

Release Bulletin InfoMaker® 11.5.1

Document ID: DC33824-01-1151-01

Last revised: May 14, 2009

Topic	Page
1. Accessing current release bulletin information	2
2. Product summary	2
3. Special installation instructions	3
3.1 Before you install	3
3.2 Updating InfoMaker 11.5 to InfoMaker 11.5.1	3
4. Changed functionality in this version	4
4.1 Deployment support for the Windows 2000 platform	4
4.2 JDK 1.6 support	4
4.3 FIPS 140-2 certification	4
4.4 Support for Microsoft Office 2007 Excel formats	5
4.5 Support for SQL Anywhere 11.0 mirroring	5
4.6 Informix 11.5 Support	5
4.7 Microsoft SQL Server 2008 support	6
5. Known problems	6
5.1 Gradient, transparency and tooltip properties	6
5.2 New 3D graph styles	7
5.3 PNG support issues	8
5.4 Other issues	9
6. Product compatibilities	10
6.1 SQL Anywhere	10
6.2 Ghostscript	10
7. Third-party components and deployment	10
7.1 Apache files	10
7.2 Microsoft files	11
7.3 Sun Microsystems files	12
8. Documentation updates and clarifications	12

Topic	Page
9. Migration information	12
9.1 OLE DB performance with Microsoft SQL Server	12
10. Technical support	13
11. Other sources of information	13
11.1 Sybase certifications on the Web	14
11.2 Sybase EBFs and software maintenance	14
12. Accessibility features	15

1. Accessing current release bulletin information

A more recent version of this release bulletin may be available on the Web. To check for critical product or document information added after the product release, use the Sybase® Product Manuals Web site.

❖ Accessing release bulletins at the Sybase Product Manuals Web site

- 1 Go to Product Manuals at <http://www.sybase.com/support/manuals/>.
- 2 Select a product and language and click Go.
- 3 Select a product version from the Document Set list.
- 4 Select the Release Bulletins link.
- 5 Select the link to the release bulletin. You can either download the PDF version or browse the document online.

2. Product summary

Enclosed is Sybase InfoMaker® version 11.5.1, which is compatible with the following platform and operating system configurations:

- Microsoft Windows XP with Service Pack 3
- Microsoft Windows XP Tablet PC Edition with Service Pack 3
- Microsoft Windows Server 2003 with Service Pack 2
- Microsoft Windows Vista Business Edition with Service Pack 1
- Microsoft Windows Server 2008 (support for deployment)

InfoMaker 11.5.1 builds 32-bit applications, but supports deployed applications in both 32-bit and 64-bit environments on the Vista operating system. For more information about using InfoMaker Help on the Vista operating system, “Vista Support” in the online Help.

The Microsoft Windows 2000 operating system with Service Pack 4 is supported for deployment only.

3. Special installation instructions

InfoMaker 11.5.1 is available as an update for InfoMaker 11.5 users.

3.1 Before you install

Before you install this release, shut down any applications running on your system. Restart your system after all the installations are complete.

The executable files in this release extract setup files to the folder specified by your TMP environment variable, or the folder specified by your TEMP environment variable if TMP is not defined or specifies a directory that does not exist. Make sure you have enough disk space on the drive containing this folder before beginning the installation.

To specify an alternative location, open the System Properties dialog box from the Windows control panel, select the TMP user variable (or TEMP if TMP does not exist) on the Environment or Advanced tab page, and specify a location that has sufficient space.

3.2 Updating InfoMaker 11.5 to InfoMaker 11.5.1

You can download the InfoMaker 11.5.1 update from the InfoMaker page of the Sybase EBFs/Maintenance site at <http://downloads.sybase.com> (select “in all months” and click the GO button if you do not see the 11.5.1 release). Download the zip file and extract its contents to a temporary directory on your computer using the “Use folder names” option.

To install the InfoMaker 11.5.1 update, you must have already installed version 11.5 of InfoMaker on your computer.

