

# i2 Data Miner 8 Release Notes

Version 8.0.1  
December 2009  
Part Number: 2149

*i2 Data Miner 8* is a numerical analysis tool. It allows you to analyze large amounts of data and find whether patterns exist in subsets of data, and whether these patterns repeat in predictable ways. It can only be installed as part of *Analyst's Workstation 8*.

Before installing *Data Miner*, or any of the other products in the *Analyst's Workstation 8* product bundle, we recommend that you uninstall *Analyst's Workstation 2* if present.

Existing *iBase 5* security files and databases must be upgraded to *iBase 8.0.3* in order to make available the new features in *iBase 8*. However, during the upgrade period, *Data Miner 8* users can continue to work with *iBase 5* databases but these users cannot use the new features in *iBase 8* until the databases are upgraded.

**Note:** Before installing *Data Miner 8*, we recommend that you read these release notes, as well as the release notes for *i2 Analyst's Notebook 8*, *i2 iBase 8.0.3*, and *i2 iBase GIS Interfaces 8*.

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## Release Contents

*Data Miner 8* is provided as part of *i2 Analyst's Workstation 8*, and is a compatible release for *i2 iBase 8.0.3*, *i2 Analyst's Notebook 8*, and *i2 iBase GIS Interfaces 8*.

The following table summarizes the *Data Miner* releases:

Version	Release Date
<i>i2 Data Miner 8.0.1</i>	December 2009

## Notes for Existing Users

Installing *Data Miner 8* on a computer where *Data Miner 3* is already installed will automatically uninstall *Data Miner 3*.

Although, you can install *Data Miner 8* in parallel with *Data Miner 2*, this is not a supported combination—all earlier versions of *Data Miner* should be uninstalled.

## Compatibility notes

### Data Miner 3

*iBase* databases created for, or upgraded to, *iBase 8* are not compatible with *Data Miner 3*.

Cubes built for *Data Miner 3* on a server running SQL Server 2000 are not compatible with *Data Miner 8* if you also upgrade to a later version of SQL Server. See the *Upgrade notes* on page 3 for further details.

For information on upgrading databases that were initialized for use with *Data Miner 3*, as well on working with *iBase 5*, see the *Upgrade notes* on page 3.

### iBase

*Data Miner 8* is compatible with *iBase 8.0.3*.

*Data Miner* cannot be used with any version of *i2 iBase Database Replication*.

### Microsoft Office Products

*Data Miner 8* interoperates with applications in the following versions of Microsoft Office:

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

*Data Miner 8* can work with documents created by the following versions of Microsoft Office:

- Office 2000 (all editions)
- Office XP (all editions)
- Office 2003 (all editions)
- Office 2007 (all editions)

**Note:** Office 2007 is not supported if the Office 2007 Compatibility pack is installed for Office 2003.

## Upgrade notes

You must upgrade existing *iBase* 5 databases and security files that you want to use with *Data Miner* 8. *iBase* 5 databases that have been initialized for use with *Data Miner* 3 should be converted to Unicode using *iBase* 8.0.3—the version of *iBase* installed as part of *Analyst's Workstation* 8.

In order to minimize disruption during a phased upgrade, *Data Miner* 8 users can continue to work with *iBase* 5 databases but these users cannot use the new features in *iBase* 8 until the databases are upgraded. Upgraded databases and security files cannot then be used with *Data Miner* 3.

*Data Miner* cubes are not affected by the upgrade from *iBase* 5 to *iBase* 8.0.3. However, if you choose to upgrade your *iBase* databases from SQL Server 2000 to SQL Server 2005 or 2008, you will also have to convert your cubes from SQL Server 2000 Analysis Services to SQL Server 2005 or 2008 Analysis Services.

There are a number of known limitations when upgrading from Analysis Services 2000 to Analysis Services 2005 or 2008 that will affect *Data Miner* 8 cubes. For this reason, it is recommended that you delete all existing cubes in *Data Miner* 3 prior to the upgrade from *iBase* 5 to *iBase* 8.0.3 and SQL Server 2000 to 2005 or 2008. After the *iBase* databases have been upgraded, use *Data Miner* 8 to rebuild the cubes on the Analysis Services 2005 or 2008 server.

For detailed information, see the white paper *Upgrading to i2 iBase 8 and i2 Analyst's Workstation* 8.

