

i2 iBridge

Release Notes

Version 8.0.1
February 2010
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These release notes describe *iBridge* version 8.0.1; this distribution does not assume or require that an earlier version of *iBridge* has been installed.

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What's New in This Release?

The following table summarizes the *iBridge* releases:

Version	Release Date
<i>iBridge 8.0.1</i>	February 2010
<i>iBridge Designer 8.0.1</i>	February 2010

New features

- Compatibility with *Analyst's Notebook 8*.
- *iBridge* now has even closer integration with *Analyst's Notebook*. Users can access *iBridge* functionality through the new *Analyst's Notebook* Data Sources Task Pane.
- Unicode-enabled software can return search results in all languages and characters, ensuring completeness of data returned, even if the information within the database is in a foreign language or character set. Entity links and types can now be defined in complex scripts.
- Users can now expand selected chart items to a new chart.

Fixed in this release

A number of Vista compatibility issues have been resolved in this release of *iBridge*.

Compatible companion products

In order to run *iBridge 8.0.1*, it is necessary to first install *Analyst's Notebook 8.0.5* or later.

System Requirements

For latest details on system requirements, supported operating systems and any other additional requirements check the i2 Web site:

www.i2group.com/support/system_requirements/

At release these are the supported operating systems for *iBridge* 8:

Operating System

Desktop Operating Systems

Windows Vista Business/Enterprise/Ultimate x86 (32-bit) and x64 (64-bit) SP1 or later

Windows XP Professional x86 (32-bit) and x64 (64-bit) SP3 or later

Windows 2000 Professional SP4 or later

Server Operating Systems offering thin client environments

Windows Server 2008 x86 (32-bit) and x64 (64-bit) with Terminal Services enabled

Windows Server 2003 Standard/Enterprise x86 (32-bit) and x64 (64-bit) SP2 or later with Terminal Services enabled

Windows Server 2003 R2 Standard/Enterprise x86 (32-bit) and x64 (64 bit) SP2 or later with Terminal Services enabled

Windows 2000 Server/Advanced Server SP4 or later with Terminal Services enabled

All server operating systems are also supported with Citrix MetaFrame Presentation/Xen App Server 4.0 or later

iBridge is supported on Western Europe & USA, Central Europe, Baltic, Cyrillic, Turkic, and Arabic, regional versions of the supported operating systems.

iBridge requires that Microsoft .NET Framework 2.0 SP1 or .NET Framework 3.5 is present on the installation system. The version of .NET you require will depend on the operating system you are running. These versions of Microsoft .NET Framework are included on the CD.

iBridge requires that Microsoft Windows Installer 4.5 is present if the installation system is running Windows Vista or Windows Server 2008.

The printed documentation provided with *iBridge* is also available electronically in Adobe PDF format. In order to display this documentation, a PDF viewer must be present on the installation system.

iBridge interoperates with applications in the following versions of Microsoft Office:

- Office 2003 (all editions)
- Office 2007 (all editions)

iBridge can work with documents created by the following Office versions:

- Office 2000 (all editions)

- Office XP (all editions)
- Office 2003 (all editions)
- Office 2007 (all editions)

Windows 7

iBridge 8 has been tested with the released versions of Microsoft Windows 7 Ultimate and i2 supports the Windows 7 Platform.

Virtual Machine Environments

iBridge 8 is supported in Virtual Machine environments running on any of the operating systems listed above.

If any issues are found and are reproducible by i2 in the following virtual machine environments:

- Citrix XenServer
- VMWare Workstation 6 or later
- VMWare ESX Server 3 or later
- Microsoft Hyper-V

i2 will treat as an issue and attempt to fix or offer a workaround as long as the cause is not within the VM vendor's software layers.

Hardware Specification

These are the minimum desktop hardware requirements for *iBridge 8*:

Minimum Requirements

1.4 GHz processor computer

512 MB RAM

500 MB free disk space for installation, plus space to store chart data (This does not include disk space required for pre-requisites)

XGA capable graphics card (1024 x 768 high color (16 bit)) and color monitor

Mouse or Trackball

USB Port or Parallel Printer Port (for local dongle)

CD-ROM drive or network access (for installation)

For better performance and for running a combination of i2 products a higher specification is recommended:

Recommended Requirements

At least 2 GHz processor computer

At least 2 GB RAM

At least 1 GB free disk space for installation plus space to store chart data (This does not include disk space required for pre-requisites). Total disk space requirements depend on number of i2 products to be installed.

