

i2 Analyst's Workstation 2

Release Notes

Version 2.1.3
August 2006
Part Number: 1172
Issue No. 1.0

Analyst's Workstation is an integrated collection of analytical tools, designed to allow you to use the full range of i2's analytical techniques without losing the thread of your work.

You cannot mix *Analyst's Workstation 2.1.3* with previous versions of *Analyst's Workstation 2*. For details of compatibility with previous versions and other i2 products, see *Installation* on page 13.

Note: We recommend that you read these release notes before installing *Analyst's Workstation 2*.

Contents

Release Contents	2
What's New In This Release	2
Release History	3
System Requirements	7
Authorization Information	12
Documentation and Examples	13
Utilities	15
Installation	15
Enhancements and Bug Fixes	20
Known Limitations	20
Contacting i2	21

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Release Contents

This release of *i2 Analyst's Workstation 2.1.3* comprises:

Product	Version
<i>Analyst's Notebook 6</i>	6.0.55 SR3
<i>iBase 4 SSE</i>	4.1.3
<i>Data Miner 2</i>	2.1.3
<i>Analyst's Workstation TCA</i>	1.0.3 (UK only)
<i>iBase GIS Interfaces</i>	1.2.55

What's New In This Release

Analyst's Workstation 2.1.3 is a maintenance release that enables the use of *iBase* databases created for either SQL Server 2000 or SQL Server 2005. It also provides a compatible release for *TextChart 2*. It contains a number of enhancements and bug fixes. The following table summarizes the *Analyst's Workstation 2* releases:

Version	Release date
<i>Analyst's Workstation 2.1.3</i>	August 2006
<i>Analyst's Workstation 2.1.1</i>	March 2006
<i>Analyst's Workstation 2.0.55</i>	December 2005
<i>Analyst's Workstation 2.0.5 SR1</i>	February 2005
<i>Analyst's Workstation 2.0.5</i>	April 2004
<i>Analyst's Workstation 2.0.3</i>	November 2003
<i>Analyst's Workstation 2.0.1</i>	June 2003 (UK only)

For details of these releases, see page 6.

Notes for existing users of i2 software

If you are upgrading from *Analyst's Notebook 6* or *iBase 4*, or a previous version of *Analyst's Workstation 2*, you will need to uninstall your existing software before installing *Analyst's Workstation 2.1.3*.

Existing *iBase* security files and databases must be upgraded to work with *iBase 4.1.3* or *Analyst's Workstation 2.1.3*. Upgraded security files and databases cannot be used with earlier versions of these products. For further details on upgrading, see *Upgrade notes* on page 17.

Note: Contact i2 Technical Support, if you are upgrading from an earlier version of *Analyst's Workstation* or from *iBase 3*.

Release History

This section describes previous *Analyst's Workstation* releases, starting with a description of the power2 technology introduced for version 2.0.55.

power2

Analyst's Workstation 2.0.55 was the first release to have power2 technology built-in.

power2 technology provides:

- a new way of handling data based on what it means rather than how it was originally recorded
- the capability for you to categorize and identify the elements of the data as the real-world entities that they represent. By doing this, you will be able to benefit from new features in *Analyst's Notebook* and *Data Miner*.
- a means for you to acquire and interpret more data from more sources, more conveniently

To work with the power2 features you must upgrade all of your i2 products to versions with power2 built-in.

To gain maximum benefit from power2 you will also need to configure your data as detailed in the *Guide to power2*. See the *Working with power2* section of these release notes for an overview.

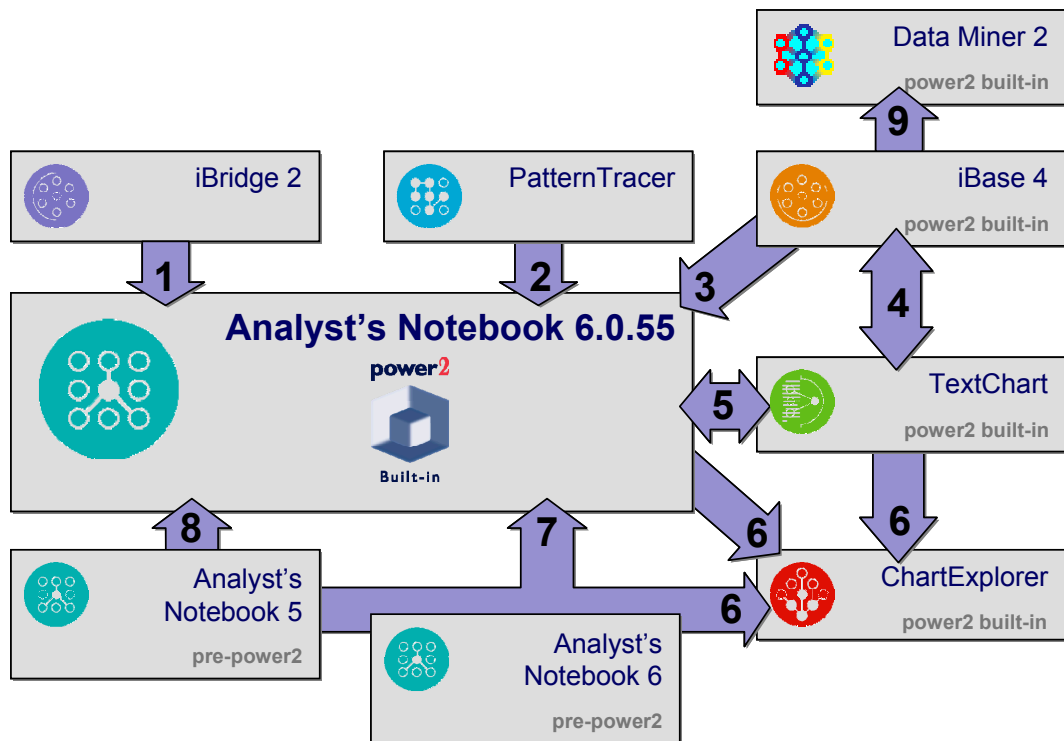
For compatibility information refer to the section titled *Compatibility notes* in these release notes.