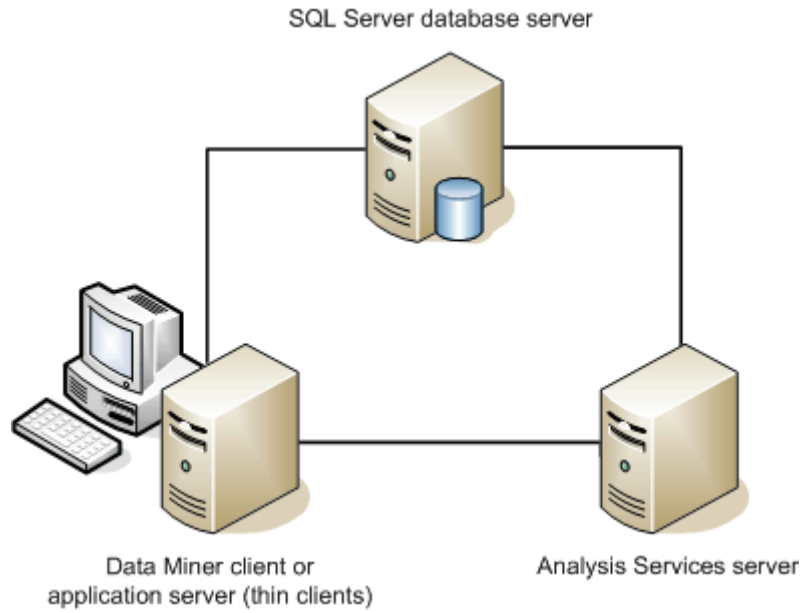
## Configuration Options for Data Miner

You can run *Data Miner* on a system configured in a number of ways, and regardless of how the system is configured, it will contain these elements:

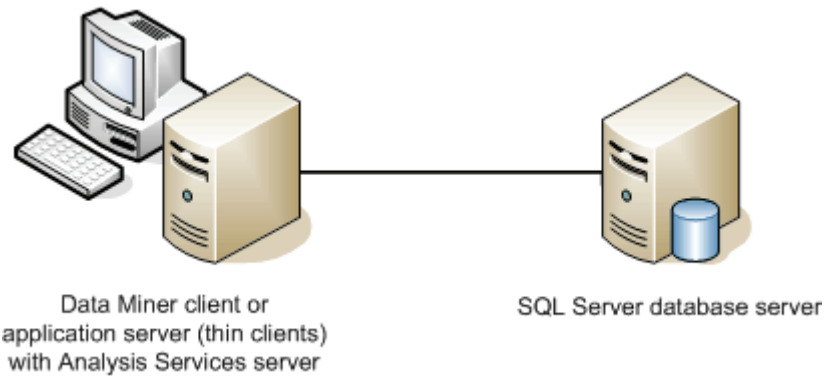
- Microsoft SQL Server database server to host your database(s)
- Microsoft Analysis Services server for building *Data Miner* cubes
- Clients or an application server with thin clients (if using Windows Terminal Services or a Citrix environment)

The following figures summarize the possible configuration options for your system.

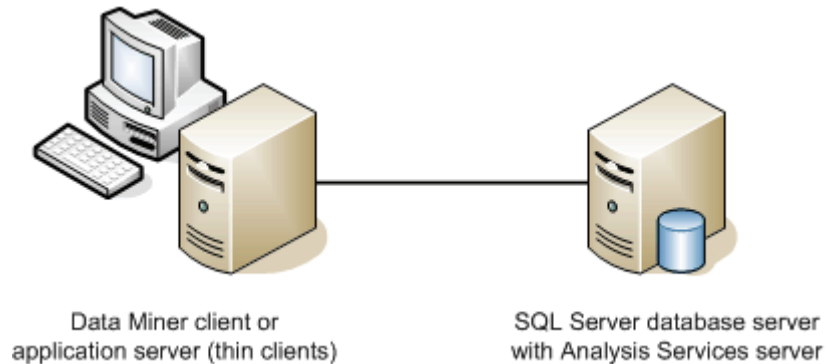
Configuration option 1:



Configuration option 2:



Configuration option 3:



For additional information on these configurations, see the *Administration Center* document, *Setting Up Data Miner*.

## Data Miner Clients or Application Server

These are the recommended system hardware requirements to run *Data Miner*.