❖ To update InfoMaker:

- 1 Create a backup by copying the contents of your *Sybase\Shared\PowerBuilder* directory to another directory.

- 2 If you use the Internet plug-ins, back up the *Internet Tools* directory in the *Sybase\InfoMaker 11.5* directory. Also, back up other files that contain information you do not want to lose, such as PBLs, database files, and *.INI* files.
- 3 Run the *setup.exe* file in the *InfoMaker* directory extracted from the zip file.

4. Changed functionality in this version

4.1 Deployment support for the Windows 2000 platform

Due to customer request, InfoMaker 11.5.1 includes deployment and runtime support for the Windows 2000 platform that was previously discontinued with the InfoMaker 11.5 release. However, Windows 2000 is not supported as a development platform, and runtime support may be removed in future releases of InfoMaker.

4.2 JDK 1.6 support

InfoMaker 11.5.1 applications and components include support for JDK1.6_02, that you can optionally install with the Sybase EAServer 6.2 setup program.

4.3 FIPS 140-2 certification

The InfoMaker 11.5.1 development environment meets the encryption requirements of the Federal Information Processing Standard (FIPS) as outlined in Publication 140-2 of the United States government's National Institute of Standards and Technology. To meet these standards, InfoMaker embeds the Certicom 5.x cryptographic modules.

The FIPS 140-2 standard requires that passwords be encrypted. The InfoMaker 11.5.1 user interface displays all passwords as strings of asterisks. Some files with passwords, such as database profiles, that you export from InfoMaker 11.5.1, cannot be correctly imported into earlier versions of InfoMaker because of the enhanced password protection. However you can still import files containing unencrypted passwords from earlier versions of InfoMaker. When you save these files in—or export them from—InfoMaker 11.5.1, the passwords are encrypted using a FIPS compatible method.

4.4 Support for Microsoft Office 2007 Excel formats

Previous releases of InfoMaker allow you to save Report data in Excel5 and Excel8 format, but with InfoMaker 11.5.1 you can also save Report data in .*XLSX* and .*XLSB* (Excel12) format, with or without column headers. Because .NET Framework 3.0 or later must be installed on development and runtime computers to use this functionality, you cannot save data in these formats on Windows 2000 computers.

Other than the Windows 2000 platform restriction, the same level of support is provided as for Microsoft Office 2003. You can export Report data to Excel 2007 formats by selecting one of the Excel12 items from the drop-down list in the Save As dialog box that displays when you select the Save Rows As menu item in the Report painter.

Excel 2007 support is dependent on the following strongly named assemblies:

- *Sybase.PowerBuilder.DataWindow.Excel12.dll* This assembly is installed in the GAC.
- *PBDWExcel12Interop115.dll* This assembly is installed in the Sybase/Shared/PowerBuilder directory.

4.5 Support for SQL Anywhere 11.0 mirroring

InfoMaker 11.5.1 allows you to take advantage of SQL Anywhere 11.0 database mirroring. Database mirroring is a configuration of either two or three database servers that cooperate to maintain copies of database and transaction log files. If the primary server becomes unavailable because of hardware or software failure, the mirror server negotiates with the SQL Anywhere arbiter server to take ownership of the database and assume the role of primary server.

4.6 Informix 11.5 Support

InfoMaker 11.5.1 applications and components work correctly with the Informix 11.5 DBMS through the I10 interface, although new Informix 11.5 features are not supported in this release. You can use the I10 Informix v10.x database driver to connect to the Informix 11.5 DBMS, but this also requires that you upgrade the Informix client from Informix SDK 2.9 to Informix SDK3.5.

4.7 Microsoft SQL Server 2008 support

InfoMaker 11.5 included support for many of the new SQL Server 2008 features, but the released SQL Server product was not available for complete testing before the PowerBuilder release date. However, these features have been tested with InfoMaker 11.5.1. They are described in the *New Features Guide* for InfoMaker 11.5, and in the online Help.

