click on the **Finish** button to close down the dialog.

When you are returned back to the Licence Maintenance program, it will now show the program as unlicensed:



If you have checked-in a licence in order to license a separate installation (such as on a laptop or a PC at a separate location), you will need to re-activate the licence on that other computer.

Next, see [“Re-activating the licence on a different computer” on page 44.](#)

Re-activating the licence on a different computer

To re-activate the licence after you have checked it in, you will need to perform a new installation of ARGUS Developer on the computer that you wish to transfer the licence to.

When you have performed the installation according to the instructions detailed in **“Full installation” on page 9**, you will need to activate the software. To activate the software, follow the procedure as detailed in **“Activation procedure” on page 25**.

Note: To successfully conclude the activation process, you will need the Company Name, Serial Number and Activation Code that you noted down when you checked-in your licence. When you go through the activation procedure, you will be prompted to enter this information.

After you have re-activated the licence, if you wish to, you can transfer the Data folder from your old installation.

On the new installation, rename the “Data” folder to “Default Data”.

From the old installation, copy the “Data” folder (typically in C:\Program Files\ARGUS Software\ARGUS Developer\Data) to the new installation of ARGUS Developer.

You may also wish to copy across your files from the “Template” folder and (if you have created any custom Crystal Reports) files from the “Crystal” folder, to the appropriate folders on the new installation.

You can now proceed to use the fresh installation of ARGUS Developer.

Changing the number of modules and/or users on your licence

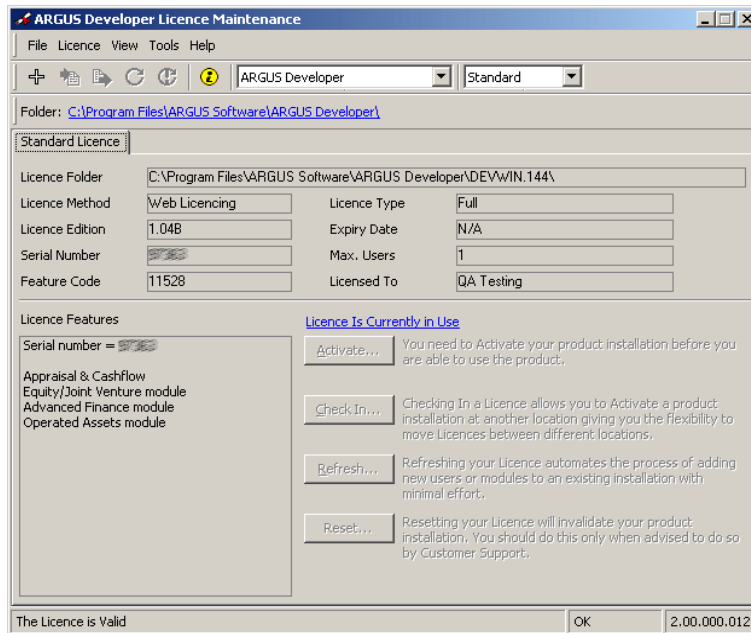
To increase the number of modules or users on your ARGUS Developer licence, you will need to do the following:

First, you will need to purchase the extra modules or licences from ARGUS Software.

Contact ARGUS Support for the appropriate licence changes to be made. Once you have been advised by ARGUS that the extra modules or users have been added to your licence, you can proceed.

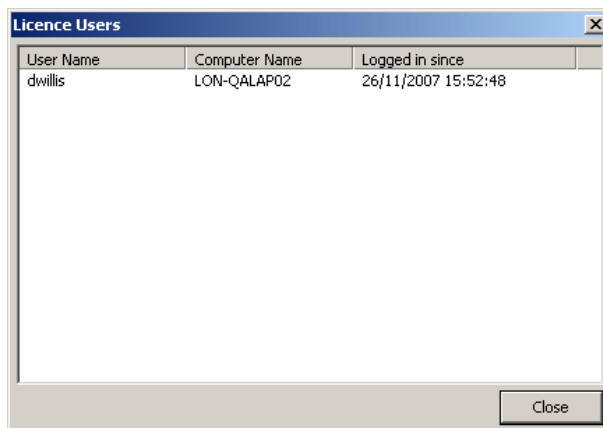
Before you start, ensure that you have a functioning Internet connection. Also, ensure that all users are logged out. To check that all users are currently logged out, browse to your ARGUS Developer program directory (typically, this is C:\Program Files\ARGUS Software\ARGUS Developer) and locate the Licence.exe file.

