

# Analyst's Notebook 6

## Release Notes

Version 6.0.13  
November 2003  
Part Number: 0567  
Issue No. 1

*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.

*Analyst's Notebook 6* is a single application that builds upon the advanced features of *Analyst's Notebook 5*. It provides for the creation of integrated link and timeline charts, allowing the user to visualize a chart from link and timeline perspectives without any loss of information.

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## What's New In This Release

The following table summarizes the *Analyst's Notebook 6* releases:

Version	Release Date
<i>Analyst's Notebook 6.0.13</i>	November 2003
<i>Analyst's Notebook 6.0.9</i>	May 2003
<i>Analyst's Notebook 6.0.7</i>	February 2003
<i>Analyst's Notebook 6.0.1</i>	November 2002

### Analyst's Notebook 6.0.13

*Analyst's Notebook 6.0.13* is a maintenance release of *Analyst's Notebook 6* that addresses many of the bugs reported since *Analyst's Notebook 6.0.9* and incorporates all bug fixes made prior to that release.

You should refer to the sections titled *Enhancements and Bug Fixes* and *Known Limitations* at the end of these release notes for more information.

### Analyst's Notebook 6.0.9

*Analyst's Notebook 6.0.9* is a maintenance release of *Analyst's Notebook 6* that addresses many of the bugs reported since *Analyst's Notebook 6.0.7* and incorporates all bug fixes made prior to that release.

In addition to addressing bugs, *Analyst's Notebook 6.0.9* also includes a set of enhancements:

- Series Import

This new command line utility allows you to easily automate the running of your import specifications. You can use it to chain the importing of many import specifications into your charts based on the data file you specify.

Documentation describing how to use Series Import is available from the *Utilities Guide*. This Adobe® PDF document is available from the Start menu.

- List Cards

The powerful new List Cards analysis tool provides you with the facility to display information about your chart's cards. In many ways it provides similar functionality for cards to that which List Items provides for chart items.

- Hide unselected items

New one-click commands available from the View menu and Display toolbar allow you to easily display only the selected chart items on screen, hiding all the other chart items. An option entitled Hide Others has been added to the Find Linked and Find Path analysis tools to allow you to show only the results of the Find analysis.

- Searching using wildcards

Searching your charts is now even easier with the addition of wildcard searching. The Find Text utility includes an option to allow searching using the wildcards ? and \* to represent one or many characters.

- Store chart layout settings

You can now effortlessly store your layout settings with your charts. This allows you to easily work with different layout settings for different charts and to pass your charts to

your colleagues knowing that they will be able to run the layouts as you intended. Two new commands for storing and restoring your layout settings are available from the Layout menu.

- Peacock layout enhancements

The Peacock layout has been improved to better handle charts containing a mixture of link and temporal elements.

- New icons

Many new icons have been added, including representations for a PDA, a CD-ROM, a letter bomb, evidence, and separate icons for common drugs.

### **Analyst's Notebook 6.0.7**

*Analyst's Notebook 6.0.7* is a maintenance release of *Analyst's Notebook 6* that addresses many of the bugs reported since the *Analyst's Notebook 6.0.1* release.

*Analyst's Notebook 6.0.7* was not released for general distribution.

### **Analyst's Notebook 6.0.1**

*Analyst's Notebook 6* is based on *Link Notebook 5* technologies that have been extended to include sequences of events and timeline analysis. *Analyst's Notebook 6* enables you to create a single chart containing a combination of both linked and temporal information.

The following items briefly describe the new features and enhancements:

- Theme line and event frame entity representations
- Date and time concept for chart items incorporating time zones
- Ordered concept for chart items
- Time bar
- Temporal layouts for your timeline charts
- Analysis tools extended with temporal capability
- Importer able to import and layout temporal information
- New high definition image set
- Background items that may be used to show pictures behind chart items
- List Items (previously List Entities) offering the ability to search entities and links

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

### **Notes for existing users**

#### **Upgrade Guide**

The *Upgrade Guide* provides an introduction to many of the new features in *Analyst's Notebook 6*. This *Upgrade Guide* is available as an Adobe PDF document from your Start menu under:

**i2 ► Analyst's Notebook 6 ► Documentation ► Upgrade Guide**

## Compatible companion products

You may have licensed one or more *Analyst's Notebook 5* companion products including:

- iBase
- iBridge
- PatternTracer TCA

Older versions of these companion products all work exclusively with *Analyst's Notebook 5* and in order to use these products with *Analyst's Notebook 6*, you must install updated versions of these applications.

