

i2 Analyst's Notebook 7

Release Notes

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i2 Analyst's Notebook® is the award-winning product that offers user-friendly analytical functions using a powerful combination of link and timeline analysis combined with graphical representations.

i2 Analyst's Notebook 7 is an application that builds upon the advanced features of *Analyst's Notebook 6*. It provides powerful new importing capabilities such as direct importing from MS Excel, delivered with an intuitive user interface. Presentation and analytical capabilities have been enhanced with the addition of functionality such as Icon Shading and List Data Records.

Contents

What's New In This Release?	2
System Requirements	4
Authorization Information	5
Documentation	6
Utilities	8
Installation	8
Known Limitations	10
Contacting i2	14

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What's New In This Release?

The following table summarizes the *i2 Analyst's Notebook 7* releases:

Version	Release Date
<i>i2 Analyst's Notebook 7.0.7</i>	June 2007

New Features

The following new and updated features have been included in *Analyst's Notebook*:

Importing data

The Importer has been redesigned to make the process of importing data easier. It helps you to construct and visualize an import design before you import the data. An Import Manager lets you preview your import specifications, and you can now import Excel spreadsheets in addition to text files. A tutorial-style user guide accompanies the new Importer.

Note: To help identify information gaps in your data, the creation behavior of entities with blank identities has changed. Data with missing identity values will now create entities with blank identities. If these are not required they can be removed from the chart using analysis tools such as List Items.

Pen-Link telephone data is no longer imported through the use of a dedicated menu command. If you have used the **Import Phone Data...** command from the **File** menu in previous versions of *Analyst's Notebook*, you can access the same functionality by selecting **Import from File...** from the **Data** menu, locating your *Pen-Link* data file and selecting **Pen-Link** within the Define Columns page of the Import Editor. Full instructions for use can be found in *Analyst's Notebook* Help within the topic entitled **Importing Pen-Link Data**.

Icon Shading

Icons used by your entities can be shaded with a specific color to add more visual impact to your charts. For example, a car icon can be shaded silver, and a motorbike icon can be shaded green.

Printing Headers and Footers

You can print any of the chart summary properties, custom properties, and auto-generated details in the headers and footers of all your chart pages. For example, you can label all your pages with the print date, a version number, the author and chart title. You can also choose where in the headers and footers this information is printed.

Chart Cover Sheet

The Cover Sheet displays chart summary information including chart custom properties before the chart is opened and before it is saved. This allows you to see important information such as the chart's classification before you decide to open it.

List Data Records

Data records are used as a way of storing and displaying extra information about a chart item provided by a data source. You can quickly view all of the data records in your chart using List Data Records to help you group and analyze the data records in a way similar to List Items.

Filtering and Sorting in List Items, List Cards, and List Data Records

You can sort up to three columns of data in the List analysis tools to create specific groupings of chart items, cards or data records. When you have identified the information of interest, you can filter from view the unwanted information, to help reduce the volume of data you are analyzing.

Multiple Undo and Redo

Multiple levels of undo and redo are now available to help you undo most changes you have previously made to your chart, or redo changes you have made which you have previously undone.

Finding Items Linked to an Entity

The Linked Items Bar lets you see all the entities that are linked to a specific entity in your chart. It is useful for establishing the associations for one item in large charts where the network of connections cannot be easily seen. You can review all the linked items in a list, click on them to see where they are in your chart, and follow their onward connections.

Hyperlinks

Analyst's Notebook recognizes all the most common hyperlink types, so you can link to documents on network servers and display Web sites, which may be relevant to your analysis.

Chart Custom Properties

Charts can include additional customer-specific summary information. This information can be viewed and modified both within *Analyst's Notebook* and from Windows Explorer. For example, an organization may require a chart's classification level or the name of the operation to be stored with the chart.

Mix of Languages within Charts and Chart Items

Languages using different alphabets may be used within the same charts and chart items. For example, a label for a single chart item can contain English, Greek, Russian and Arabic text.

New Chart Icons

New icons have been added in response to customer requests. The new icons include updated and more comprehensive military icons as well as general additions to the standard icons.