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### Requirement

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At least 2 GHz processor computer

At least 1 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 prerequisites). 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)

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**Note:** This is suitable for operating *Data Miner* and *iBase GIS Interfaces*. However, you should check the system requirements for any GIS applications you use as these may exceed the above recommendations.

For large databases the performance depends on the amount of memory on each client using the database and not just on the file server hosting the database file.

When considering hardware requirements, the underlying operating system should also be taken into account. For example, Windows XP and Vista consumes more resources for the core operating system than Windows 2000, so it might be necessary to increase the amount of recommended RAM for this platform.

## Operating systems

These are the supported desktop operating systems for *Data Miner*.

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### Desktop Operating Systems

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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) and Security Update KB835732, or Update Rollup 1 (KB891861)

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These are the supported server operating systems:

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### Server operating systems offering thin client environments

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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 Advanced Server SP4 or later with Terminal Services enabled

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

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**Note:** Wireless networking and Wide Area Networks (WANs) are not suitable for use with *Data Miner* because all client machines require a continuous network connection to the *iBase* database.

*Data Miner* is supported in English only on the Western Europe & USA regional versions of the supported operating systems.

## Windows 7 and Virtual Machine Environments

See the *i2 iBase 8.0.3 Release Notes* for information on support for Windows 7, as well as support for virtual machine environments.

## Third party software

*Data Miner* requires that Microsoft .NET Framework 2.0 SP1 is present on the installation system. A compatible version of Microsoft .NET Framework is included on the Pre-requisites CD.

*Data Miner* needs the MDAC libraries version 2.6 (or later). On Windows 2000 systems, an appropriate version of the MDAC libraries must be installed before installing *Data Miner*. MDAC 2.8 SP1 is included on the Pre-requisites CD. Alternatively, you can download the latest version from <http://www.microsoft.com/download>.

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

## SQL Server requirements

Before you can install *Data Miner* on a client machine, you need to install the appropriate Analysis Services client components for your version of SQL Server as described below.

If *Data Miner* cubes are to be built on the client machine, Analysis Server must also be installed; for details, see *Analysis Servers* on page 8.

**Note:** All clients, SQL Server database servers, and Analysis servers must be at the same SQL Server service pack. If you install Analysis Services after installing an SQL Server service pack, you must apply the Analysis Services service pack.

### SQL Server 2008 — new installations only

For new SQL Server 2008 installations on client machines, you require the following prerequisites.

These are provided on the Pre-requisites CD in Pre-requisites\Microsoft SQL Server 2008 in a Win32 or Win64 folder, and should be installed in the order in which they are listed.

1. SQLServer2005\_BC.msi

Microsoft SQL Server 2005 Backward Compatibility Components, Decision Support Objects as shipped in the SQL Server 2008 Feature Pack. For details, see <http://www.microsoft.com/downloads/details.aspx?FamilyID=228de03f-3b5a-428a-923f-58a033d316e1&DisplayLang=en>

2. sqlncli.msi / sqlncli\_x64.msi — Microsoft SQL Server Native Client

3. SQLServer2005\_XMO.msi

Microsoft SQL Server 2005 Management Objects Collection Hot Fix KB936081 — for details, see <http://support.microsoft.com/kb/936081/en-us>

4. msxml6\_x86.msi / msxml6\_x64.msi — Microsoft Core XML Services (MSXML) 6.0

5. SQLServer2005\_ASOLEDB9.msi — Microsoft SQL Server 2005 Analysis Services 9.0 OLE DB Provider

For further details on the prerequisites listed above, see the Feature Pack for Microsoft SQL Server 2005 - December 2008:

<http://www.microsoft.com/downloads/details.aspx?displaylang=en&FamilyID=536fd7d5-013f-49bc-9fc7-77dede4bb075>

### SQL Server 2008 — upgraded from SQL Server 2005 only

If SQL Server 2005 client software is already installed on the client machine then you need to upgrade the client software to SP3:

<http://www.microsoft.com/downloads/details.aspx?familyid=AE7387C3-348C-4FAA-8AE5-949FDFBE59C4&displaylang=en>

### SQL Server 2005

For SQL Server 2005 installations on client machines, you require Microsoft SQL Server 2005 Analysis Services SP2 or SP3 (Client Components – Business Intelligence Development Studio). The Service Pack version must be the same as the SQL Server database server and the Analysis server.