5. Known problems

5.1 Gradient, transparency and tooltip properties

5.1.1 SaveAs and Print methods do not work well with transparency settings

If you set the Transparency property for a Report column, text, or GroupBox object, the text in the object appears blurry and displays in a bold font in the PDF file that you generate with a SaveAs call or in a copy of the report that you print with a print method call. [CR 528766]

5.1.2 Using solid brush mode with transparency slows PDF save process

If you use a solid color with a level of transparency other than zero on a Report object, band, or control (Button, Column, Text, drawing object, and so on) and try to save to a PDF file, the save process takes considerably more time than when no transparency is used. [CR 538090]

5.1.3 Stray color line displays when using Repetition Count with gradients

This issue applies to static text and column objects. If you set the Brushmode to Horizontal, Vertical, Angle, or ScaleAngle, then set Repetition Mode to By Repetition Count and set the Repetition Count to greater than 1, a stray line displays on one of the object edges. [CR 529340]

5.1.4 InkPicture must be disabled for tooltip to appear

If you want to add a tooltip to an InkPicture in a Report object, the InkPicture must not be enabled. [CR 530824]

5.1.5 Tooltip colors cannot be customized on Windows Vista

On Windows Vista, you cannot change the color of the tooltip text or background unless you also change the display properties to use Classic themes. [CR 495074]

5.1.6 No menu item for making Picture control color transparent on a Form

If you add a Picture control to a Form, there is no selection from the control's pop-up menu to make a color transparent, as there is from the pop-up menu of a Picture control in a Report. The Make Color Transparent menu item on a Report automatically enters a color in the Transparent Color field on the General tab of the Properties view for the Picture control. However, for a Picture control on a Form, you can still manually enter a color to make transparent in the Transparent Color field. [CR 497222]

5.1.7 Transparent color does not work correctly on remote desktop

If you run an InfoMaker application on a remote computer using Remote Desktop Connection, the transparent color for pictures in a Report object does not display correctly. When you develop an InfoMaker application using Remote Desktop Connection, the same issue occurs at design time if you select the Make Color Transparent menu item. [CR 539530]

5.1.8 Transparent color and gradient settings in Summary bands

If you set the color for a Summary band to Transparent and use a gradient, the Summary band does not display the gradient properties, but remains transparent to the background color of the Report. This issue occurs in all presentation styles and with all gradient brush modes. [CR 538201]

5.2 New 3D graph styles

5.2.1 New 3D graphs cannot be rendered on virtual platforms

VMWare virtual workstations do not fully support DirectX 3D graphics. If you try to use these graph styles on a virtual platform, InfoMaker crashes. [CR 528885]

5.2.2 Older graphics adaptors do not display anti-aliased grid lines

In the new DirectX 3D graph styles, grid lines are designed to render with anti-aliasing. This is incompatible with older graphics adapters, so on these adapters the grid lines do not render with anti-aliasing. [CR 531837]

5.2.3 Visual anomalies in graphs with DirectX 3D rendering

Some graphics cards do not support multisampling with DirectX-enabled 3D graphs. Multisampling is used for anti-aliasing, making the edges of the 3D objects in your graphs appear less jagged. If a DirectX 3D graph does not display correctly on a runtime computer, you can turn off multisampling by creating a PB_Graph_Multisampling system environment variable and setting it to FALSE. If this does not work, you need to replace the graphics card to display DirectX 3D graphs correctly. [CR 530128]

5.2.4 Area3D DirectX graph with transparency settings displays irregular shadows

When you use an Area3D style graph with the DirectX 3D rendering and set the transparencies for a series or adjacent data points, shadows indicating the separation between data points might not display correctly. This could also give inaccurate impressions of the heights of certain data points. [CR 536659, CR 536661]

5.3 PNG support issues

5.3.1 Some PNG images cannot display in InkPicture controls

Alpha transparency and multilevel transparency PNG images do not display correctly in InkPicture controls and cause an exception to be raised. PNG images with color-type 2c (rgb color) or 6a (rgb color plus alpha channel), and PNG images with 16-bit bit depth having color-type 0, 2, 4, 6, fail to load in InkPicture controls, but these PNG image types do not cause an exception or error message to display. [CR 496187]