SXGA capable graphics card (1280 x1024 high color (16 bit)) and color monitor

Mouse or Trackball

USB Port or Parallel Printer Port (for local dongle)

CD-ROM drive or network access (for installation)

Authorization Information

iBridge is a licensed product and requires a dongle containing a valid permit in order to run. *iBridge* 8 uses the same dongle permits as previous versions of *iBridge*. Therefore existing users do not require a replacement dongle.

NetHASP License Manager

If you use a NetHASP authorization solution (network dongle), you are required to use License Manager 8.20, or higher.

Version 8.31 can be found on the product CD in the following location:

CD Drive: \Dongle\HASP Server\Windows

Further details regarding the installation of the License Manager are available in the NetHASP License Manager Guide.

NetHASP timeout

A timeout value is set for each client workstation so that the NetHASP server releases permits after 60 minutes of application inactivity. This prevents permits from being held indefinitely if they are not released at the end of a session.

NetHASP authorization

If you use a NetHASP authorization solution and you have specific configuration information in `NetHASP.ini` then if it exists you should copy the `NetHASP.ini` configuration file in your existing installation folder to the *iBridge* 8 folder.

Product Authorization in a Virtual Machine environment

If you are using i2 software in a virtual machine (VM) environment you will need to consider the following for reliable product authorization.

Hardlock (USB/Parallel Port)

If you are using Hardlock (standalone) dongle you need to ensure that your virtual machine environment has support for the port type of the dongle you are using (USB or Parallel)

NetHASP (USB/Parallel Port)

i2 strongly recommends that NetHASP (network) dongles and the License Manager software is installed in a non virtual machine environment on the same network as the i2 products that require authorization.

Client requirements

Note: Screen resolution must be set to at least 800 x 600. *iBridge* will run with a lower screen resolution but analysts may not be able to use the Explore window.

To run *iBridge* 8.0.1, you must have the following software installed:

- *Analyst's Notebook* 8.0.5 or later.
- Internet Explorer 6.0 or later.

A compatible version of Internet Explorer is included on the *iBridge* CD.

Please check the Microsoft Web site for information about any more recent versions of Internet Explorer, Service Packs or patches.

- Microsoft Data Access components (MDAC) 2.6 or later.

This will already be installed if you have *iBridge* on your computer.

If this is not already installed, a suitable language version of MDAC must be manually installed before the *iBridge* installer will run. Note that different language versions of MDAC 2.6 are available from the Microsoft Web site.

Note: MDAC 2.6 cannot be uninstalled and its installation may cause problems for other applications already installed on the computer, particularly those which use databases. We suggest that you initially install *iBridge* on a non-operational computer to resolve any problems without affecting users.

Supported Databases and Drivers

Database systems

- Microsoft Access 2000 (Service Pack 5)
- Microsoft Access 2002 (Service Pack 1)
- Microsoft Access 2003
- Microsoft Access 2007
- Microsoft SQL Server 2000
- Microsoft SQL Server 2005
- Microsoft SQL Server 2008
- Oracle 9i
- Oracle 10g (release 1 and 2)
- Oracle 11g

Database drivers

- Microsoft MDAC2.6 (or later) OLEDB for Jet 4.0
- Microsoft MDAC2.6 (or later) OLEDB for SQL Server
- Oracle OLEDB for Oracle
- Microsoft MDAC2.6 (or later) OLEDB for Oracle
- SQL Native Client (Provided as part of Specific SQL Server 2005 install)

Installation

Before installing *iBridge* please check that your system meets the requirements described in Hardware Specification on page 5.

Windows Terminal Services

If you are installing using Terminal Services then you must install using the Add or Remove Programs facility of Control Panel. To complete the installation *iBridge* users must log off and log on again.

If you are deploying on Citrix you must refer to the *i2 Products Packaging and Deployment Guide* for information on how to publish the application and end user profile information.

Installation steps

Using Setup.exe

To install *iBridge*:

1. Close all applications that you might have open.
2. If present remove any USB Authorization Device (Dongle).
3. Insert the product CD into your computer's CD drive.

The installation will start automatically. If it does not start automatically, you need to browse to the CD to run `Setup.exe`.