The *Analyst's Notebook 6* compatible versions of the companion products are functionally equivalent to the *Analyst's Notebook 5* compatible versions. The only difference is that they create charts using *Analyst's Notebook 6*, rather than using either the *Link Notebook* or *Case Notebook* applications in *Analyst's Notebook 5*.

## Archiving Analyst's Notebook 5

*Analyst's Notebook 6* is able to open *Analyst's Notebook 5* charts. However, future versions of *Analyst's Notebook* may not have this assurance. i2 suggests that your organization archive a copy of the *Analyst's Notebook 5* applications in order that any charts in *Analyst's Notebook 5* format can be viewed in the future.

## System Requirements

These are the recommended system hardware requirements for *Analyst's Notebook 6*:

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### Requirement

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500 MHz processor

128 MB RAM

200 MB free disk space

1024x768 High Color (16 bit) display

Parallel printer port or USB port (for dongle)

CD-ROM drive (for installation)

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These are the supported operating systems for *Analyst's Notebook 6*:

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### **Operating System**

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Windows XP Professional

Windows 2000 Professional Service Pack 2

Windows NT Workstation 4.0 Service Pack 6a

Windows Millennium Edition

Windows 98 Second Edition

Windows Server 2003 Standard/Enterprise

Windows Server 2003 Standard/Enterprise & Citrix MetaFrame XP

Windows 2000 Server/Advanced Server with Terminal Services

Windows 2000 Server/Advanced Server with Terminal Services & Citrix MetaFrame 1.8

Windows 2000 Server/Advanced Server with Terminal Services & Citrix MetaFrame XP

Windows NT Server 4.0 Terminal Server Edition Service Pack 6

Windows NT Server 4.0 Terminal Server Edition Service Pack 6 with Citrix MetaFrame 1.8

Windows NT Server 4.0 Terminal Server Edition Service Pack 6 with Citrix MetaFrame XP

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*Analyst's Notebook 6* is supported on Western Europe & USA, Central Europe and Baltic regional versions of the supported operating systems.

*Analyst's Notebook 6* requires that Microsoft® Internet Explorer 5.5 or later is present on the installation system. However Internet Explorer need not be the default web browser. A compatible version of Internet Explorer is included on the CD.

In order to open *Analyst's Notebook* Exchange charts (\*.anx files) or use the XML Import capabilities of *Analyst's Notebook 6*, Microsoft XML Core Services 4.0 Service Pack 1 must be present on the installation system. A compatible version of Microsoft XML Core Services is included on the CD.

The printed documentation provided with *Analyst's Notebook 6* is also available electronically in Adobe PDF format. 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.

## **Authorization Information**

*Analyst's Notebook 6* is a licensed product and requires a dongle containing a valid permit in order to run.

### **Notes for existing users**

*Analyst's Notebook 6* uses the same dongle permits as *Analyst's Notebook 5*. Therefore existing users do not require a replacement dongle.

### **NetHASP authorization**

If you use a NetHASP authorization solution (a red network dongle) then you should transfer the NetHASP configuration file from your *Analyst's Notebook 5* folder to the new *Analyst's Notebook 6* folder.