5.3.2 Exporting a Report object containing PNG images to a PDF file

If you export a Report as a PDF file using the XSLFOP method, PNG images in the Report are not saved in the generated PDF. You must use the Distill method to export the PNG images in a Report object to a PDF file. [CR 537283]

5.4 Other issues

5.4.1 Cannot install Sybase DataWindow PS Printer on Windows Vista

The InfoMaker setup program installs the *ADIST5.INF* driver for the Sybase DataWindow PS Printer in the *Sybase Shared\PowerBuilder\Drivers* directory. However, this driver does not work on Vista. To install the Sybase DataWindow PS Printer, you can use the *GHOSTPDF.INF* driver that is installed with Ghostscript 8.x in the *gs\gs8.x\lib* directory. [CR 542436]

5.4.2 Line breaks do not display the same way in print as on screen

When you insert several lines of text in a large string column of a report, the text wraps appropriately. But when you print the report, the line breaks might not occur in the same locations as they do on screen. You can prevent dissimilar line breaks by creating a *PB_ForcePrintLineBreakSame* environment variable on the runtime computer and setting it to 1. However, this also can cause words at the end of a line to be clipped or truncated. If you set the environment variable to 0, the words in the column will not be truncated, but the line breaks in the printed copy will again occur in different locations than they do on screen. [CR 531741]

5.4.3 Images in CMYK format do not display correctly

Images defined in the CMYK format do not display well and are not supported in InfoMaker applications. [CR 489723]

5.4.4 OCI session pooling conflict

Once you create an Oracle Client Interface (OCI) pooling, the pool exists in the machine and does not depend on the current process. Therefore, if you create an OCI pooling in one application (for example a homogeneous session pooling with the *DBPARM CSMIn=10*), and another application tries to create an OCI pooling with similar parameters on the same machine, but with *CSMin=50* to increase the minimum allowable connections, the second pooling attempt causes a conflict and the pooling creation fails. [CR 497649]

5.4.5 New RichText edit styles are not saved in Database painter

If you right-click Edit Styles in the Extended Attributes view of the Database painter and select New from the pop-up menu, the Edit Style view displays. You can select RichText from the Style Type drop-down list, however, when you save the edit style, it changes back to the Edit edit style and you cannot change it back to RichText. You must use the Report painter to add a RichText edit style. [CR 535473]

6. Product compatibilities

6.1 SQL Anywhere

InfoMaker 11.5.1 has been tested with SQL Anywhere® 11.0 and the SQL Anywhere 11.0 Runtime Edition.

6.2 Ghostscript

The report Save As PDF feature has been tested with AFPL Ghostscript version 8.60.

7. Third-party components and deployment

InfoMaker applications have some dependencies on third-party components that are installed with InfoMaker. You may redistribute some of these components with your application, but others must be obtained from the vendor.

For information about components that can be freely downloaded, see the free download terms document. A copy of this document is located in the *Support* directory on the CD and on the Sybase Web site at http://www.sybase.com/softwarelicenses/third_party_legal.

7.1 Apache files

You may redistribute Apache files included with InfoMaker to your users. Any use or distribution of the Apache code included with InfoMaker 11 must comply with the terms of the Apache License which is located in the free download terms document for InfoMaker 11.

Version 0.20.4 of the Apache Formatting Objects Processor (FOP) is required if your application uses XSL-FO to save files as PDF. For more information about FOP, see the Apache FOP Web site at <http://xmlgraphics.apache.org/fop/>.

The Apache Xerces files *xerces-c_2_6.dll* and *xerces-depdom_2_6.dll* are required for XML support for reports. For more information about Xerces, see the Xerces C++ Parser Web site at <http://xml.apache.org/xerces-c/>.