Double-click on this file to open the licence maintenance program:



Licence Maintenance program showing licence currently in use

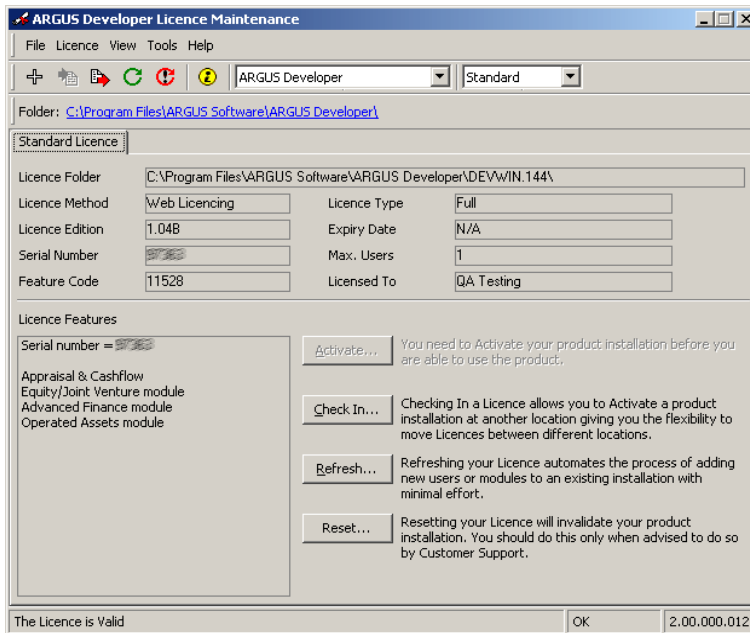
If the Licence Maintenance program looks like this (with the “Licence Is Currently in Use” message displayed), click on the “Licence Is Currently in Use” link to display the list of users:



List of users currently logged in

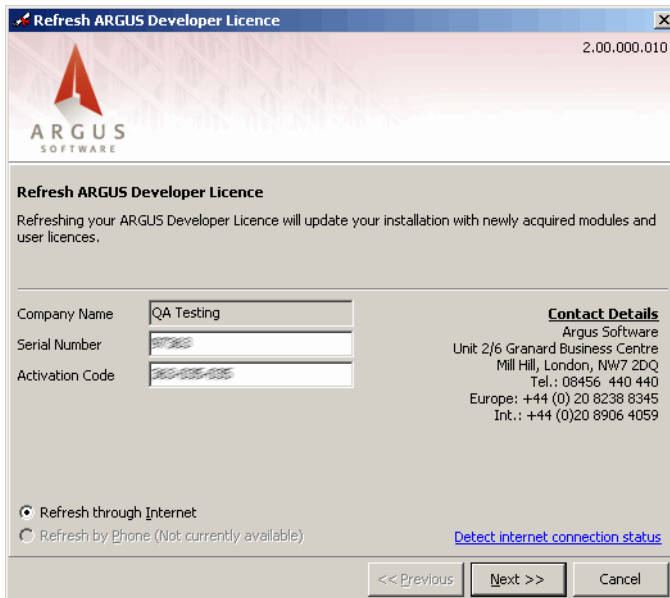
You will need to contact these users and get them to log out of the application. Close down the Licence Maintenance program. Once all users have logged out, you can proceed.