For detailed information on power2 refer to the *Guide to power2*.

Working with power2

A key feature of power2 is the ability to provide data with additional identifiers that express the meaning. We refer to this as assigning semantic types to the data. This improved information content is used in various ways to assist with analysis and operational activities. In order to take full advantage of power2 you need to consider how you use i2 products, either individually or with multiple products in a workflow. The following sections identify the actions you will need to take to get maximum benefit from your combination of i2 products when you deploy power2.

If you exchange data between i2 products, then the information below will help you understand what you need to do to take advantage of the new power2 features. In the diagram the numbered arrows indicate which paragraph to read. For instance if you chart from *iBase* to *Analyst's Notebook* you should read paragraph 3, titled *iBase 4 → Analyst's Notebook 6.0.55* or if you want to exchange charts created with earlier versions of *Analyst's Notebook* you should read paragraphs 7 and 8.



1. iBridge 2 → Analyst's Notebook 6.0.55

Data charted using *iBridge* can be semantically enabled by using a suitably configured *Analyst's Notebook* template. You will need to upgrade the *Analyst's Notebook* templates you currently use with *iBridge*.

You may also need to extend the use of attributes within the *iBridge* database configurations you use to provide the data used by Find Matching Entities (Smart Matching).

For information on how to do this refer to Chapter 8 of the *Guide to power2*.

2. PatternTracer → Analyst's Notebook 6.0.55

There is no explicit use of the *power2* semantics in *PatternTracer*. However, when used with a suitably configured *Analyst's Notebook* template, semantic functionality will be available in the chart. Refer to Chapter 8 of the *Guide to power2* for more information.

3. iBase 4 → Analyst's Notebook 6.0.55

You can semantically enable your *iBase* schema using *iBase Designer*. Data which is then charted in *Analyst's Notebook* will be ready for use by Find Matching Entities (Smart Matching). You do not need to assign semantic types to the whole *iBase* schema; only those parts that benefit from the categorization and matching features.

Refer to Chapter 9 of the *Guide to power2* for advice on how to do this.

4. iBase 4 ↔ TextChart

You can load *TextChart* visualizations into an *iBase* database. To assist with handling changes in the *iBase* database schema or *TextChart* template, or to target multiple databases, you can assign semantic types in *iBase* and *TextChart* which will later be used to keep the *TextChart* visualizations produced using the template aligned with the *iBase* schema.

Refer to the Introduction to Part II of the *Guide to power2* for more information.

5. TextChart ↔ Analyst's Notebook 6.0.55

You can assign semantic types in *TextChart* templates using *TextChart Designer*. Data that is captured into *TextChart* is then automatically available for use by Find Matching Entities (Smart Matching) in *Analyst's Notebook*.

You should read Chapter 6 of the *Guide to power2* for advice on choosing semantic types and the *i2 TextChart Designer Guide* for advice on how to create a template.

6. ChartExplorer

ChartExplorer can search charts from version 5 and version 6 of *Analyst's Notebook* and visualizations from *i2 TextChart*. You do not need to take any specific actions to take advantage of Intelligent Search in *ChartExplorer*.

7. Analyst's Notebook 6 (pre-power2) → Analyst's Notebook 6.0.55

When you open pre-power2 charts in *Analyst's Notebook* 6.0.55 the semantic types for the entities will be assumed from the icons used. In this case features such as Find Matching Entities (Smart Matching) will be enabled, though they will have a minimum amount of information to work with. To enhance the capabilities you can upgrade a chart by merging it with a template to which you have assigned semantic types. See Merging Templates in the *Analyst's Notebook* online help.

Note: You may open *Analyst's Notebook* 6.0.55 charts in earlier versions of *Analyst's Notebook* 6. However if you modify them there, you may lose some of the semantic information. It is best to think of this as a one way process.

8. Analyst's Notebook 5 → Analyst's Notebook 6.0.55

When you open *Analyst's Notebook* 5 charts in *Analyst's Notebook* 6.0.55 the semantic types for the entities will be assumed from the icons used. The situation is the same as that described in section 7 above.

9. iBase 4 → Data Miner 2

Data Miner 2.0.55 provided a new cube type in which fields from multiple entity types in the *iBase* database can be aligned using semantic types. This makes it possible to analyze data combinations that previously would have required changes to the database schema or expensive data preparation. Refer to the *Using Combined Entity Cubes* chapter of the *i2 Data Miner Guide* on how to build cubes using semantic types.

Previous versions of Analyst's Workstation 2

This section describes the changes between versions 2.0.1 and 2.1.1.