On a typical *Analyst's Notebook 5* installation the configuration file is located at:

C:\Program Files\Analyst\Nethasp.ini

For a typical *Analyst's Notebook 6* installation, this file should be copied to:

C:\Program Files\Analyst's Notebook 6\Nethasp.ini

### 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.

### Updated NetHASP Network License Manager

If you use a NetHASP authorization solution (a red network dongle), the following minimum license manager software versions are required to use *Analyst's Notebook 6*:

Network	License Manager Version
Windows	8.09
Netware	8.04

These versions can be found on the *Analyst's Notebook 6* CD in the following location:

CD Drive:\Analyst's Notebook\Dongle\Hasperv

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

NetHASP users should also note that there is a new Monitor program that can be installed from the following location:

CD Drive:\Analyst's Notebook\Dongle\Haspmon

## Documentation

The following printed documentation is available for this release:

Manual Title	Part Number
<i>Release Notes</i>	0567
<i>Upgrade Guide</i>	0272
<i>Quick Start Guide</i>	0318
<i>User Guide - Creating Charts</i>	0315
<i>User Guide - Importing</i>	0316
<i>User Guide - Customizing and Analyzing</i>	0317

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

**i2 ► Analyst's Notebook 6 ► Documentation**

## Examples

A selection of example charts and import data is provided with *Analyst's Notebook 6*. On a typical installation these examples are located at:

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

A variety of charts and import data are provided that accompany the examples in the Guides. On a typical installation these charts are located at:

```
C:\Program Files\Analyst's Notebook 6\Documentation\  
Example Material
```

## Online help

Comprehensive online help is available from within *Analyst's Notebook 6* that provides reference information for all the product's functionality.

## Utilities

The `Utils` folder found beneath the installation folder for *Analyst's Notebook 6* includes the following utilities:

- `Reset Toolbars.exe`

This application resets toolbar settings to the *Analyst's Notebook 6* 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 from the *Utilities Guide*. This Adobe PDF guide is available from the Start menu.

## Installation

### Windows Terminal Services

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

### Upgrade notes

*Analyst's Notebook 6* can be installed on the same computer as *Analyst's Notebook 5*.

Existing versions of *Analyst's Notebook 6.0* must be uninstalled before installing this version. If a previous version exists on your computer then the installer asks whether it should automatically uninstall the earlier version before it proceeds.

## Installation steps

To install *Analyst's Notebook*:

1. Insert the *Analyst's Notebook* CD into your computer's CD drive.
2. The installation will start automatically. If it does not, run `Setup.exe`, located at:  
*CD Drive*: \Analyst's Notebook
3. Follow the prompts to complete the installation.
4. Run *Analyst's Notebook* from your Start menu:  
**i2 ► Analyst's Notebook 6 ► Analyst's Notebook 6**

## Language specific files

The installation CD includes a folder containing language specific files. The name of this language folder includes the specific language name and has the following syntax:

*CD Drive*: \Analyst's Notebook\Language\*language name*

For example, for the English (UK) language version, the language folder is named:

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

The language configuration file, `Language.ini`, controls the installation of language specific files and folders. This file is located in:

*CD Drive*: \Analyst's Notebook\Language

## Customizing installed files

During the installation, a number of files are installed from the language folder. This provides a mechanism for users to customize the installation by copying the distribution CD content and changing the files in this folder. The following are examples of the files that are contained in this folder:

- Network dongle configuration - `Nethasp.ini`
- Standard template - `Standard.ant`
- Importer specifications - `Importer.imp`
- Report specifications - `Reporter.rep`

## Spelling dictionaries

*Analyst's Notebook 6* provides a spelling check facility based on the contents of an installed dictionary. Only one dictionary may be installed. The following dictionaries are available:

Language	Installer for Spelling Dictionary
English (American)	American Spell.exe
English (British)	British Spell.exe
Dutch	Dutch Spell.exe
Finnish	Finnish Spell.exe
French	French Spell.exe
French (Canadian)	French-Canadian Spell.exe
German	German Spell.exe
Italian	Italian Spell.exe
Norwegian	Norwegian Spell.exe
Spanish	Spanish Spell.exe
Swedish	Swedish Spell.exe

The dictionary files are located at:

*CD Drive*: \Analyst's Notebook\Spelling

There are two methods that you can use to install an alternative dictionary for use by the spelling checker:

- Run the appropriate dictionary installer after installation of *Analyst's Notebook 6* has taken place. This replaces the installed dictionary with your desired language dictionary. The procedure should be repeated every time *Analyst's Notebook 6* is installed.
- Make a copy of the entire *Analyst's Notebook* folder found in the root folder of the CD.