**Note:** To connect to SQL Server 2008 databases, you will need to upgrade to SP3.

<http://www.microsoft.com/downloads/details.aspx?familyid=AE7387C3-348C-4FAA-8AE5-949FDFBE59C4&displaylang=en>

### SQL Server 2000

For SQL Server 2000 installations on client machines, you require the following prerequisites. Install the following in the order in which they are listed:

1. Microsoft SQL Server 2000 Analysis Services SP4 Client Components and Decision Support Objects
2. Microsoft Core XML Services (MSXML) 6.0 (on the Pre-requisites CD in the folder Pre-requisites\Microsoft SQL Server 2000)

**Note:** You may be prompted to install an appropriate version of Windows Installer from the Pre-requisites CD before you can install MSXML6 and OLEDB9.

3. Microsoft SQL Server 2005 Analysis Services 9.0 OLEDB Provider (on the Pre-requisites CD in the folder Pre-requisites\Microsoft SQL Server 2000)

## SQL Server Database Servers

The overall success of *Data Miner* is dependent on using a suitable server machine to run the SQL Server instance. The volume of data, the number of clients and the type of analysis work will combine to determine the specification of the server machine. Suitable machines are specialist high performance server machines with high performance disk subsystems and

large amounts of physical memory and disk space. See the *i2 iBase 8 Release Notes* for details of supported operating systems and SQL Server versions for server side *iBase*.

**Note:** All clients, SQL Server database servers, and Analysis Servers must be at the same service pack level.

*Data Miner* does not support case sensitive server settings.

## Using firewalls on a server machine

If you want to access an *iBase* database or build *Data Miner* cubes on a remote machine, any firewall on the remote or local machine must be configured to allow both SQL Server and Analysis Services access. This particularly affects Windows XP SP2 or later where the Windows Firewall is enabled by default. For further details, see the *i2 iBase 8 Release Notes* or the *Administration Center* document, *Setting Up Data Miner*.

## Analysis Servers

An Analysis Server is required to build *Data Miner* cubes, for which you will need to install SQL Server Analysis Services.

There are additional system requirements if the machine used as the Analysis Server is also used to run *Data Miner* or if it is used as the database server. For details of these additional requirements, see *Data Miner Clients or Application Server* on page 5, and *SQL Server Database Servers* on page 7.

**Note:** All clients, SQL Server database servers, and Analysis Servers must be at the same SQL Server service pack.

If you install Analysis Services after installing an SQL Server service pack, you must apply the Analysis Services service pack.

For further information on how to specify where cubes are built, see the *Administration Center* document, *Setting Up Data Miner*.

## Authorization Information

*Data Miner* is licensed as part of *Analyst's Workstation 8* only, and requires a dongle containing valid permits in order to run.

For detailed information on NetHASP License Manager, NetHASP timeout, and NetHASP authorization, as well as product authorization in a virtual machine environment, see the *i2 iBase 8 Release Notes*.

## Documentation

### Administration Center

Information specifically for administrators of all the products in the *Analyst's Workstation 8* product bundle is provided in the *Administration Center*. This documentation can be installed by selecting the Administration Center feature when installing *Data Miner*. Installation is

optional. An **Administration Center** shortcut will be added to the Start menu under the **i2 ▶ i2 iBase 8 ▶ Documentation** program group.

The document *Setting Up Data Miner* can also be run from the Product CD. To run it, double-click on `AdministrationCenter.chm` in the `Administration Center` folder.

**Note:** The *Administration Center* must be installed on a local drive—you cannot view its contents over the network.

## White papers

The following white paper is available for this release:

Document Title	Part Number
<i>Upgrading to i2 iBase 8 and i2 Analyst's Workstation 8</i>	2192

## Manuals

The following product documentation is available for this release:

Document Title	Part Number
<i>i2 Analyst's Workstation 8 Quick Start Guide</i>	2239
<i>i2 Data Miner 8 User Guide</i>	2238

Both guides are available in PDF format only. To view or print all or part of these documents, select the following from the Start menu:

### **Programs ▶ i2 ▶ i2 Data Miner 8 ▶ Documentation**

i2 user documentation is example based and is designed to help users learn how to use the software. We recommend that you set up the example databases so that users can work through the examples. The example material is described below.

## Example material

Example databases for *Data Miner* are provided on the Pre-requisites CD, as self-extracting zip files for SQL Server 2000 and SQL Server 2005/2008.