Version 2.1.1 (UK only)

Analyst's Workstation 2.1.1 provided *Analyst's Workstation TCA*, an application for analyzing telephone call data received from service providers and forensic data obtained from mobile devices. It also provides enhancements and bug fixes for other products in the *Analyst's Workstation* suite of products. This release required security and databases files to be upgraded.

Version 2.0.55

Analyst's Workstation 2.0.55 was a major new release containing *Analyst's Notebook 6.0.55*, *iBase 4.0.55*, *Data Miner 2.0.55*, and *GIS Interfaces 1.2.55* with power2 technology built-in.

For a summary of power2, see page 3, and for detailed information refer to the *Guide to power2*.

Version 2.0.5 SR1

Analyst's Workstation 2.0.5 SR1 contains *iBase 4.0.11 SR3* and *Data Miner 2.0.5 SR1*.

iBase 4.0.11 SR3 provided an upgraded *iBase 3 to 4 Converter*, and tools for identifying and correcting faults that may occur in queries converted using previous versions of the Converter. There are also optional Security Manager enhancements. See the *i2 iBase 4.0.11 SR3 Release Notes* for further information on the possible query conversion problem and the tools available for identifying and repairing any affected queries.

Data Miner 2.0.5 SR1 corrected a problem with permissions in range charts.

Version 2.0.5

Analyst's Workstation 2.0.5 was a maintenance release that extended the support for *Analyst's Workstation 2* to include Western Europe. For details of the new features and bug fixes, see the release notes for *iBase 4*, *Analyst's Notebook 6*, *Data Miner 2* and the *iBase GIS Interfaces*.

Version 2.0.3

Analyst's Workstation 2.0.3 was a maintenance release which extended support for *Analyst's Workstation 2* to the Scandinavian language environment. It also provided a number of enhancements and bug fixes. For details, see the release notes for *iBase 4*, *Analyst's Notebook 6*, *Data Miner 2* and the *iBase GIS Interfaces*.

Version 2.0.1

Analyst's Workstation 2.0.1 was a major new release of *Analyst's Workstation*. It comprised new versions of *iBase*, *Analyst's Notebook*, *Data Miner* and the *iBase GIS Interfaces*. For full details of the new features and bug fixes, see the release notes for each of these products.

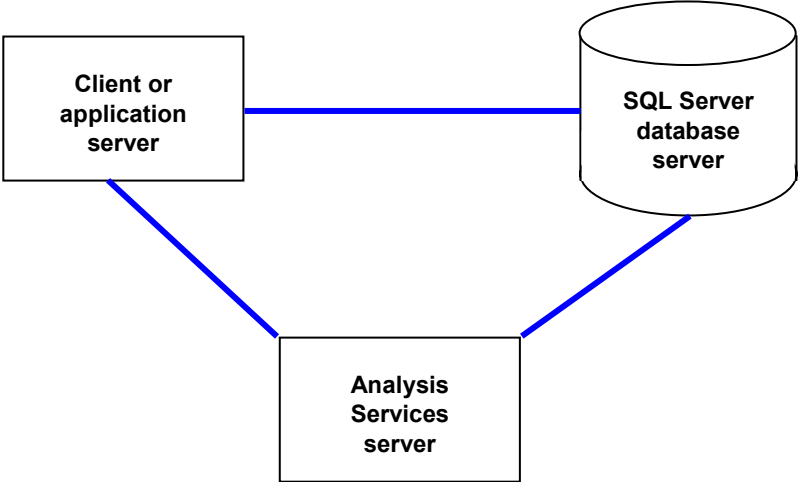
System Requirements

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

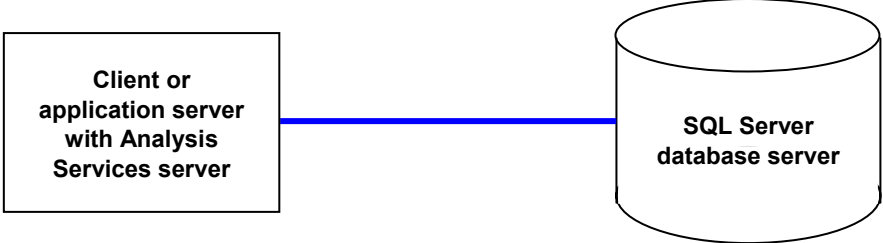
- Microsoft SQL Server database server for managing access to your database(s)
- Microsoft Analysis Services server for building *Data Miner* cubes
- Clients, or an application server with thin clients (if using Windows Terminal Services or a Citrix environment).

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

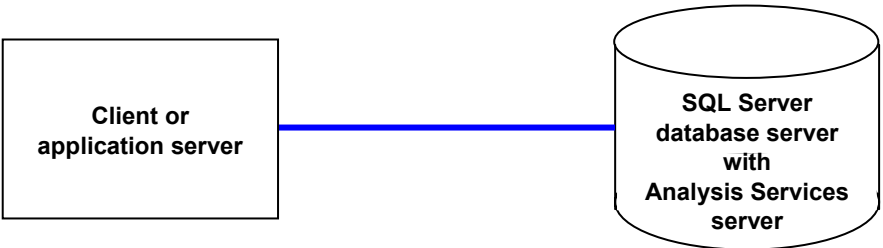
Configuration option 1:



Configuration option 2:



Configuration option 3:



Analyst's Workstation clients (or application server)

These are the supported hardware and operating systems for i2 products at this release.