Open the licence maintenance program again by double-clicking on the `Licence.exe` file:

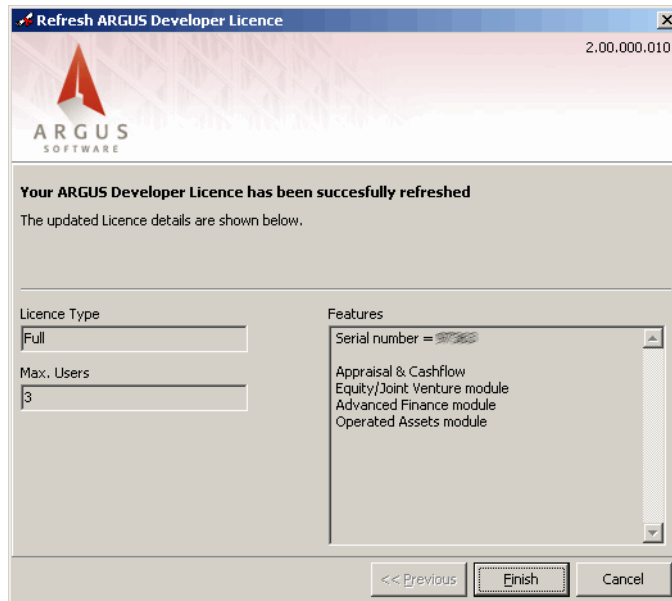


Licence maintenance program

Click on the **Refresh...** button to update your licence and add the new module(s) and/or users.

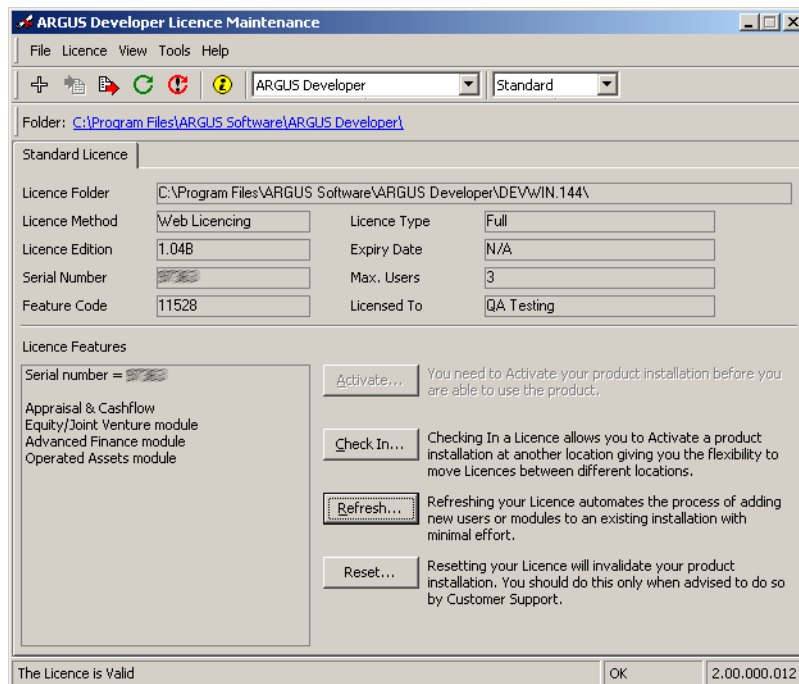


Your dialog may differ slightly from this, depending upon the type of product activation method that has been employed. Click on the **Next >>** button to proceed. You will be prompted with a summary of the changes to the licence:



Click on **Finish** to close down the screen.

You should see the licence details change on the licence maintenance screen:



In our example shown here, you will note that the number in the **Max Users** field has changed.

Close down the licence maintenance program.

You can now use ARGUS Developer with the new module and/or user options you have just enabled.

Note: If you encounter any problems or errors when performing changes to your licence, you should contact ARGUS Support (See [“Contact Details”](#) on page 53).