Three databases form the basis of the examples in the *i2 Data Miner 8 User Guide*:

- *Accidents 3years* is a database that includes Fatality Analysis Reporting System (FARS) data from the United States Department of Transportation (DOT) National Highway Traffic Safety Administration (NHTSA). To protect individual privacy, no personal information such as names, addresses, or specific crash locations is used.
- *Financial Transactions* is a database which contains details of fictional financial transactions. Any resemblance to real financial data is purely coincidental.
- *Crime and Disorder* is a database with fictional multi-agency data including incident types, locations, dates, and times. Any resemblance to real people or events is purely coincidental.

Databases must be initialized for use with *Data Miner*. For information on installing and initializing the example databases, see the *Administration Center* document, *Setting Up Data Miner*.

**Note:** You cannot initialize a database or set an application password in *Data Miner* 8 if the *iBase* database is version 5.

### **iBase example database**

The *User Guide* database is installed with *iBase* and is a more general database that can be used to exercise many of the new features of *Analyst's Workstation*. For information on preparing this database for use with *Data Miner*, see the *Administration Center* document, *Setting Up Data Miner*.

## **Installation**

**Warning:** *Data Miner* installs and uses components from ProClarity® version 6.3 SP3. If you want to install it on the same machine as other products using ProClarity components, you should contact i2 for advice.

Before installing *Data Miner* please check that your system meets all the requirements described in *Configuration Options for Data Miner* on page 3. In particular, verify that it meets the SQL Server requirements as these are not checked by the Installation Manager. You need to install *iBase* before you can install *Data Miner*.

### **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, *Data Miner* users must log off from Terminal Services and then 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**

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

#### **Using Setup.exe**

To install *Data Miner*:

1. Close all applications that you might have open.
2. If present, uninstall *Analyst's Workstation 2*.

**Note:** i2 does not support the use of *Analyst's Workstation 8* on a computer where *Analyst's Workstation 2* is already installed.

3. If present remove any USB Authorization Device (Dongle).
4. Insert the Product CD into your computer's CD drive and follow the links to start the installation.

The Installation Manager will start automatically. If it does not start automatically, you need to browse to the CD to run `setup.exe` in the root folder of the CD.

5. Before the installation of *Data Miner*, you will be asked for the setup type:

<b>Complete</b>	Installs <i>Data Miner</i> and all the documentation, including an additional <i>Administration Center</i> document on <i>Setting Up Data Miner</i> .
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<b>Custom</b>	<p>Allows you to select which documentation you require.</p> <p>We recommend that you install the Administration Center on machines used by system and database administrators as you may need to refer to it in order to set up and configure <i>Data Miner</i>.</p> <p><b>Note:</b> Installing the Administration Center as part of <i>Data Miner</i> will also install the Administration Center document <i>Setting Up Data Miner</i>.</p>
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6. Some additional installation and configuration may be required before your system is ready for use. For details, see the Administration Center document *Setting Up Data Miner*. This explains how to set up Analysis Servers for cube building, configure users, and initialize databases. The Administration Center is available on the Windows Start menu under the **i2 ▶ i2 iBase 8 ▶ Documentation** program group.

### Alternative installation options

Advanced options for installing this product are described in the *i2 Products Packaging and Deployment Guide*. This explains how to perform automated and silent installs and use the advanced features provided by the Windows Installer (MSI), and includes details on customizing installed files, details of third party software installed and language specific files.

### Known Limitations

This section describes the limitations in *Data Miner 8*.

#### Data Miner and Unicode-enabled iBase databases

*iBase 8* introduces the ability to store any Unicode character within the *iBase* database. However, *Data Miner 8* can only display characters which match the locale of the machine on which *Data Miner* is installed. In most instances attempting to display characters which do not match the locale of the *Data Miner* installation will result in question marks being displayed in their place. This is a known limitation of the third-party components used within *Data Miner*.

#### Data Miner general limitations

##### Drill to Detail

Chart properties, perspective tree properties, and decomposition tree properties all contain a **Drill to Details** option where you can choose the number of records to retrieve or retrieve all. This function does not actually control the data retrieved-it has no effect on the chart or tree created.

##### Disappearing menu bar

In certain circumstances the *Data Miner* menu bar may disappear. Click anywhere on the background of the application to make it reappear.

##### Save as JPEG menu command

This command is no longer available. As a workaround, copy the chart to another application, such as Windows Paint, in which it can be saved as a JPEG.