Hardware

These are the recommended minimum system hardware requirements for *Analyst's Workstation*:

Minimum Requirement

1.2 GHz processor

512 MB RAM

500 MB free disk space

1024x768 display

Parallel printer port or USB port (for dongle)

CD-ROM drive (for installation)

Note: This is suitable for operating *Analyst's Workstation* 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.

Operating systems

Analyst's Workstation is supported on the following 32-bit operating systems. The supported service packs depend whether you are using SQL Server 2000 or 2005:

Operating System	SQL Server 2000	SQL Server 2005
Windows XP Professional	SP1, SP2	SP2
Windows 2000 Professional	SP4	SP4
Windows 2000 Server/Advanced Server with Terminal Services	SP4	SP4
Windows 2000 Server/Advanced Server with Terminal Services & Citrix MetaFrame XP	SP4	SP4
Windows Server 2003 Standard/Enterprise with Terminal Services	SP0, SP1	SP1
Windows Server 2003 Standard/Enterprise with Terminal Services & Citrix MetaFrame XP	SP0, SP1	SP1
Windows Server 2003 R2 Standard/Enterprise with Terminal Services		
Windows Server 2003 R2 Standard/Enterprise with Terminal Services & Citrix MetaFrame XP		

Third-party software

Analyst's Workstation needs the Microsoft Jet 4.0 Database Engine SP6 (or later) and the MDAC libraries version 2.6 (or later). On Windows 2000 systems, an appropriate version of the MDAC libraries must be installed before installing *iBase 4*. These may be downloaded from:

`www.microsoft.com/download`

MDAC 2.8 is included on the *Analyst's Workstation* CD in the MDAC folder.

Internet Explorer 6.0 or above must be installed on the client machine. However, Internet Explorer need not be the default web browser. Internet Explorer 6.0 Service Pack 1 is included on the CD.

Analyst's Workstation requires that Microsoft .NET Framework 1.1 is present on the installation system. A compatible version is included on the CD. Notice that SQL Server 2005 will also install Microsoft .NET Framework 2.

You need to install the SQL Server Client Network Utilities on any client that is to be used to configure the connection to the server, either using *iBase 4 SSE Designer* or the SQLDBConfig utility. This makes sure that the components required to find and list available servers are available to the configuration tools.

iBase can import from a number of databases including Microsoft Access 97, Access 2000 and SQL Server using OLE DB. The availability of other databases depends on the OLE DB drivers loaded on the PC.

To run *Data Miner*:

On SQL Server 2000	<p>You need to install the following on the client machine:</p> <ul style="list-style-type: none">• Microsoft SQL Server 2000 Analysis Services SP3 or SP4 Client Components and Decision Support Objects• Microsoft SQL Server Analysis Services 9.0 OLEDB Provider (provided on the <i>Analyst's Workstation</i> CD)• MSXML 6.0 Parser (provided on the <i>Analyst's Workstation</i> CD) <p>Note: You may need to install Windows Installer 3.1 before you can install OLEDB9 and MSXML6. All three are provided on the <i>Analyst's Workstation</i> CD.</p>
On SQL Server 2005	<p>You need to install Microsoft SQL Server 2005 Analysis Services (Client Components – Business Intelligence Development Studio).</p>

Note: It is not possible to install *Analyst's Workstation* if these components are not installed for either SQL Server 2000, or SQL Server 2005, or both.

If cubes are to be built on the client machine, Analysis Server must be installed. See *Analysis Services servers* on page 11, and the *Data Miner* release notes for detailed information on configuring the installation.

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

SQL Server database servers

These are the supported hardware and operating systems for SQL Server database servers at this release.

Hardware

The overall success of *Analyst's Workstation* 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 volumes of physical memory.

A white paper, *Configuring i2 iBase 4 SSE*, is available which has information to assist with sizing suitable servers including the number of processors, amount of memory and disk space required.

Operating system

The supported operating systems for server side *iBase 4 SSE*:

Operating System	SQL Server 2000	SQL Server 2005
Windows 2000 Server/Advanced Server	SP4	SP4
Windows Server 2003 Standard/Enterprise	SP0, SP1	SP1
Windows Server 2003 R2 Standard/Enterprise Service	SP0, SP1	SP1

Note: Wireless networking is not suitable for use with *iBase 4* because all client machines require a continuous network connection to the *iBase* database.

Third-party software

- SQL Server 2005 Standard Edition SP1
- SQL Server 2005 Enterprise Edition SP1
- SQL Server 2000 Standard Edition SP3 and SP4
- SQL Server 2000 Enterprise Edition SP3 and SP4
- SQL Server 2000 Personal Edition SP3 and SP4

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

If you want to use Full Text Search, you must install the Full Text Search components from the SQL Server installation CD. This is included in the default installation for SQL Server Standard and Enterprise Editions, but not for Personal Edition.

Note: You may experience a 45-second delay when you run a full-text query in an instance of SQL Server 2005 that is running on a server without Internet access. For details, see: <http://support.microsoft.com/?kbid=915850>.

Analyst's Workstation 2 does not support case sensitive server settings.

The SQL Server language version must match the operating system regional setting if it is available, or be English if not. The default SQL Server collation sequence for the operating system must be used.

You must make sure that you choose the option to use **Mixed Mode** (Windows and SQL Server authentication).