A summary of the new features can be found by clicking the **What's New** button on the Tip of the Day dialog.

i2 Online iLink

A compatible version of *i2 Online iLink* is included with this release. *Online iLink* allows users to visualize information from supported data sources in *Analyst's Notebook* charts. For more information regarding *i2 Online iLink* refer to the *i2 Online iLink Release Notes* available from your Start menu under:

i2 ► i2 Analyst's Notebook 7 ► Documentation ► i2 Online 7 iLink Release Notes

Notes for existing Analyst's Notebook 6 users

Updating customized templates

This version of *Analyst's Notebook* provides you with the latest templates, import specifications and report specifications. Product enhancements, such as the addition of new icons, are made available through these files and, where appropriate, you should make sure you are using the latest versions.

If you have customized *Analyst's Notebook 6* templates and wish to utilize them within *Analyst's Notebook 7* the templates must be merged. Open the appropriate *Analyst's Notebook 7* template and follow the instructions in the Merging Templates topic.

Compatible companion products

You may have licensed one or more *Analyst's Notebook* companion products.

Older versions of companion products work exclusively with older versions of *Analyst's Notebook*. In order to use these products with *Analyst's Notebook 7*, you must install these updated versions.

- *i2 iBase 5*
- *i2 iBridge 3*
- *i2 TextChart 3*
- *i2 ChartExplorer 2*

System Requirements

These are the recommended system hardware requirements to run only *Analyst's Notebook*:

Requirement

1.4 GHz processor computer

512 MBytes RAM

500 MBytes free disk space for installation, plus space to store chart data (if not already installed, add: 280 MB for .NET 2 Framework)

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:

Requirement

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 (if not already installed, add: 280 MB for .NET Framework). Total disk space requirements depend on number of i2 products to be installed.

Requirement

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

These are the supported operating systems for *Analyst's Notebook*:

Operating System

Windows Vista Business/Enterprise/Ultimate x86

Windows XP Professional x86 SP 2

Windows 2000 Professional SP 4

Windows 2000 Server/Advanced Server SP 4 with Terminal Services optionally with Citrix MetaFrame Presentation Server 4.0

Windows Server 2003 and Windows Server 2003 R2 Standard/Enterprise x86 SP1 with Terminal Services optionally with Citrix MetaFrame Presentation Server 4.0

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

The initial release will only be supported on English versions of Windows Vista. Support on English versions is limited and there are known issues that we plan to fix in later releases. Support on Western Europe & USA, Central Europe, Baltic, Cyrillic, Turkic and Arabic regional versions of Windows Vista will be available when we release a fully supported version of our products on Vista. *Analyst's Notebook* is not User Access Control (UAC) compliant.

Analyst's Notebook requires that Microsoft .NET Framework 2.0 is present on the installation system. A compatible version of Microsoft .NET Framework is included on the CD.

The printed documentation provided with *Analyst's Notebook* is also available electronically in Adobe PDF format. In order to display this documentation, a PDF viewer must be present on the installation system. Adobe Reader version 8 is included on the CD.

Analyst's Notebook interoperates with applications in the following versions of Microsoft Office:

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

Analyst's Notebook 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)

Authorization Information

Analyst's Notebook is a licensed product and requires a dongle containing a valid permit in order to run.

Updated NetHASP License Manager

If you use a NetHASP authorization solution (a red 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.

Note: Novell Netware is no longer supported as a platform for running NetHASP authorization. License Manager must run on a Windows platform. The version on the CD is not fully supported on Windows Vista

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.

Notes for existing users

Analyst's Notebook 7 uses the same dongle permits as *Analyst's Notebook 6*. Therefore existing users do not require a replacement dongle.

NetHASP authorization

If you use a NetHASP authorization solution and you have specific configuration information in `NetHASP.ini` then you should copy the `NetHASP.ini` configuration file from your *Analyst's Notebook 6* folder to the new *i2 Analyst's Notebook 7* folder.

On a typical *Analyst's Notebook 6* installation the configuration file is located at:

`C:\Program Files\Analyst's Notebook 6`

For a typical *Analyst's Notebook 7* installation, this file should be copied to:

`C:\Program Files\i2 Analyst's Notebook 7`

Documentation

Manuals

There is a new *i2 Analyst's Notebook 7 User Guide: Importing* for this release. The other manuals in the documentation have also been updated. All manuals are supplied in PDF format and are typically installed to:

`C:\Program Files\i2 Analyst's Notebook 7\Resources\language\Documentation\User Guides.`

The user guides can also be accessed from your Start menu under:

i2 ► i2 Analyst's Notebook 7 ► Documentation

The following manuals exist for *Analyst's Notebook*:

Document Title	Part Number
<i>i2 Analyst's Notebook 7 Quick Start Guide</i>	1313
<i>i2 Analyst's Notebook 7 User Guide: Creating Charts</i>	1310
<i>i2 Analyst's Notebook 7 User Guide: Importing</i>	1311
<i>i2 Analyst's Notebook 7 User Guide: Customizing & Analyzing</i>	1312

i2 user guides are example based and are designed to help users learn how to use the software. You should install the example material so that users can work through the examples. The example material is described below.