4. Follow the prompts to complete the installation.

The following shortcuts will be installed:

i2 ► iBridge 8	Start <i>iBridge</i>
i2 ► iBridge 8 ► Documentation	Access the product documentation in PDF format.
i2 ► iBridge 8 Designer	Start <i>iBridge Designer</i> .

Note: Administrator privileges are required in order to install *iBridge*.

Automated and silent installs

To install an i2 product with all of its default settings, but with no need for intervention from the user, you can perform a "silent install" like this:

```
Setup.exe /s /v/quiet
```

In terms of the installed product, issuing this command has the same effect as double-clicking the file and giving the simplest possible (affirmative) response to every question. However, the user sees no feedback at all about the installation process until the product shortcut appears on the **Start** menu.

To provide the user with a little more information about what is happening to their computer (but still using default options, and allowing no intervention), you can use `/passive` instead of `/quiet`:

```
Setup.exe /s /v/passive
```

For more details refer to the *i2 Products Packaging and Deployment Guide*.

Using Windows Installer (MSI)

This version of *iBridge* is available as an MSI Package. For more details on installing using Windows Installer please refer to *the i2 Products Packaging and Deployment Guide*.

Compatibility notes

iBridge 8 is backwards compatible with previous versions of *iBridge*. Previous versions of *iBridge* are also forwards compatible with *iBridge 8*.

<i>iBridge</i> version	Configuration file version	Opens in <i>iBridge</i> User?	Opens in <i>iBridge Designer</i>	Recommendation
2.0.5	3.0.1	OK	OK	None
3.0.1	2.0.5	OK	OK	None
3.0.1	2.0.1	OK	OK	None
3.0.1	1.2	OK	OK	None
3.0.1	1.1.3	OK	OK	Open in <i>iBridge 8.0.1 Designer</i> and Save
3.0.1	1.1.2	OK	OK	Open in <i>iBridge 8.0.1 Designer</i> and Save
3.0.1	1.0.0	OK	No	Open in <i>iBridge 1.1.3 Developer</i> , Set Case-

<i>iBridge</i> version	Configuration file version	Opens in <i>iBridge</i> User?	Opens in <i>iBridge Designer</i>	Recommendation
				Sensitivity flags and save. Then open in <i>iBridge 8.0.1 Designer</i> and save.

Third party software

Installing *iBridge* installs third party software. For full details of the third party software installed and how to prevent its installation, refer to the *i2 Products Packaging and Deployment Guide*.

Language specific files

The user locale setting controls the installation of language specific files and folders. For more details refer to the *i2 Products Packaging and Deployment Guide*.

Customizing installed files

For information on customizing installed files please refer to the *i2 Products Packaging and Deployment Guide*.

Modification and uninstallation

Installing *iBridge* adds an entry to your Add or Remove Programs. You can use this entry to change features of *iBridge*.

Known Limitations

iBridge

- Queries using “Ends With” and “Doesn’t End With” in query conditions will not return all the expected results under the following conditions: The underlying SQL Server data type being used in the query condition is Char or NChar and the **SQL Server Unicode DB** check box in *iBridge Designer* is turned on. (#2840)
- Link data may be incorrectly summed if any of the selected links have no or multi-directional arrows. (#2617)

If “Sum numeric” is selected in the link style tab of the “Charting Settings” menu of an *iBridge* connection, then any numeric data is summed as *iBridge* returns the links to *Analyst’s Notebook*. This sum is calculated by adding all numeric labels against links in one direction and subtracting the numeric labels against links in the opposite direction. Where links have no direction, or multi-direction, *iBridge* will assume a direction and add or subtract the value accordingly without notification to the user. This will lead to incorrect summation in 50% of cases. This has been reported in Technical Alert i2TA17.

- Databases in the Most-Recently-Used (MRU) list of the Data Sources Task Pane cannot be opened if they have the same name. (#2728)

If there are several *iBridge* databases with the same name, but with a different path in the MRU list in the Data Sources Task Pane, attempting to open a database further down the list results in the first item with the same name being opened.