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 machine must be configured to allow both SQL Server and Analysis Services access. This particularly affects Windows XP SP2 where the Windows Firewall is enabled by default. For further details please refer to the following Microsoft Knowledge Base article:

Article ID 841249: *How to configure Windows XP Service Pack 2 (SP2) for use with SQL Server*

For additional information, refer to SQL Server Books Online:

SQL Server 2005: *How to: Configure a Firewall for SQL Server Access*

Analysis Services 2005: *How to: Configure Windows Firewall for Analysis Services Access*

Or to this Knowledge Base article:

Article ID 823938: *How to configure an instance of SQL Server to listen on a specific TCP port or a dynamic port*

Secure Socket Layer (SSL) Encryption

Microsoft SQL Server uses Net-Libraries for the communications between clients and server, one of which handles Secure Socket Layer (SSL) encryption. The security of data exchanged between SQL Server-based *iBase SSE* clients and the server can be increased by enabling Secure Socket Layer (SSL) Encryption. Enabling SSL will increase the work performed by the SQL Net-Libraries resulting in slightly slower performance of the *iBase* applications.

Analysis Services servers

You require an Analysis Services server to build *Data Miner* cubes. This is part of SQL Server Analysis Services, and it can be installed on client machines, the SQL Server database machine, or on another specified machine.

The machine that is used for building cubes is determined when you install *Analyst's Workstation*. If Analysis Services Analysis Server is already installed, *Data Miner* will be configured to build cubes on the client machine. Otherwise, *Data Miner* will be configured to build cubes on the database machine. The Analysis Server version (2000 or 2005) must match the database version.

Note: You can change the machine used for building cubes by modifying a registry setting as described in the *i2 Data Miner 2.1.3 Release Notes*. Alternatively a machine may be specified explicitly by using a configuration file with an automated installation (see *Automated and silent installs* on page 19).

The following prerequisites apply to any machine used to build cubes, whether this is the client machine, SQL Server database server or another machine.

- SQL Server Client Network Utilities may be required as for client machines.
- One of the following:

Either, Microsoft SQL Server 2000 Analysis Services SP3 or SP4: Client Components, Decision Support Objects, and Analysis Server.

Or, Microsoft SQL Server 2005 Client Components (Business Intelligence Development Studio or Management Tools) and an Analysis Server instance.

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

For detailed information on configuring machines for cube building and setting up users, see the *Data Miner* release notes.

Language environment

i2 Analyst's Workstation is only available in English, and is supported in the English and Western European language environments only.

Note: *Analyst's Workstation TCA* is only available in English (UK).

Authorization Information

Analyst's Workstation is a licensed product and requires a dongle containing a valid permit in order to run. It can be licensed using local or network dongles.

It is recommended that the *iBase 4 Designer* and Extended Access Control permits be used from a local Hardlock dongle for data security reasons. See the white paper *Managing Access Control* for a fuller discussion of the issues surrounding the security of access control.

NetHASP Network License Manager

Updated NetHASP Network License Manager

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

This version can be found on the product CD in the following location:

CD Drive: \Dongle\HASP Server

Further details regarding the upgrading of your License Manager are available in the *NetHASP License Manager Guide*.

Note: Novell Netware is no longer supported as a platform for running NetHASP authorization. The License Manager must run on a Windows platform.

NetHASP timeout

At this version of NetHASP, a timeout value is set for each client workstation so that the NetHASP server will release a permit after 60 minutes of application inactivity. This will prevent permits from being held indefinitely if they are not released at the end of a session.

NetHASP authorization

Notes for new users

Analyst's Workstation installs a copy of the NetHASP configuration file (*nethasp.ini*) in the folder *Analyst's Workstation 2*. As installed, this does nothing. You will need to edit it to reflect your chosen network protocol and any settings, and copy it to a suitable

place. It is recommended that for *Analyst's Workstation*, this should be a global location for all the i2 applications, for example your Windows system folder.

See the NetHASP License Manager Guide for more details.

Notes for existing users

You will need to know which copy of the NetHASP configuration file (`Nethasp.ini`) you are currently using for your i2 product(s). You may have one for each i2 product, located next to its executable, for example:

```
C:\Program Files\Analyst\Nethasp.ini
```

Or you may be using a global copy, located in your Windows or Windows system, for example:

```
C:\WINNT
```

Or:

```
C:\WINNT\system32
```

It is recommended that you use a global NetHASP configuration file for all of your *Analyst's Workstation 2* applications. To use your existing license settings, you should copy your original `Nethasp.ini` to your Windows system folder (e.g. `C:\WINNT\System32`) and delete any other copies. (These are typically located next to i2 application executables.) You may wish to keep a backup copy elsewhere on your system. See the *NetHASP License Manager Guide* for more details.

