

IntaChange Installation

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IntaChange Installation

1 Overview

IntaChange is an ASP.NET application. It uses a Microsoft SQL database, and is accessed remotely using client machines through a web browser. This document describes the installation of the main IntaChange management software.

Basic user machines (“client” machines) require only Internet Explorer (Version 6 onward) and an IntaChange account to access the “projects” defined in the main installation. IntaChange requires no installation on client machines.

The process of installing IntaChange includes several other associated software packages, such as Microsoft .NET Framework. They are included in this setup package and are installed automatically.

2 IntaChange Components

Included in the setup package:

- IntaChange.
- NetSpell.
- .NET Framework.
- MDAC (Microsoft Data Access Components).
- Microsoft SQL Server (2000) Desktop Engine (MSDE). This is a free restricted version of the full Microsoft SQL Server 2000. It is suitable for evaluation purposes, or for small installations, but is not recommended for live use with a large number of users.
- Microsoft SQL Server (2005) Express Edition (SQLEXPRESS). This is a free restricted version of the full Microsoft SQL Server 2005. It is suitable for evaluation purposes, or for small installations, but is not recommended for live use with a large number of users.

3 Requirements

Note: Client machines requiring standard user access to IntaChange need only Internet Explorer 6 onward.

3.1 Software requirements

- Windows 2000/XP onward. A server operating system (Windows 2000/2003 Server onward) is strongly recommended. It is possible to install on a non-server operating system (e.g. Windows XP), but there may be certain restrictions (e.g. SQL Server requires a server operating system, so either MSDE/SQLEXPRESS must be used or another server machine must supply SQL Server).
- Internet Information Services (IIS) version 5.0 or later. To access the features of ASP.NET, *IIS must be installed prior to installing the .NET Framework*.
- .NET Framework version 1.1 (**DOTNETFX 1.1 is supplied as part of the installation package**); it will also run under .NET Framework 2.x onward.
- Microsoft Data Access Components 2.6 or later; Microsoft Data Access Components 2.7 is recommended (**MDAC is supplied as part of the installation package**).
- Microsoft SQL Server 2000 SP3 onward, or Microsoft SQL Server 2000 Desktop Engine (**MSDE is supplied as part of the installation package**), or Microsoft SQL Server 2005 onward, or Microsoft SQL Server 2005 Express Edition (**SQLEXPRESS is supplied as part of the installation package**). SQL Server may be supplied by a different machine on the network if desired.
- [Optional] SMTP Mail must be available if mailing from within the .NET application is desired.

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- [Optional] SQL Mail must be configured if mailing from within SQL Server is desired. **Note:** SQL Mail is not supported on MSDE.
- [Optional] SQL Server Agent must be running if scheduled jobs are wanted.
- [Optional] NetSpell must be installed if spell checking is wanted (**NetSpell is supplied as part of the installation package**).
- [Optional] Intasoft AllChange Version 7.0 onwards must be available if the integration with AllChange is desired

3.2 Hardware requirements

3.2.1 Minimum hardware requirements

CPU Required	RAM Required
Pentium 1.0 GHz*	256 MB**

* Or the minimum CPU required to run the operating system, whichever is higher.

** Or the minimum RAM required to run the operating system, whichever is higher.

3.2.2 Recommended hardware requirements

CPU Recommended	RAM Recommended
Pentium 4 2.0 GHz or faster	512 MB or higher

4 Install Procedure

4.1 Running setup.

Select a machine on which to install IntaChange. The setup process may involve the installation of several other packages.

Insert the IntaChange setup disk into the CDROM drive on the chosen machine. If Autorun is enabled the setup program will run automatically. If it is not (or if the IntaChange product is not on a CD, e.g. obtained from download), to begin the installation process double-click on the file named **SETUP.EXE**.

4.2 IIS check

IIS (Internet Information Services) must be present before IntaChange is installed (or, more specifically, before the .NET Framework is installed).

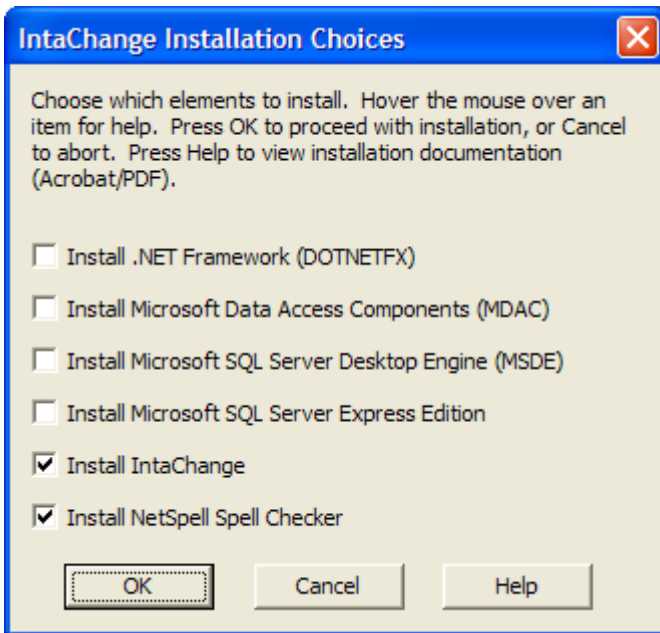
The IntaChange Installation first tests for the presence of IIS. If it is already present the installation process will move straight to Installation Options (see 4.3). If it is not a warning is generated and the installation should be aborted: IIS should then be installed *before* attempting to install IntaChange again.