Note: Please make sure that at least one electronic copy (PDF) of the product documentation is installed in a central location and is accessible to all users.

The *i2 Products Packaging and Deployment Guide* is supplied on the CD in PDF format. The guide location is:

`CD:\i2 Analyst's Notebook 7\Deployment\Documentation`

Example material

Selections of example charts are provided with *Analyst's Notebook*. On a typical installation these examples are located at:

`C:\Documents and Settings\User Name\Local Settings\Application Data\i2\i2 Analyst's Notebook 7\language\Example Charts`

The example charts can also be accessed from your Start menu under:

My Documents ► i2 ► i2 Analyst's Notebook 7 ► Example Charts

In some examples in the user guides, the first thing the user is asked to do is open an existing chart. The example material is typically installed to:

`C:\Documents and Settings\User Name\Local Settings\Application Data\i2\i2 Analyst's Notebook 7\language\User Guide Example Material`

The example material can also be accessed from your Start menu under:

My Documents ► i2 ► i2 Analyst's Notebook 7 ► User Guide Example Material

Online help

Comprehensive online help is available from within *Analyst's Notebook* that provides reference information for all of the product's functionality.

White Papers

The following white papers are available from your supplier.

White Paper Title	Part Number
<i>What's New in i2 Analyst's Notebook 7</i>	1394
Upgrading to i2 Analyst's Notebook 7	1393

Utilities

The following utilities are available within *Analyst's Notebook* and are installed in the `Utils` folder beneath the installation folder for *Analyst's Notebook*:

- `Reset Toolbars.exe`

This application resets toolbar settings to the *Analyst's Notebook* defaults.

- `SeriesImport.exe`

This command line application allows you to automate running one or many import specifications into your charts.

Documentation describing how to use these utilities is available in the online help.

Installation

Before installing *Analyst's Notebook*, please check that your system meets all the System Requirements.

Please refer to the Systems Requirements section of these release notes.

Notes for existing i2 users

If *i2 PatternTracer* version 1.1 is on the installation computer, it will be automatically updated to version 1.1.5. This is to ensure that *PatternTracer* will function with the updated NetHASP authorization mechanism. This updated version of *PatternTracer* is not compatible with *Analyst's Notebook 7*.

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

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 *Analyst's Notebook* 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.

Using Setup.exe

To install *Analyst's Notebook*:

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 and run `Setup.exe` in the `i2 Analyst's Notebook 7` folder.

4. Follow the prompts to complete the installation.

The following shortcuts will be installed:

i2 ► i2 Analyst's Notebook 7	Start <i>Analyst's Notebook</i> .
i2 ► i2 Analyst's Notebook 7 ► Documentation	Access the product documentation in PDF format.

Note: Administrator privileges are required in order to install *Analyst's Notebook*.

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 in 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 *Analyst's Notebook* is available as an MSI Package. For more details on installing using Windows Installer please refer to the *i2 Products Packaging and Deployment Guide*.

Third party software

Installing *Analyst's Notebook* 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*.

Microsoft .NET Framework language packs

In order to have Microsoft .NET Framework information dialogs displayed in a local language you need to install a corresponding language pack. You can download Microsoft .NET Framework version 2 language packs from the Microsoft Web site:

<http://www.microsoft.com/downloads/details.aspx?FamilyID=39c8b63b-f64b-4b68-a774-b64ed0c32ae7&DisplayLang=en>.

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*.

Spelling dictionaries

Analyst's Notebook provides a spelling check facility based on the contents of an installed dictionary. Only one dictionary may be installed at a time. The following dictionaries are available:

American	French-Canadian
British	German
Dutch	Italian
Finnish	Norwegian
French	Spanish
Swedish	Danish

To install an alternative dictionary for use by the spelling checker select a different Spelling Checker language feature in the installer's Custom Setup. This can also be carried out after installation, by clicking Change against *Analyst's Notebook* entry in Add or Remove Programs.