Documentation and Examples

Product documentation

The following product documentation is available for this release:

Manual Title	Part Number
<i>Analyst's Workstation Quick Start Guide</i>	0566
<i>iBase 4 Quick Start Guide</i>	0427
<i>iBase 4 User Guide</i>	0729
<i>iBase 4 Designer Guide</i>	0428
<i>i2 iBase 4 Importing Guide</i>	0817
<i>i2 iBase 4 Reporting Guide</i>	0816
<i>Analyst's Notebook 6 Quick Start Guide</i>	0318
<i>Analyst's Notebook 6 User Guide: Creating Charts</i>	0315
<i>Analyst's Notebook 6 User Guide: Importing</i>	0833
<i>Analyst's Notebook 6 User Guide: Customizing and Analyzing</i>	0317
<i>Analyst's Notebook 6 Upgrade Guide</i>	0272
<i>Analyst's Notebook 6 Utilities Guide</i>	0418
<i>i2 Analyst's Workstation TCA User Guide (UK only)</i>	1061
<i>i2 Data Miner 2 User Guide</i>	1189

Manual Title	Part Number
<i>i2 iBase GIS Interfaces Guide</i>	0926
<i>Guide to power2</i>	0955

The product documentation is available as Adobe PDF documents accessible from the Start menu:

Programs ► i2 ► i2 Analyst's Workstation 2 ► Documentation

In order to display this documentation, a PDF viewer must be present on the installation system. A compatible version of Adobe Reader is included on the CD.

Note: If users are not provided with printed copies of the documentation, please make sure that at least one electronic copy of the product documentation is installed in a central location and is accessible to all users.

Administration Center

Administration Center documentation intended specifically for administrators of *Analyst's Workstation TCA* is provided in this release. For further details, see the release notes for *Analyst's Workstation TCA*.

Release notes and white papers

The following release notes and white papers are also available:

Title	Part Number	Supplied on CD
<i>i2 iBase 4.1.3 Release Notes</i>	1175	Y
<i>i2 iBase 4.0.11 SR3 Release Notes</i>	0870	Y
<i>i2 Analyst's Notebook 6.0.55 SR3 Release Notes (US only)</i>	1194	Y
<i>i2 Analyst's Notebook 6.0.55 SR3 Release Notes (UK only)</i>	1193	Y
<i>i2 Data Miner 2.1.3 Release Notes</i>	1174	Y
<i>i2 Analyst's Workstation TCA 1.0.3 Release Notes</i>	1173	Y
<i>i2 iBase GIS Interfaces 1.2.55 Release Notes</i>	1177	Y
<i>What's New in i2 Analyst's Workstation 2.1.3</i>	1218	Y
<i>What's New in i2 Analyst's Workstation 2.0.55</i>	1015	Y
<i>What's New in i2 iBase 4.1.3</i>	1220	Y
<i>What's New in i2 iBase 4.0.55</i>	0962	Y
<i>What's New in i2 iBase 4</i>	0933	Y
<i>What's New in i2 Analyst's Notebook 6.0.55</i>	0912	*
<i>What's New in i2 Analyst's Workstation TCA 1.0.3</i>	1219	*
<i>Upgrading to Analyst's Workstation 2</i>	0454	*
<i>Configuring i2 iBase 4 SSE</i>	1203	Y

Title	Part Number	Supplied on CD
<i>Managing Access Control with i2 iBase 4</i>	1204	Y
<i>Using i2 iBase 4 with i2 TextChart</i>	0930	Y

Release notes and white papers are included in these folders on the CD:

CD Drive: \Analyst's Workstation\Language\
English (UK)\Documentation

CD Drive: \iBase\Language\English (UK)\Documentation

CD Drive: \Analyst's Notebook\Language\English (UK)

CD Drive: \Data Miner\Language\English (UK)\Documentation

CD Drive: \i2 Analyst's Workstation TCA\Language\
English (UK)\Documentation

* Please contact your supplier to obtain copies of white papers that are not supplied on the CD.

Examples

i2 user documentation is example based and is designed to help users learn how to use the software. You should install the example databases with the software so that users can work through the examples. The example databases for *Analyst's Workstation TCA*, *iBase*, and *Data Miner* are described in the release notes for these products.

Online help

Online help is installed as part of the product, and consists of help for *Analyst's Workstation TCA*, *iBase*, *Analyst's Notebook*, *Data Miner*, and *iBase GIS Interfaces*.

You can open the help by selecting **Contents** from the **Help** menu in the main window of any of the products.

You can request help for each dialog by clicking the **Help** button on the dialog.

You can request help for the individual features of any dialog by using the what's this help button (a question mark button). Click this button and then click on the item of interest.

Utilities

See the release notes for *iBase 4.1.3* and *Analyst's Notebook 6.0.55 SR3* for details of the utilities.

Installation

Before installing *Analyst's Workstation*, please check that your system meets all the requirements described in *System Requirements* on page 7.

Windows Terminal Services

If you are installing on Windows Terminal Services, you must install using the Add/Remove Program facility of the Control Panel.

Notes for existing i2 product users

The following i2 products share the same *Analyst's Notebook* components:

Product	Version
<i>Analyst's Notebook</i>	6.0.55
<i>Visual Notebook</i>	6.0.55
<i>ChartReader</i>	6.0.55
<i>TextChart</i>	1.1.55 or 2.0.1
<i>iBase</i>	4.1.3
<i>iBase GIS Interfaces</i>	1.2.55

If you are using a combination of previous versions of these products you must upgrade them all at the same time.

Notes: After installing any of the i2 products listed above you should not install a previous version of one of those i2 products. i2 only supports the above versions of products being installed together on the same computer.

If necessary, this installation will upgrade *PatternTracer* version 1.1 to 1.1.5 fixing some incompatibility issues with this release.

Additionally, installing any of the products listed above may update the version of shared components used by *iBridge*.

If your organization has a change control policy for i2 products, you should contact i2 Technical Support for more information on this subject.