## Windows Terminal Services

If you are running an application server farm with Citrix and you have an instance of Analysis Services running on each application server then the following information will apply to you.

Your users may build *Data Miner* cubes using an instance of Analysis Services running on one server, and in a later session need to read them from a thin-client session running on another application server. When reading a cube built by another instance of Analysis Services, *Data Miner* briefly makes use of the service running on the application server that built the cube. You may see an error if this server is no longer available.

## Aggregate members

### Aggregates with duplicate names

An aggregate must have a unique name even if the aggregate exists in another dimension.

### Aggregate members in transaction cubes (SQL Server 2000)

If aggregate members are created for a dimension in transaction cubes and the "Count of <Entity Name>" measure is selected, then columns on the chart will always be displayed as zero.

### Aggregate member names

You cannot change the letter case of an existing aggregate member name.

### Right-clicking on aggregate member legend entries

If a chart has columns based on aggregate members and a right-click is performed on the corresponding legend entry, the Show Records command will result in a warning message: Unable to drill through Source Records.

### Display problem in Current Members dialog

A display problem occurs in the Current Member dialog when there are multiple members in a range aggregate member.

## Charts

### Callout values

Potentially misleading values are displayed on columns with values greater than 1000 when callout values are turned on through the chart properties. For example, 7004 is displayed as 7.0. This is because they are displayed at the same scale as the axis labels, which change to thousands (indicated by K) when the axis goes to 10,000 or more. Similarly, on Auto Scaling (the default), the callout values are always rounded.

Callout values do not indicate any scale factor that has been applied using custom measures.

### Missing scroll bars on bar charts

There are no scroll bars on bar charts that have multiple columns where each column has a legend. This prevents the display of lower entries. In previous versions, as each bar was highlighted, the legend scrolled down as required to highlight the relevant legend. This does not occur in latest version.

## Move Count to Right Axis

You can no longer move the count to the right axis by right-clicking on the column. You now do this using the Series Properties dialog.

## Pie charts

When displaying your data as a pie chart, you can drill down to show each individual member as a pie chart. Each pie chart has a title showing the name of the dimension member and an overall chart title. However, if there is only a single member, there is no title displayed above the pie chart apart from the overall chart title.

## Show Only command

You can no longer select a column by right-clicking and selecting the **Show Only** command from the shortcut menu (although you can use **Select From List** to select the column). The **Show Only** command for the column is only available by right-clicking on a selected bottom axis label. Note that this behavior is similar to the drill-down function.

## Series Type

You can no longer right-click on a column to change the series type. This is now relocated to the Series Properties dialog, where you can assign a series type to each column.

## Cubes and workspaces

### Limitations specific to SQL Server 2005 or later

- Users no longer get a Failed Lock message preventing them from deleting or renaming a cube if they try to do this in a different session of *Data Miner* to the session in which the cube is already open. If the user tries to continue using a cube that has been deleted in the other session, various error messages are displayed depending upon what they are trying to do.

**Note:** The following message may be displayed: The query failed: You may have lost connection to the server or the cube may have been deleted in another Data Miner session. Please close this cube and try again.

- Cubes will be built even if the measures are all zero (for example if you applied a query source that returned no rows), and no warning is displayed. On SQL Server 2000, a message is displayed and the cube is not built.

### Limitations specific to SQL Server 2000

If multiple members of the background item are selected due to the fact that the Children of 'Dimension Name' member is selected then a blank chart is displayed (because *Data Miner* cannot reduce to the first member and so a blank chart is drawn). If, however, the individual members of the background dimension are selected and the chart is updated then the first member of the dimension is selected and a chart is displayed.

### Cubes with large numbers of members

Performing analysis on a cube with a large dimension may cause *Data Miner* to become unresponsive. *Data Miner* will warn the user if it detects a very large number of members.

## Building and opening a cube from iBase

When *Data Miner* is accessed from *iBase* for the first time in a session, you may see the message "Cannot open this database: a database with the same name is already open". This only occurs when you start a session of *iBase* and *Data Miner*, opening the same database in both, then use *iBase* to build a cube and then open the built cube from *iBase*.

## Blank date and time values

In *Data Miner*, blank dates have the default value 01/01/1753. The year part of the date is easy to recognize but the time, day, and month parts are not easily identifiable:

- A blank date will appear in charts as Day of Week `Monday` or as Week No. 1, for example.
- A blank time will have the default value `11:11:11`.