Edit your new copy of the language configuration file, `Language.ini`, located in the following folder:

*New folder*\Analyst's Notebook\Language

Search the document for the `[Spell Checker]` section and modify the `spell` setting to refer to the appropriate language dictionary file. For example, to install *Analyst's Notebook* with the French language dictionary, you should update the `spell` setting with the following:

```
[Spell Checker]
spell=French Spell.exe
```

This modified installation folder should then be used to install *Analyst's Notebook* with the chosen language dictionary.

## Automated and silent installs

A mechanism is available to configure and automate the execution of the *Analyst's Notebook* installer through the use of a configuration file. This provides a means of installing the product without manual intervention.

The configuration file contains 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 Notebook\Language\language name
```

Executing the installer with the `/S` command line argument causes it to run silently, providing for unattended installation. When this argument is used alone, a default installation will be performed. Silent installation can be combined with the configuration mechanism to control all of the installation options.

## Uninstallation steps

Installing *Analyst's Notebook 6* adds the following entries to your Add/Remove Programs:

- Analyst's Notebook 6  
Use this option to uninstall *Analyst's Notebook 6*.
- i2 Images Files 6  
Use this option to uninstall the images used by *Analyst's Notebook 6* and other i2 products.
- i2 Spelling Checker 6  
Use this option to uninstall the Spelling Checker dictionary used by *Analyst's Notebook 6*.

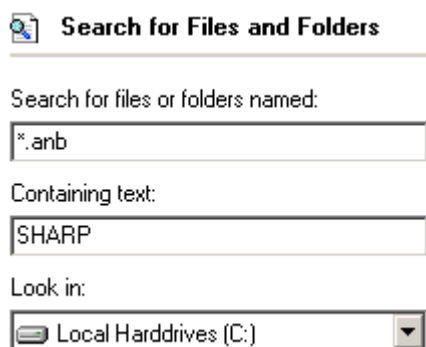
**Note:** If your computer has an existing installation of i2 Spell Checker from *Analyst's Notebook 5*, then uninstalling i2 Spell Checker removes the Spelling Checker dictionary used by *Analyst's Notebook 5* and *Analyst's Notebook 6*.

## Enhancements and Bug Fixes

### Searching for text in Analyst's Notebook charts using Windows Explorer

Windows Explorer provides searching functionality that allows you to find text stored within *Analyst's Notebook* charts. Using the Search command within Windows Explorer, you can choose to search for *Analyst's Notebook* charts containing specific text.

For example, you can search all your charts for the icon label *SHARP* by looking for files named \*.anb and specifying that the files contain the text *SHARP*. On Windows 2000 the searching criteria for this example would appear as follows:



The image shows a screenshot of the Windows Explorer search interface. At the top, there is a magnifying glass icon followed by the text "Search for Files and Folders". Below this, there are three input fields. The first is labeled "Search for files or folders named:" and contains the text "\*.anb". The second is labeled "Containing text:" and contains the text "SHARP". The third is labeled "Look in:" and shows a dropdown menu with "Local Harddrives (C:)" selected.

**Note:** Using Windows Explorer to search your charts for text can be very useful, but there are limitations. The most important of these limitations are described in this section.

Windows Explorer can only search charts that are not open in *Analyst's Notebook*. Ensure that you close your charts within *Analyst's Notebook* before attempting to search for text inside them.

Chart files contain many textual elements other than those belonging to chart items, for instance:

- Entity and link type names, regardless of whether they are used on the chart