Uninstalling previous releases

The following versions of i2 products (including related service releases) must be uninstalled before installing *Analyst's Workstation 2*:

- *Analyst's Notebook* 6.0.1, 6.0.7, 6.0.9, 6.0.13
- *Visual Notebook* 6.0.17
- *ChartReader* 6.0.5, 6.0.7, 6.0.9, 6.0.13, 6.0.17, and 6.0.23
- *TextChart* 1.0.1 and 1.0.5
- *iBase GIS Interfaces* all versions
- *Online iLink* 1.1.1, 1.2.1, and 6.0.1
- *iBase* 4.0.1, 4.0.7, 4.0.11, 4.0.55

Note: You should uninstall *iBase GIS Interfaces* and *iBase Scheduler* first.

Before uninstalling iBase 4.0.11

If you are upgrading from *iBase* 4.0.11 and you use soft delete, you must purge all soft-deleted records using *iBase* 4.0.11 before you install *Analyst's Workstation 2.1.3*. You can do this by selecting **Purge Deleted Records** from the *iBase Edit* menu. This is

necessary because of an internal change to the way in which links deleted as a result of deleting an entity are restored.

Upgrade notes

iBase security files and databases from previous *iBase 4* or *Analyst's Workstation 2* releases are not compatible with this release.

To use an existing *iBase* security file with *Analyst's Workstation 2.1.3*, you will need to upgrade it. You are prompted to do this when you log on to the security file in *iBase 4.1.3*. Once you have upgraded it, you cannot then log on to the security file using an earlier version of *Analyst's Workstation*.

You will need to update the command groups in your upgraded security file. To do this, start *iBase Designer*, log on to the security file, and select **Update Command Groups** from the **Tools** menu. Repeat this for each of your upgraded security files.

You can also upgrade existing *iBase* databases to use with *Data Miner*, *Analyst's Notebook*, and *iBase GIS Interfaces* but not with *TCA*. You are prompted to upgrade the database before you open it in *iBase 4.1.3*. Once you have upgraded the database, you cannot then open it using an earlier version of *Analyst's Workstation*. For further details, see *Compatibility notes* below.

Backing up and restoring SQL Server databases and security files

When backing up SQL Server databases, you must always back up the associated connection (`.idb`) files and, when restoring those databases, you must always restore the corresponding connection files. For example, you cannot restore a database at version 4.0.55 for use with a connection file created in version 4.1.3.

This recommendation also applies to security (`.ids`) files which now also have connection files if created in SQL Server format.

Upgrading from Analyst's Workstation 2.0.5

If you use soft delete, you must purge all soft-deleted records using *iBase 4.0.11* before upgrading the database. To do this, select **Purge Deleted Records** from the *iBase Edit* menu. This is necessary because of an internal change to the way in which links deleted as a result of deleting an entity are restored.

Upgrading from Analyst's Workstation 1

Upgrading to *Analyst's Workstation 2* from any version 1 variant requires planning. Contact i2 Technical Support for detailed information.

Compatibility notes

Versions of Analyst's Workstation 2

Analyst's Workstation 2.1.3 is only supported with *iBase 4.1.3*, *Analyst's Notebook 6.0.55 SR3*, *Data Miner 2.1.3*, and *Analyst's Workstation TCA 1.0.3*.

Analyst's Workstation 2 can be run alongside *Analyst's Workstation 1.n* or its constituent products: *Analyst's Notebook 5*, *iBase 3 SSE*, or *Data Miner 1*. It can also be installed on the same machine as *i2 iBridge*, *i2 PatternTracer*, *i2 iTel*.

iBase 4

Analyst's Workstation 2.1.3 is not compatible with previous versions of *iBase 4*. Any existing *iBase* databases and security files that you want to use with *Analyst's*

Workstation 2.1.3 must be upgraded to *iBase 4.1.3*. Once you have:

- Upgraded the security file to *iBase 4.1.3*, you cannot use it to log on to *iBase 4.0* and you can open version 4.1.3 databases only.
- Upgraded the database to *iBase 4.1.3*, you cannot reopen it in *iBase 4.0*.

iBase GIS Interfaces

Analyst's Workstation 2.1.3 is compatible with *iBase GIS Interfaces 1.2.55*.

Data Miner 2

Data Miner 2 installs and uses components from ProClarity® version 6.2. If you want to install it on the same machine as products using ProClarity components, you should contact i2 for advice.

TextChart

Analyst's Workstation 2.1.3 is compatible with *TextChart 2*, however, it can load visualizations from earlier versions of *TextChart*. Notice that *TextChart* does not need to be installed on the same machine as *Analyst's Workstation*.

Microsoft Office Products

Analyst's Workstation 2.1.3 is compatible with:

- Microsoft Excel 2000, 2003 and XP
- Microsoft Word 2000, 2003 and XP

Installation steps

Note: In a thin-client environment (Terminal Services or Citrix) you must run these programs from Add/Remove Programs.

To install *Analyst's Workstation* on client machines:

1. Log on to the machine on which you are installing as a local administrator.
2. Make sure that you have uninstalled any previous releases of *Analyst's Workstation 2*. See *Uninstallation steps* on page 20 for details.
3. Close all applications that you may have open.
4. Insert the *Analyst's Workstation* 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 and run `setup.exe` in the *Analyst's Workstation* folder.