7.2 Microsoft files

Visual C++ runtime
and the Active
Template Library

When you deploy the core InfoMaker runtime files, you must ensure that the *msvcr71.dll* and *msvcp71.dll* Microsoft Visual C++ runtime libraries and the Microsoft .NET Active Template Library (ATL) module, *atl71.dll*, are present on the user's computer. The InfoMaker runtime files have a runtime dependency on these files and they are required for all applications. You can obtain these DLL files from the DLL archive Web site at <http://dlldump.com>. They are also available from the DLL archive Web site at <http://driverskit.com>.

Ink picture libraries

Microsoft.Ink, *Microsoft.Ink.dll*, and *Microsoft.Resources.dll* are required if your application uses the InkEdit EditMask style or InkPicture controls. These files are part of the Microsoft Windows XP Tablet PC Edition Software Development Kit 1.7, which is available on the Microsoft Web site at <http://www.microsoft.com/downloads/details.aspx?FamilyId=B46D4B83-A821-40BC-AA85-C9EE3D6E9699&displaylang=en>.

Microsoft has discovered some incompatibility issues between these DLLs and the .NET Framework 2.0. You can obtain an update to address these issues from Microsoft at <http://www.microsoft.com/downloads/details.aspx?familyid=84BBEFA4-7047-41DF-8583-E3BDBF9D805F&displaylang=en>.

DirectX 9.0c runtime

InfoMaker applications can use DirectX 3D rendering to display 3D graphs (Pie3D, Bar3D, Column3D, Line3D, and Area3D) with a more sophisticated look. You can use data item or series transparency with the DirectX graph styles to improve the presentation of data.

The DirectX 3D rendering depends on the DirectX 9.0c runtime. The first time you select the Render3D check box on the General tab of the Properties view for a 3D graph, PowerBuilder launches the DirectX installer. If you opt out of the installation, the Render3D property is ignored. End users of InfoMaker applications must also have the DirectX 9.0c runtime installed on their computers to view the DirectX graph styles. You can download the DirectX 9.0c runtime from the Microsoft Web site at <http://www.microsoft.com/downloads/details.aspx?FamilyID=2da43d38-db71-4c1b-bc6a-9b6652cd92a3&DisplayLang=en>.

For computers with older graphics drivers, you can check whether DirectX is supported by running *dxdiag.exe*. This file is typically installed in the *Windows\System32* directory. The Display tab of the DirectX Diagnostic Tool that opens when you run *dxdiag.exe* indicates whether Direct3D is enabled.

7.3 Sun Microsystems files

The Java Runtime Environment (JRE) is required for JDBC connections and saving as PDF using XSL-FO. For a copy of third-party terms and conditions for the JRE, see the free download terms document. The JRE can be downloaded from the Sun Developer Network at <http://java.sun.com/javase/downloads/index.jsp>.

8. Documentation updates and clarifications

The Release Bulletin is the only book updated for InfoMaker 11.5.1. For other books in the documentation set, refer to the InfoMaker 11.5 collections on the Sybase Product Manuals Web site or the online Help.

9. Migration information

You can migrate an InfoMaker application from any version of InfoMaker directly to any later version. Before you migrate to a later version, read the following Technical Document to learn about changes in InfoMaker that might affect your application: Migrating PowerBuilder Applications at <http://www.sybase.com/detail?id=1032777>. Topics with IM in parentheses after their titles apply to InfoMaker.

9.1 OLE DB performance with Microsoft SQL Server

In InfoMaker 10.5.2 and later, when you use the OLE DB database interface with a Microsoft SQL Server database and retrieve data into a report or use an embedded SQL cursor in a SELECT statement, server-side cursors are used to support multiple command execution. If this has a negative impact on performance, try increasing the size of the Block database parameter to 500 or more, or adding the following line to the [Microsoft SQL Server] section in the PBODB initialization file to turn off server-side cursors:

```
ServerCursor = 'NO'
```

10. Technical support

Each Sybase installation that has purchased a support contract has one or more designated people who are authorized to contact Sybase Technical Support. If you have any questions about this installation or if you need assistance during the installation process, ask the designated person to contact Sybase Technical Support or the Sybase subsidiary in your area.