- Attribute class names, regardless of whether they are used on the chart
- Other chart properties and definitions
- File and folder path of the template on which the chart is based

You therefore need to beware that charts found by a search of this kind may not actually feature chart items containing the text of interest. For example, a search for "cocaine" intending to yield charts where the drug is involved is actually likely to find all charts because there is a standard attribute entry having this value. You can check for the possibility of finding instances such as this, that are not related to chart items, by searching an empty chart.

Searching charts using Windows Explorer does not search linked OLE documents, and text from embedded OLE documents that have been removed from your charts may still reside in the chart file.

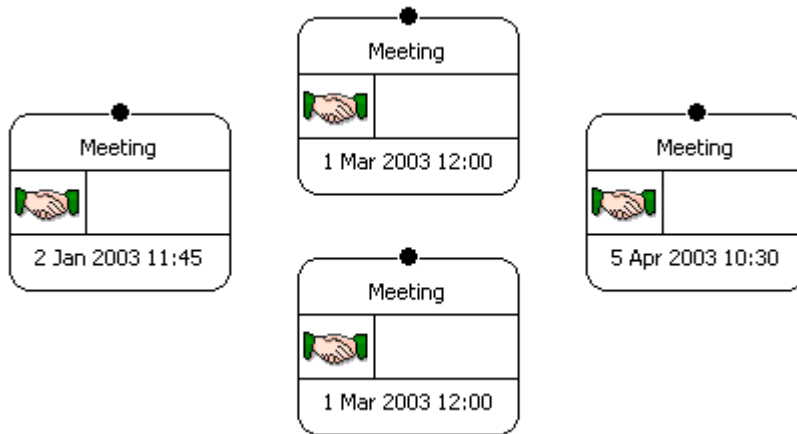
It is only recommended to use Windows Explorer to search charts for text, not for numbers or date and time values since these items may not be recognized by the Windows Explorer searching functionality.

## Importing entities with blank identities (# 12991)

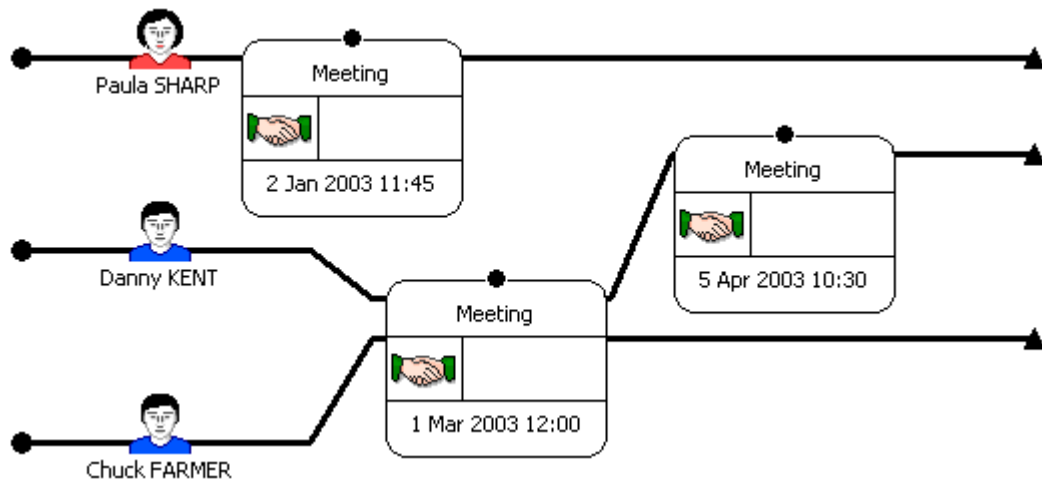
A new option is available for an import specification that allows entities to be created on the chart without an identity. This can be useful when importing event frames when it is not possible to assign a unique identity to the entity from the input data. For example, the data below contains two separate events (the first and third) that have the same name, date and time:

Meeting	1 Mar 2003	12:00	Chuck FARMER
Meeting	5 Apr 2003	10:30	Danny KENT
Meeting	1 Mar 2003	12:00	Danny KENT
Meeting	2 Jan 2003	11:45	Paula SHARP

These can now be imported as separate event frames by selecting Blank from the Options drop-down list on the entity's Identity page. Field 1 would be assigned to the Label of the event frame so that it appears on the chart.



Caution should be exercised when creating entities without an identity because *Analyst's Notebook* will never automatically match and merge such entities. For example, if instead the above data contains multiple instances of the same event in association with a second entity (represented as a theme line), then it is important that the event frame entity is assigned an identity, in this case fields 1-3, so that the same single event frame is associated with Chuck FARMER and Danny KENT.



Entities that have no identity will also behave differently when copying and pasting between charts. For instance, links between such events will not automatically reconnect. Also, when the same entity is pasted into a chart for a second time, it will be duplicated

rather than merging with the original.

General advice on identities for entities can be found in the *User Guide: Creating Charts* on page 2-14.

### **Importing XML containing database keys can fail (# 12898)**

Importing XML that contains database keys no longer fails since the schema definition now provides additional information to resolve database keys to their parent database proxy.

The `<DatabaseKey>` element now contains a reference to its parent `<DatabaseProxy>` element. This comes in the form of an `IDREF` (required if `IdReferenceLinking` is "true") or the class ID and instance name of the parent proxy. XML containing database keys generated for *Analyst's Notebook* 6.0.1 will need to be modified to include these additional references before it can be imported into *Analyst's Notebook* 6.0.7. XML that does not contain database key references is still compatible.