- When a field name contains a mix of Arabic and English text and the field value contains Arabic data, this may display incorrectly. (#2596)
- When the system locale and language used are different, an error occurs when *iBridge* is started. (#2423)

iBridge Designer

- To ensure that *iBridge* functions correctly with Unicode data when using an SQL Server database, you should turn on the **SQL Server Unicode DB** check box in the Advanced page of the Properties dialog. By default this check box is turned off. You must turn it on if your database contains Unicode data in either primary keys or fields that will be used in query conditions. If your database does not contain Unicode data then turning this check box on can degrade performance. (#2832)

Note: If you have turned on the **SQL Server Unicode DB** check box you will not be able to open the file in *iBridge* 3.

- *iBridge* 8 does not support non-Unicode Oracle databases that contain Unicode data types. This is because Oracle does not support SQL statements that contain Unicode databases on these kinds of databases.
- The following SQL Server 2008 data types do not display correctly (for example, they can be sorted incorrectly, or generate a runtime error). (#2643 & #2649)
 - Date
 - Time
 - Datetimeoffset
 - Datetime2
 - Hierarchyid
 - Geography
 - Geometry
- The style and formatting for the *iBridge* configuration report is lost if viewed with Internet Explorer 8. (#2767)
- When a configuration report is saved in a valid location after attempting to in an invalid location, an error occurs on some non-English locales. (#2776)
- Configuration file names must match the language of your Windows locale. (#2562)
- When altering conditional link directions in *iBridge Designer*, you may find that not all of the alterations are reflected *iBridge*. If this is the case, please re-open and save the .ibg again in *iBridge Designer* to resolve the problem.

- If you add a bitmap file with a numeric file name (for example, 80.bmp) to the icons folder, *iBridge Designer* will fail to load the icons and generate a Warning message. To avoid this you should include an alphabetic character in the name of any file you add, for example a-80.bmp.
- For similar reasons, you should not use purely numeric names for entity types, link types, field aliases, and so on, in *iBridge Designer*. Although the configuration can be saved, *iBridge* will raise error messages when you attempt to use it.
- The Configuration Fixer cannot be used to fix problems in abstract types, for example if the data type of a field that has been used in an abstract type has changed. The solution is to fix the problem in the concrete types using the Configuration Fixer and then open the configuration file in *iBridge Designer* and make the necessary changes to the abstract type.
- When running *iBridge Designer* on Windows Vista, entity types and database tables appear as black text on a black background. The workaround for this is to change the default Windows theme to Windows Standard or Classic.

Limitations Specific to Microsoft Vista

iBridge can be installed and operates on Windows Vista.

Some third party components are not fully supported on Vista

Not all of the third party components that are installed and used by *iBridge* are claimed to be supported on Vista by their suppliers. As they become available i2 will include supported versions of third party applications in future releases. Unless stated in the known issues below the third party components have not been shown to cause issues.

What's This? Help is not natively supported in Windows Vista

iBridge uses Windows Help (winHlp32.exe) to deliver What's This? Help functionality. Microsoft is not shipping Windows Help with Vista. You can download a compatible version of Windows Help from Microsoft Download site

<http://go.microsoft.com/fwlink/?LinkID=82148>

More information can be found on Microsoft Knowledge Base

<http://support.microsoft.com/kb/917607>

i2 files cannot be indexed and searched by Vista search mechanism

The files created by i2 Products can not currently be indexed and searched by Windows Vista search mechanism.

Document Properties do not work on Windows Vista

Some entries in the summary information are not visible on Windows Vista. The 'Description' and 'Origin' sections are not visible through Explorer.

Some third party components are not fully supported on Vista (#31000)

Not all of the third party components that are installed and used by *Analyst's Notebook* are claimed to be supported on Vista by their suppliers. As they become available i2 will include supported versions of third party applications in future releases. Unless stated in the known issues below the third party components have not been shown to cause issues.

Contacting i2

Technical support is available to anyone whose organization has opted for our annual support program. If you have a question and cannot find a solution in the online help, you can send an e-mail to the i2 Technical Support team.

- For customers in North and South America, e-mail support@i2inc.com.
- For customers in the UK or the Rest of the World, e-mail support@i2.co.uk.

Note: If your i2 software was purchased from one of our distributors, please contact your supplier for technical support.

i2 International and i2 Americas Consulting services work with customers to understand specific requirements and then determine the best methods to get these requirements met through custom development, on-site training, or alignment with the right system integrator or product vendor.

For further information, contact your i2 supplier, or visit the i2 Web site at: www.i2group.com.