Adding further licence options with combi licensing

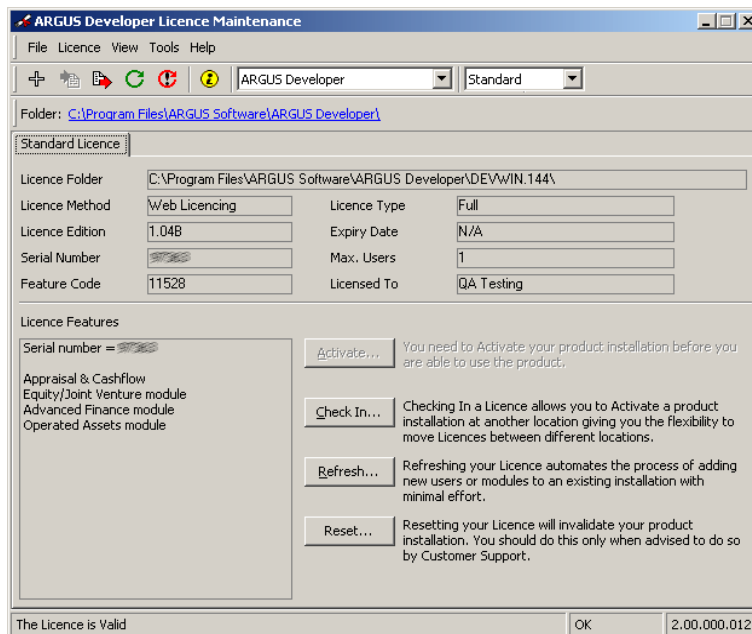
Combi licensing allows you the ability to add extra licence options to your existing licence. This can give you a combination of different functionality for different users. For example, you may wish a user to have the use of all the modules, while you may wish another user to have access to only one or two of the Developer modules.

In addition to your standard licence, you can add up to 2 further licence options.

Contact ARGUS Support for the appropriate licence changes to be made. Once you have been advised by ARGUS that the extra options have been added to your licence, you can proceed.

Before you start, ensure that you have a functioning Internet connection. Also, ensure that all users are logged out. Browse to your ARGUS Developer program directory (typically, this is C:\Program Files\ARGUS Software\ARGUS Developer) and locate the Licence.exe file.

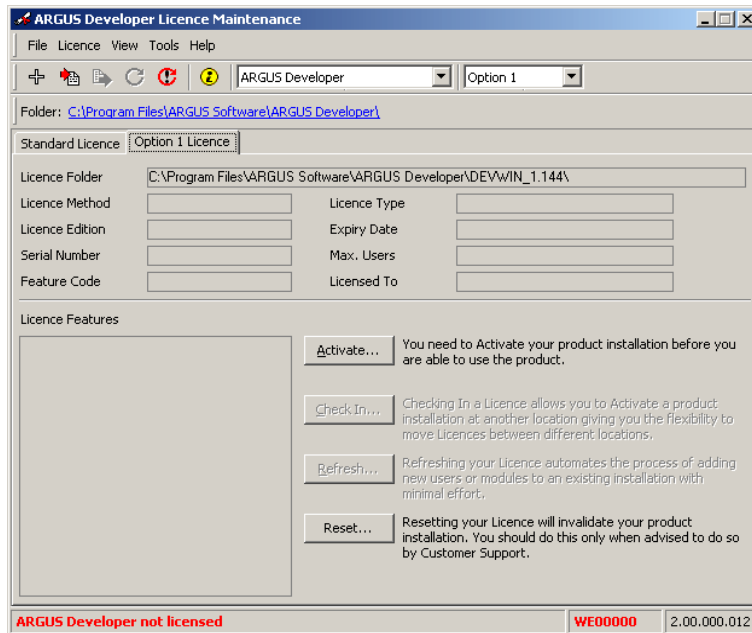
Double-click on this file to open the licence maintenance program:



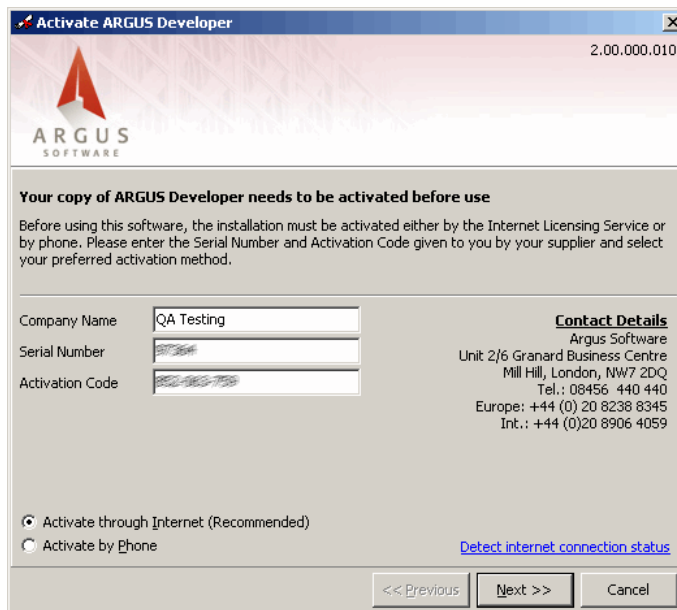
Click on the “plus” button to add a new licence option:



This creates a new tab (here marked as “Option 1 Licence” in this example):

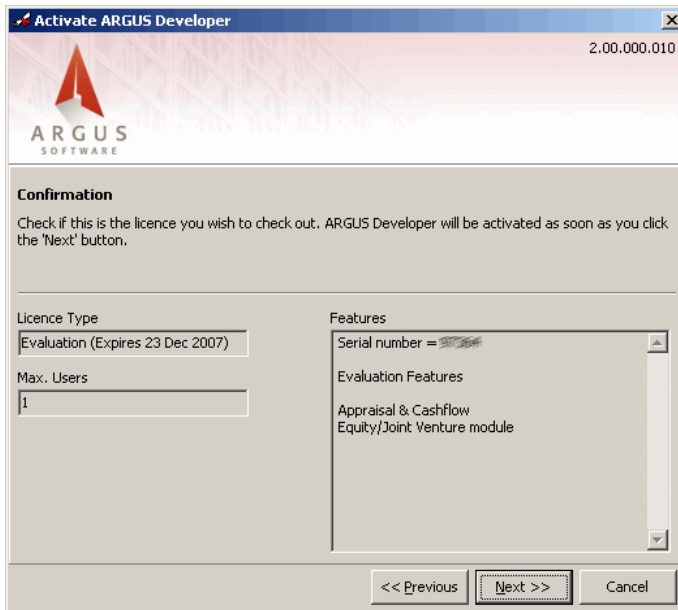


Click on the **Activate...** button to activate this option. This allows you to activate the option in the usual way:



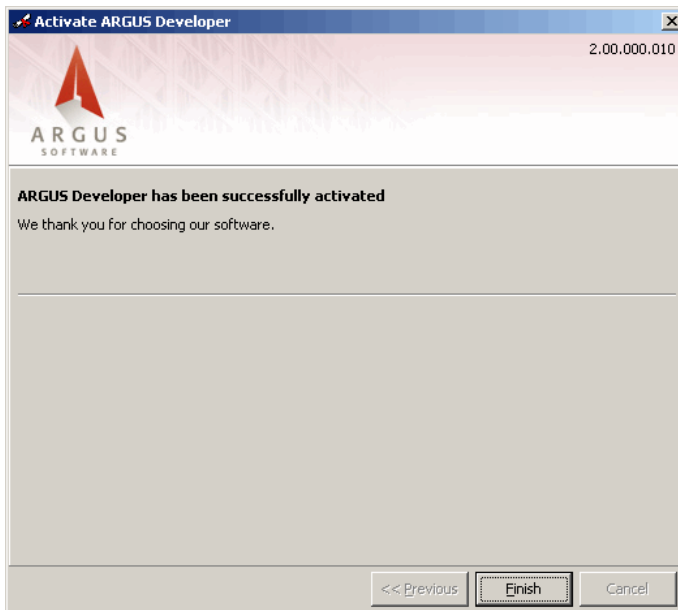
Your dialog may differ slightly from this, depending upon the type of product activation method that has been employed. Click on **Next >>** to proceed.