IIS can usually be installed by using Add/Remove Windows Components. This is found within **Start > Settings > Control Panel > Add/Remove Programs**.

4.3 Installation Options

The following dialog box allows a selection of items which are installed alongside IntaChange:

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Items are ticked if the installation detects that they are required but not already present.

Software selected from the Installation options is installed in the order it is listed

4.4 .NET Framework

This is installed automatically if selected. A dialog box will indicate when the installation of .NET Framework is in progress.

4.5 MDAC

If selected, MDAC will begin to install after .NET Framework.

As MDAC requires a restart of the machine before the new changes can be applied the final screen of the MDAC installation offers to restart the machine now. **DO NOT RESTART YOUR MACHINE** at this time as IntaChange has not finished installing. The machine can be restarted at the end of the whole IntaChange installation process.

If the system is restarted at this time by error it will end the IntaChange setup. To resume the setup go back to running **setup.exe** (4.1) and run again. The installation process will detect what still needs to be installed and will indicate this on the Installation Options dialog. Continue as before.

Note: MDAC cannot be uninstalled. If IntaChange and the other associated software are uninstalled and setup is run again a brief message will appear indicating MDAC is being updated. This will have no adverse affects and IntaChange will install and run as normal.

4.6 MSDE

If the installer did not detect any suitable SQL Server software on this machine (and it was selected on the Installation Options dialog) MSDE will now be installed.

MSDE is a cut down version of Microsoft SQL Server 2000. Upgrading from MSDE to full SQL is a simple process easily achievable at a later date. For further information on the difference between MSDE and full SQL Server and a guide to configuring it, see the **ReadMe.rtf** which appears at the end of the IntaChange installation.

A dialog will appear at the end of the MSDE install offering a restart of the machine before the new changes can be applied. **DO NOT RESTART YOUR MACHINE** at this time as IntaChange has not finished installing. The machine can be restarted at the end of the whole IntaChange installation process.

If you receive a message at the end of the MSDE install warning that the "Setup has failed to configure the Server" it is likely that databases files from a previous version of MSDE need to be removed before re-installing. See the troubleshooting section at the end of this document or the **ReadMe.rtf** for further information on solving this problem.

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4.7 SQLEXPRESS

If the installer did not detect any suitable SQL Server software on this machine (and it was selected on the Installation Options dialog) SQLEXPRESS will now be installed.

SQLEXPRESS is a cut down version of Microsoft SQL Server 2005. Upgrading from SQLEXPRESS to full SQL is a simple process easily achievable at a later date. For further information on the difference between SQLEXPRESS and full SQL Server and a guide to configuring it, see the **ReadMe.rtf** which appears at the end of the IntaChange installation.

Note that it would only make sense to pick one or other of MSDE/SQLEXPRESS to install, not both. Choose whichever you prefer, perhaps the corresponding one if you intend at a later date to use full SQL Server 2000 or 2005. However, we would recommend MSDE, because SQLEXPRESS will require .NET Version 2 to be installed, while IntaChange runs under .NET Version 1.1 (for backwards compatibility) and so you will end up with two versions of .NET installed, which works but is more complex.

4.8 IntaChange

The IntaChange software package itself. Once installed, IntaChange is available from a web browser via the *Virtual directory* accepted during its installation, e.g. <http://localhost/IntaChange>.

The package includes a Crystal Reports .NET component (for running Crystal Reports). On some systems you might experience difficulties when *upgrading* the Crystal Reports .NET package that is included with IntaChange, i.e. during an IntaChange *upgrade*. This is due to Crystal Report issues and not IntaChange or the upgrade process. If, after upgrading, you find you get an error as soon as you try to visit the IntaChange **LogOn** page use **Control Panel, Add/Remove Programs**, locate **IntaChange** entry, select **Change** and opt for **Repair** to solve this. Alternatively, you may choose to uninstall IntaChange first (via **Control Panel, Add/Remove Programs**) and then rerun this installation, which avoids the problem.

The included Crystal Reports .NET component requires a 32-bit IIS configuration. If the server is 64-bit, *and* IIS is running in 64-bit mode (i.e. not 32-bit support), you will not be able to run Crystal Reports. To enable IIS to run IntaChange as a 32-bit application, search MSDN/Google for **Enable32bitAppOnWin64**.

4.9 NetSpell

NetSpell is a freely-redistributable spell checker distributed with IntaChange. It is supplied with a number of language dictionaries. If it is installed, IntaChange will offer spell checking facilities; spell checking is performed in the client web browser. NetSpell is: "Copyright (c) 2003, Paul Welter. All rights reserved." Once installed, NetSpell is available from a web browser via the *Virtual directory* accepted during its installation.

5 Uninstalling IntaChange

IntaChange can be removed via **Control Panel, Add/Remove Programs**. Note that this does *not* remove any databases which have been created (use **SQL Enterprise Manager/SQL Server Management Studio** for this, if desired, or delete projects properly first). MSDE/SQLEXPRESS and other supplied packages can be removed from here too.