

# IntaChange Installation

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## 1 Overview

IntaChange is an ASP.NET application. It uses a Microsoft SQL 2000 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
- IntaView – optional addon
- 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.

## 3 Requirements

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

### 3.1 Software requirements

#### Server software requirements

Windows versions that can run IntaChange are, in order of preference:

A server operating system is strongly recommended

Windows 2003 Server

Windows 2000 Server

Windows Vista Ultimate

Windows Vista Business

Windows XP Professional

Windows Home Premium

It is possible to install on a non-server operating system (e.g. Windows XP Professional), but there may be certain restrictions (e.g. SQL Server requires a server operating system, so either MSDE 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 or later (DOTNETFX is supplied as part of the installation package).
- 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). 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.
- [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] Microsoft Project Server 2002/Office Project Server 2003 onward must be available if integration with MS Project is desired. MS Project Server may be supplied by a different machine on the network if desired.
- [Optional] Microsoft SQL Reporting Services must be available if SRS reports are to be used.

- [Optional] Intasoft AllChange Version 7.0 onwards must be available if the integration with AllChange is desired
- [Optional] Microsoft Office InfoPath 2003 with SP1 onward. This is only required if the IntaView optional AddOn is to be used

### 3.2 Hardware requirements

#### Server hardware requirements

Minimum: Pentium 1.0GHz (or the min. CPU required to run the operating system, whichever is higher).

Recommended: Pentium 4 2.0 GHz or faster.

Minimum: 256MB RAM (or the min. RAM required to run the operating system, whichever is higher). Recommended: 512MB RAM or higher.

#### Client hardware requirements

Minimum: Pentium 3 500MHz (or the minimum CPU required to run the operating system, whichever is higher).

Recommended: Celeron 1.2GHz or faster.

Minimum: 64MB RAM (or the min. RAM required to run the operating system, whichever is higher).

Recommended: 128MB RAM 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 doubleclick 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:

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 ReadMe.rtf for further information on solving this problem.

#### 4.7 IntaChange

The IntaChange software package itself. Once installed, IntaChange is available from a web browser via the Virtual directory accepted during its installation.

#### 4.8 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.

#### 4.9 IntaView

IntaView is an optional add-on software package to allow customised forms to be designed for IntaChange using Microsoft InfoPath. This option will only be available if IntaView was purchased at the same time as IntaChange.

### 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 for this, if desired, or delete projects properly first). MSDE and other supplied packages can be removed from here too.