As a workaround, run a query to omit records with blank dates and times. However, any cube built using the results of the query will omit records that you may want to include in your overall figures.

## Cases and deleting cubes

Before you delete a user or revoke a user's access to a case, you must ask the user to delete any cubes that they have built. If you do not do this then, you will need to use Analysis Manager in Microsoft SQL Server Management Studio to manage that user's cubes once you have deleted the user or revoked a user's access to a case.

## Displaying tool tips

When moving around the Axis/Measure Selection area, you can be left with the shadow of a tooltip on the screen. The shadow persists across all applications on the machine until you close *Data Miner* at which point it disappears.

## Inconsistent filtering of data when loading workspaces

Loading a new build of a cube into a saved workspace can result in inconsistent behavior when restoring members of a dimension on which a filtering or sorting operation has been applied.

The members listed depend upon how the unfiltered chart was derived. If a drill-down operation from the All Level was carried out, or descendants of the level have been chosen manually, then the Children of the level will be displayed, even if these have changed in the new cube. Manually selecting all members, results in them being listed by name. Any new members in the new cube will not be included.

## Date dimensions in workspaces

Be careful when drilling down into a date dimension and then saving the workspace in order to reapply the same analysis to a new cube. It is recommended that you always reset the date dimension before starting analysis on a new set of dates. If you save the workspace after drilling down, the members of the dimension will otherwise be a fixed set of dates which will NOT be updated when applied to a new cube.

## Workspace entries do not store chart title or background dimensions selection

Reverting to a previous workspace entry, which should show that the count of data is 'sliced' as a result of a background dimension having several items selected, results in the right total on the chart but the wrong chart title and no reference to the background dimension in the Background area (it disappears). This could prove confusing for a user.

## Workspaces with two open cubes

When moving between the dimensions in two open cubes, it is possible for *Data Miner* to become confused. When this happens, the following messages are displayed:

- The parameter is incorrect.
- Access violation at address 10DDEDE0 in module 'vd70.bpl'. Read of address 00000040.

## Decomposition trees

### Calculated measures in decomposition trees

Calculated measures are not displayed when searching for measures in the Decomposition Tree Wizard.

### Sorting of aggregate members

Aggregate members are always sorted alphabetically in the Dimension tree.

## Grids

### Copying grids

If you make the Title visible in a grid and then copy the grid, the title will be lost when the grid is pasted into another application.

### Highlighting zero values

It is currently not possible to highlight zero values if you choose to display zero values in a grid and then create an exception to highlight them (such as "Count of Crime"|"less than"|10).

## Perspective charts

### Zooming in a perspective chart

The **Zoom** command only appears when you drag from top left to bottom right. Dragging from any other corner will not display the **Zoom** command.

### Wizard behavior

When using the Decomposition Tree Wizard and Perspective Wizard, the option **Skip this screen in the future** has no effect.

### Single hierarchy with measures as rows

In the Perspective Chart wizard, clicking **Finish** displays a *Query Failed! Catastrophic Failure* message. This occurs when only one hierarchy is visible and the

measures are on the row. To remove the message, start the Task Manager and end the task. Ending the task will also end *Data Miner*.

## Show records

When you right-click on a chart column and select the **Show Records** option, the Show List dialog is displayed in front of the Range Chart dialog. However, when you switch to another application and then switch back, the Show List dialog is displayed behind the Range Chart dialog.

In SQL Server 2000, you cannot use the **Show Records** command in charts or grids when the Count of Entity is selected; an error message will appear.

In SQL Server 2005 or later, you can use the **Show Records** command in charts and grids when Count of Entity is selected. However, it will display the related link records and not the entity records-the number of link records is likely to be different from the Count of Entity. As a workaround, we recommend sending the records to an *Analyst's Notebook* chart.

**Note:** In SQL Server 2005 or later, drilling-down to the source records requires a dimension (zzi2ID) that contains the record IDs. This can be ignored; it will be invisible in the Axis/Measures Selection area when the cube is opened.

## Microsoft Vista Known Limitations

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

*Data Miner* 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 in the Microsoft Knowledge Base article KB917607, which is accessible from the previous hyperlink.

## 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](mailto:support@i2inc.com).
- For customers in the UK or the Rest of the World, e-mail [support@i2.co.uk](mailto: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](http://www.i2group.com).