### **Charts pasted into other applications may appear slightly different (# 12856)**

Pictures of charts pasted into other applications no longer look slightly different to the charts displayed in *Analyst's Notebook*.

### **Inserting a theme line whilst using Ctrl + Shift can generate an application error (# 12909)**

The application does not generate an application error when a theme line is inserted using Ctrl + Shift.

### **Dragging chart items with hidden corners can cause application instability (# 12910)**

Dragging chart items when there are hidden corners in the chart no longer causes *Analyst's Notebook* to become unstable or generate an application error.

### **Non-English Case Notebook 5 charts may fail to open correctly (# 12917)**

*Case Notebook* 5 charts open correctly in *Analyst's Notebook* 6, even if a line strength named `Confirmed` does not exist.

### **Incorrect text colors for Link Notebook 5 charts containing filled circles and text blocks (# 12921)**

There was a problem when opening *Link Notebook* 5 charts that contain filled circles or text blocks and caused any item on the chart, or any item subsequently added to the chart, to be displayed with incorrect font shading (the background color for text). This no longer occurs.

### **Opening a chart after printing a different chart could cause an application error under certain circumstances (#14007)**

Under some circumstances the application could crash when opening a chart after printing another chart. This no longer happens.

### **Removing the Label column in List Items causes an application error (#14227)**

It is no longer possible to remove the Label column from List Items.

## **The Adjust For Best Fit option in Page Setup can generate an application error with large charts (#14253)**

Creating a very large chart can no longer cause Page Setup to crash the application when selecting the Adjust For Best Fit option.

## **Printing dashed lines with a large zoom out can cause an application error (# 23378)**

The application no longer crashes when printing a chart containing dashed lines with a large zoom out.

## **Using certain printers with Analyst's Notebook can cause an application error during start-up or when printing (# 23462)**

The use of certain printers with *Analyst's Notebook* no longer causes a crash when the application is starting or when a chart is being printed.

## **Scrolling a mouse wheel in the Visual Search Set Link Type drop down list can cause an application error (# 23486)**

The application no longer crashes when the mouse wheel is used to scroll through entries in the Set Link Type drop down list in Visual Search.

## **Analyst's Notebook incorrectly reports that the expiry date has passed and cannot be started using some dongles (# 23754)**

The application no longer incorrectly reports that the expiry date had passed and the application is no longer prevented from being started.

## **Known Limitations**

### **Printing**

The *Analyst's Notebook 6* 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, as for *Link Notebook 5*.

**Embedding a chart in Word can cause an application error (# 13602)**

Inserting an *Analyst's Notebook* chart into Word can cause an application error in *Analyst's Notebook* due to a problem with certain printer drivers.

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

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

**Links between icons and themes can draw diagonally in embedded charts (# 13544)**

Under exceptional circumstances, links between icons and themes can draw diagonally when the chart is embedded using OLE.