11. Other sources of information

Use the Sybase Getting Started CD, the SyBooks CD, and the Sybase Product Manuals Web site to learn more about your product:

- The Getting Started CD contains release bulletins and installation guides in PDF format, and may also contain other documents or updated information not included on the SyBooks CD. It is included with your software. To read or print documents on the Getting Started CD, you need Adobe Acrobat Reader, which you can download at no charge from the Adobe Web site using a link provided on the CD.
- The SyBooks CD contains product manuals and is included with your software. The Eclipse-based SyBooks browser allows you to access the manuals in an easy-to-use, HTML-based format.

Some documentation may be provided in PDF format, which you can access through the PDF directory on the SyBooks CD. To read or print the PDF files, you need Adobe Acrobat Reader.

Refer to the *SyBooks Installation Guide* on the Getting Started CD, or the *README.txt* file on the SyBooks CD for instructions on installing and starting SyBooks.

- The Sybase Product Manuals Web site is an online version of the SyBooks CD that you can access using a standard Web browser. In addition to product manuals, you will find links to EBFs/Maintenance, Technical Documents, Case Management, Solved Cases, newsgroups, and the Sybase Developer Network.

To access the Sybase Product Manuals Web site, go to Product Manuals at <http://www.sybase.com/support/manuals/>.

11.1 Sybase certifications on the Web

Technical documentation at the Sybase Web site is updated frequently.

❖ Finding the latest information on product certifications

- 1 Point your Web browser to Technical Documents at <http://www.sybase.com/support/techdocs/>.
- 2 Click Certification Report.
- 3 In the Certification Report filter select a product, platform, and timeframe and then click Go.
- 4 Click a Certification Report title to display the report.

❖ Finding the latest information on component certifications

- 1 Point your Web browser to Availability and Certification Reports at <http://certification.sybase.com/>.
- 2 Either select the product family and product under Search by Base Product; or select the platform and product under Search by Platform.
- 3 Select Search to display the availability and certification report for the selection.

❖ Creating a personalized view of the Sybase Web site (including support pages)

Set up a MySybase profile. MySybase is a free service that allows you to create a personalized view of Sybase Web pages.

- 1 Point your Web browser to Technical Documents at <http://www.sybase.com/support/techdocs/>.
- 2 Click MySybase and create a MySybase profile.

11.2 Sybase EBFs and software maintenance

❖ Finding the latest information on EBFs and software maintenance

- 1 Point your Web browser to the Sybase Support Page at <http://www.sybase.com/support>.
- 2 Select EBFs/Maintenance. If prompted, enter your MySybase user name and password.
- 3 Select a product.

- 4 Specify a time frame and click Go. A list of EBF/Maintenance releases is displayed.

Padlock icons indicate that you do not have download authorization for certain EBF/Maintenance releases because you are not registered as a Technical Support Contact. If you have not registered, but have valid information provided by your Sybase representative or through your support contract, click Edit Roles to add the “Technical Support Contact” role to your MySybase profile.

- 5 Click the Info icon to display the EBF/Maintenance report, or click the product description to download the software.

12. Accessibility features

This document is available in an HTML version that is specialized for accessibility. You can navigate the HTML with an adaptive technology such as a screen reader, or view it with a screen enlarger.

InfoMaker HTML documentation has been tested for compliance with U.S. government Section 508 Accessibility requirements. Documents that comply with Section 508 generally also meet non-U.S. accessibility guidelines, such as the World Wide Web Consortium (W3C) guidelines for Web sites.

Note You might need to configure your accessibility tool for optimal use. Some screen readers pronounce text based on its case; for example, they pronounce ALL UPPERCASE TEXT as initials, and MixedCase Text as words. You might find it helpful to configure your tool to announce syntax conventions. Consult the documentation for your tool.

For information about how Sybase supports accessibility, see Sybase Accessibility at <http://www.sybase.com/accessibility>. The Sybase Accessibility site includes links to information on Section 508 and W3C standards.