Modification and Uninstallation

Installing *Analyst's Notebook* adds an entry to your Add or Remove Programs.

You can use this entry to:

- Change features of *Analyst's Notebook* such as the Spelling Dictionary and *Online iLink*
- Uninstall *Analyst's Notebook*

Known Limitations

Displaying OLE objects

Analyst's Notebook requires the presence of OLE server applications on the computer when displaying OLE objects on a chart. For example, *Analyst's Notebook* displays pictures (JPGs or BMPs) using whichever application is registered as an OLE server for picture files on the computer.

On many computers Microsoft Photo Editor, which is part of Microsoft Office 2000 and Microsoft Office XP, is used as the OLE server to display pictures in *Analyst's Notebook*. However, Microsoft Photo Editor is not a component of Microsoft Office 2003, which means that *Analyst's Notebook* may not be able to display pictures on a computer solely with Office 2003. Office 2003 is provided with Microsoft Office Picture Manager which is unable to act as an OLE server.

There are various solutions to this problem.

- Install Office 2000 or Office XP instead of Office 2003. Photo Editor should be included as part of the Office install.
- Install Photo Editor from the Office 2000 or Office XP CD. Microsoft provide guidelines for how to do this from their Web site:

<http://support.microsoft.com/?kbid=817095>

If Photo Editor is still on the computer then using the File Types dialog in Office Picture Manager to disassociate Office Picture Manager from pictures may restore Photo Editor as the OLE server for pictures.

- Install a different application that is able to act as an OLE server for pictures. For example JASC Paint Shop Pro can act as an OLE server for pictures.

Printing

The *Analyst's Notebook* icon set incorporates transparency so that icons may be used on areas of the chart where the background is not white, for example in filled event frames or on top of background items. The printing of these icons is complex and on some older computer and printer combinations there may be problems. In particular, the icons may print incorrectly or printing may be very slow. To overcome these difficulties, two printing options are provided, as described below. These options can be found in the Advanced Printer Setup dialog, which is accessed using the **Advanced** button on either the Printer Setup or Print dialogs.

- Always Simulate Transparent Icons
This option uses an alternative, simpler means of printing transparent icons. Try this option if the icons do not appear correctly. Printing will be slower using this option.
- Use Basic Icon Drawing
This option uses a very basic means of printing icons. Try this option if the icons do not appear correctly or if printing is too slow. Printing will not include any transparency using this option and therefore icons will always have a white square surround.

Hidden and background chart items lose their chart position after pasting (# 13538)

Reported: 6.0.7

Pasting a chart containing hidden or background chart items can cause these chart items to lose their original chart positions in the new chart.

Embedding a chart using OLE may generate an application error (# 28061)

Reported: 6.0.55

After embedding a chart in another application using OLE, an *Analyst's Notebook* application error may be generated. However the chart is successfully embedded in the application and the error message should be ignored.

Find Matching Entities may report an error if all links are removed from the chart (# 28069)

Reported: 6.0.55

When Find Matching Entities has identified a large number of matching items that cannot be displayed at the same time in the chart fragment, it displays only those matches for the selected chart items. If the Find Matching Entities selection is changed in this limited display mode and all the links on the main chart have been removed then Find Matching Entities reports an error.

Chart Save updates the date/time created when it should only update the time modified (# 28259)

Reported 6.0.55

When you update and save a chart, the created date/time in Microsoft Windows Explorer is changed as well as the modified date/time.

The items sizing behavior can be unpredictable (# 27943)

Reported 7.0.0

When an item contains lots of text with line breaks, the sizing of the event can be unpredictable.

Analyst's Notebook crashes when searching using Label Matching and ignoring certain characters (# 29642)

Reported 7.0.0

When running on Microsoft Windows 2000 SP4 *Analyst's Notebook* can crash when searching using Label Matching and ignoring some numerical characters.

Analyst's Notebook can fail to start if a large number of Internet Explorer windows are open (# 29714)

Reported 7.0.0

If a large number of Internet Explorer windows are open when launching *Analyst's Notebook*, the application can fail to start. If *Analyst's Notebook* is already running, opening a large number of Internet Explorer windows can cause it to close.