The extra option and its features is summarised (note that in this example, there are fewer modules for this option than with the standard licence):

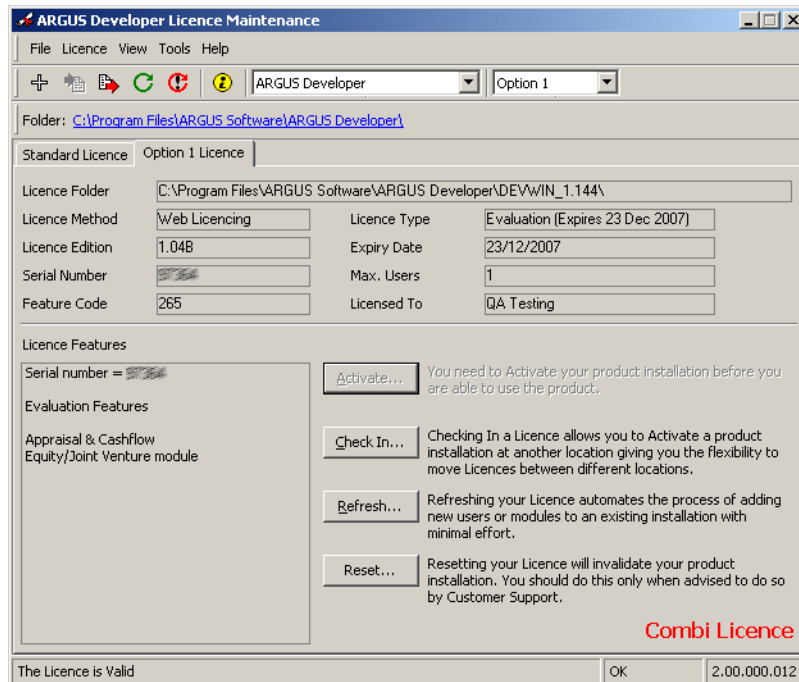


Click on **Next >>** to proceed.

After successful activation, you should see a screen like the following:



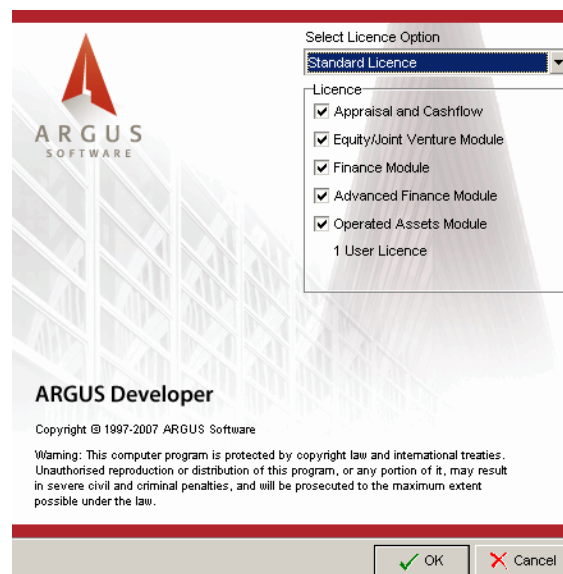
If you look at the licence maintenance program again, you will note that the new licence option has been successfully activated alongside the standard licence:



You will note also that the words “Combi Licence” are displayed in the bottom right-hand corner.

Starting Developer with combi licensing

With combi licensing, when you try to start Developer, you will see a startup screen similar to the following example:



This screen summarises all the modules that are available with each licence option you have installed. It will also tell you which licence options are currently in use.

You can use the **Select Licence Option** drop-down to choose which of the licence options you wish to use when you start up Developer.

Note: If you encounter any problems or errors when performing changes to your licence, you should contact ARGUS Support (See “[Contact Details](#)” on page 53).

CHAPTER 6

Contact Details

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