5. Choose whether to install *i2 Analyst's Workstation TCA* (UK only).
6. Follow the prompts to complete the installation.
7. Run *Analyst's Workstation 2* from your Start menu, for example:

Programs ► i2 ► i2 Analyst's Workstation 2 ► iBase 4

8. If you want to be able to send data to a GIS application, you will need to install *iBase GIS Interfaces* included in your *Analyst's Workstation* CD. Browse to the CD and run `setup.exe` in the *iBase GIS Interfaces* folder. Please read the *i2 iBase GIS Interfaces 1.2.55 Release Notes* before doing so.

For information on installing *iBase Scheduler* and the Adobe PDF iFilter 6, see the *i2 iBase 4.1.3 Release Notes*.

9. Update existing security files with updated command groups to include new functionality (specifically a Case Administration group). Use the **Update Command Groups** command in *iBase 4 Designer*.
10. There are additional steps required to configure *Data Miner*. See the *Data Miner* release notes for details of setting up Analysis Servers for cube building, configuring users, and initializing databases.

Automated and silent installs

A mechanism is available to configure and automate the execution of the *Analyst's Workstation 2* installer through the use of a configuration file. This provides a means of installing the product without manual intervention. You can set values within a single configuration file for *Analyst's Workstation 2* as a whole, or its sub-installers. Options you may want to configure include:

- Location of the folder into which *Analyst's Workstation 2* is installed
- Program group for *Analyst's Workstation 2*
- Machine used for building Data Miner cubes with Analysis Services
- Option to exclude *Analyst's Workstation TCA* from the installation
- Whether *Administration Center* documentation is installed

The configuration file contains the variables that represent the values that are normally provided through dialogs to the installer, together with other installation options.

The facility is enabled through the use of the `Setup.exe` command line argument:

```
/i2_automate_path="pathname"
```

where *pathname* is the path to the configuration file, including the name of the file itself.

A configuration file containing the installer default values, called `automate.ini`, is included on the installation CD. This is located at:

```
CD Drive:\Analyst's Workstation\Language\English (UK)
```

Executing the installer with the `/s` command line argument causes it to run silently, providing for unattended installation. Silent installation can be combined with the configuration mechanism to control all of the installation options.

You may specify the machine used to build *Data Miner* cubes by editing the file `automate.ini`, and in the section `[Analyst's Workstation Data Miner 2]` set the following variables.

SQL Server version	Variables
SQL Server 2000	OLAP_Server to the machine name
SQL Server 2005	AS2005_Server to the machine name AS2005_Instance to the name of the SQL Server instance

Customized installation

During the installation, a number of files are installed from a folder, `Language\English (UK)`, located adjacent to the file `Setup.exe` for each product. This provides a mechanism for users to customize the installed contents by copying the distribution CD content and changing the content of `Language\English (UK)`. The following are examples of the files that are externalized:

- Network dongle configuration file `Nethasp.ini`
- Example Word report templates, for example: `User Guide Example Person report 1.doc`

Installing example databases on the server

Example databases are supplied on the *Analyst's Workstation* CD:

Product	Database
<i>Analyst's Workstation TCA</i>	Telecoms
<i>iBase</i>	User Guide
<i>Data Miner</i>	Accidents 3years, Financial Transactions, Crime and Disorder

These databases must be installed on the server to enable users to work through the examples in the user guides. For details of how to install the example databases, see the respective release notes.

Uninstallation steps

For a complete uninstallation of *Analyst's Workstation 2*:

1. Back up any configuration files that you have amended, such as icon lists, word search exclusion files, Full-Text Search exclusion files, `default.ids`, and mapping application configuration files. The uninstall will remove any files installed by the original install process.
2. Uninstall *iBase GIS Interfaces* (see the *i2 iBase GIS Interfaces Release Notes*) and *iBase Scheduler* (see the *i2 iBase 4.1.3 Release Notes*). You must uninstall these before you uninstall *Analyst's Workstation 2*.
3. To uninstall *Analyst's Workstation 2*, open Add/Remove Programs from the Windows Control Panel, and select **i2 Analyst's Workstation 2**.
4. In Add/Remove Programs, uninstall the i2 Image Files 6 and Spell Checker 6.

After uninstalling, some folders will remain, for example `iBase 4`. This makes sure that any customized files are not lost. Delete these if they do not contain any useful files.

Note: You can uninstall each of the component applications individually. However, if you need to re-install one, you will need to run the *Analyst's Workstation 2* installer rather than the individual product installer to do so.

Enhancements and Bug Fixes

For details of the enhancements and bug fixes in the other products in the *Analyst's Workstation 2* suite of products, see the release notes for *Analyst's Notebook 6.0.55 SR3*, *iBase 4.1.3*, *Data Miner 2.1.3*, *Analyst's Workstation TCA 1.0.3*, and *iBase GIS Interfaces 1.2.55*. These are all supplied as part of the *Analyst's Workstation* product package.

Known Limitations

See the release notes for *Analyst's Workstation TCA 1.0.3*, *Analyst's Notebook 6.0.55 SR3*, *iBase 4.1.3*, *Data Miner 2.1.3* and *iBase GIS Interfaces 1.2.55*, supplied as part of the *Analyst's Workstation* product package.

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 these release notes, in the *Administration Center*, or in the online help, you can send an e-mail to the i2 Technical Support team. You must have an up-to-date i2 Support and Maintenance Agreement and your dongle number as a reference when contacting Support.

- 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 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.