Performing a save operation changes the file permissions on the chart (# 28568)

Reported 7.0.0

Saving a chart under certain circumstances can change the Windows security settings on the file. If you open a chart, then change the permissions so Full Control is denied, make a modification to the chart, then save the changes the file permissions are reset to Allow.

Analyst's Notebook 6 charts do not insert into Microsoft Office applications as expected after upgrading to Analyst's Notebook 7 (# 29822)

Reported 7.0.0

If you only have *Analyst's Notebook 7* installed and insert a version 6 chart into a Microsoft Office application the chart will always display as an icon rather than a chart even if **Display as icon** is unchecked.

If you open the chart in *Analyst's Notebook 7* and save it in the updated format it will insert into a Microsoft Office application and display correctly as a chart.

Drag and drop from Analyst's Notebook as a bitmap into Microsoft Word does not function correctly (# 29987)

Reported 7.0.1

The issue occurs if the **Cut and Copy To Clipboard** options are set to **Picture as Bitmap** only. When dragging chart items from *Analyst's Notebook* and dropping into Microsoft Word 2003, the expected image is not created.

A workaround for this issue is to use **Copy** and **Paste** functionality to copy chart items into a Word Document.

Microsoft Installer runs a repair when copying a chart as an OLE Object (# IR 998)

Under certain circumstances an Installer repair can be triggered. The chart must have the **Background Color** set to transparent and the **Cut and Copy To Clipboard** has **Chart as OLE Object** selected. In Microsoft Word the document has a background color set. When the chart is copied and pasted into the Word document the installer repair is triggered. An update to Microsoft Office 2003 rectifies this issue. More information is available from <http://support.microsoft.com/kb/907417/>

The Highlighter tool behavior is abnormal when copying and pasting between charts (# 30430)

Reported 7.0.4

When highlighting links the color and strength changes during while the highlighting process is active. If the chart items are then selected, copied and pasted into a new chart the links default properties are set to the highlighted properties.

Dragging an Online iLink visualization into Analyst's Notebook 7 fails if ChartReader 6 has been installed (# 31059)

Reported 7.0.7

Dragging an *Online iLink* visualization into *Analyst's Notebook 7* fails if *ChartReader 6.0.13* or earlier with *Online Chart Saver* has been installed.

This issue cannot be resolved. In order to save *Online iLink* visualizations continue to use *Analyst's Notebook 6* or *ChartReader 6*. Once the visualizations have been saved in version 6 they can be opened in version 7.

An error can occur when a user logs on using Terminal Services (# IR 1628)

Reported 7.0.7

When a user connects to the server via Terminal Services an error "Only administrators have permission to add, remove, or configure server software during a Terminal Services remote session. If you want to install or configure software on the server, contact your network administrator" can occur.

To resolve this issue the administrator must run *Analyst's Notebook* on the server.

Analyst's Notebook may crash when selecting Read Layout Settings From Chart (# 31141)

Reported 7.0.7

Analyst's Notebook may crash when selecting **Read Layout Settings From Chart** on the **Analysis** menu. It is advised that all open charts are saved before using this functionality.

Microsoft Vista Known Limitations

Analyst's Notebook can be installed and operates on Windows Vista. However not all aspects of product behavior may be as effective as on Windows 2000 and XP. i2 is committed to updating its product suite to fully support Vista in the near future.

Known issues with *Analyst's Notebook* operating on Windows Vista are as follows:

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

Reported: 7.0.0

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 shown to cause issues..

What's This? Help is not natively supported in Windows Vista (#30396)

Reported: 7.0.0

Analyst's Notebook 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 can not be indexed and searched by Vista search mechanism (#30999)

Reported: 7.0.0

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 (#30361)

Reported: 7.0.0

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

Opening multiple charts from Windows Explorer fails and causes errors (# 29956)

Reported 7.0.0

In some instances attempting to open multiple *Analyst's Notebook* charts from Windows Explorer results in errors. The error messages are dependant on whether *Analyst's Notebook* was running or not. The error only occurs when attempting to open certain files. All charts will open individually.

Redraw issue when show desktop is used on Microsoft Vista (# 29271)

Reported 7.0.0

An error occurs if the *Analyst's Notebook* window is maximized, then show desktop is activated twice. The *Analyst's Notebook* window will maximize on the second activation, but all the toolbars and window areas will be black.

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.

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