

# BLACK ICE NEWSLETTER

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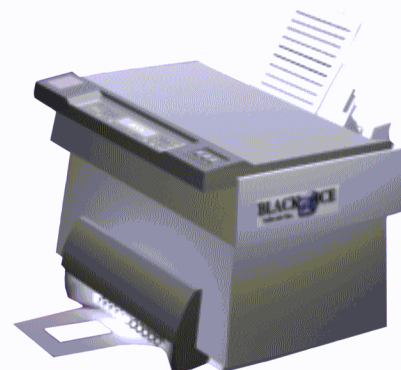
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## Black Ice Software Introduces New ColorPlus Printer Driver!

Black Ice Software is proud to announce the latest addition to our industry leading printer driver product line: the new ColorPlus printer driver. The new ColorPlus printer driver builds upon existing Black Ice technology which has been used by companies across the globe for capturing and converting printjobs from any Windows based application into raster or vector file formats.

The new ColorPlus printer driver combines the features of the two most popular Black Ice printer drivers: the Black Ice Color Printer Driver and the PDF Printer Driver. Using the new ColorPlus printer driver, developers can convert any printable file into a variety of image formats, including JPEG, PDF, TIFF, and many more, all from a single Black Ice printer driver.

Like all Black Ice printer drivers, the new



ColorPlus driver includes a variety of powerful features, many of which are not available in any other printer driver product on the market. Some of the key features include

- Messaging Interface – sends messages related to the printing status at every Start

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## New VB Install for the Black Ice Printer Drivers

Black Ice Software has recently developed and included a new Visual Basic install as part of the Resource Toolkit shipped with every release driver. The new VB install is provided in addition to the sample Install Shield script, and is based on the recently added dInstallBlackIcePrinter function of the Black Ice printer driver Install DLL.

The purpose of the VB install is to provide developers with an example of how to install

the Black Ice printer drivers using a package other than Install Shield. Developers can use the VB install as a starting point for their own custom installation, or can convert the VB install to their programming language of choice, such as C#, VB .NET, etc.

The new VB install for the Black Ice printer drivers can easily be customized to meet a

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(ColorPlus, Continued from Page 1...)

of Document, Start of Page, End of Page and End of Document.

- **Start Application** – Launch an application when printing is started or once printing has finished
- **Command line argument passing** – pass command line parameters to the application launched by the Black Ice printer, including, document name, printer name, orientation, multipage file, and a custom parameter which can be any string up to 64 characters long
- **Watermark** – add a watermark to each image created using the driver. Great for adding company logos, etc.
- **Embed Annotation** – dynamically annotate generated images with a variety of information including date and time, document name and more
- **Programmatically Convert Files** – convert any printable file into a PDF, TIFF or JPEG without any user interaction.

Using features such as the Profile Manager of the Black Ice printer drivers or by installing multiple instances of the Black Ice printer drivers on a single system, the ColorPlus printer driver can be presented in an efficient, user friendly manner to allow even the most novice end user the ability to print to a specific filetype which meets the target application's specific requirements. For example, one profile/instance of the ColorPlus printer driver could be configured to create full color PDF files for document archiving, while a separate printer/profile can be used for creating Group 4 TIFF files for faxing.

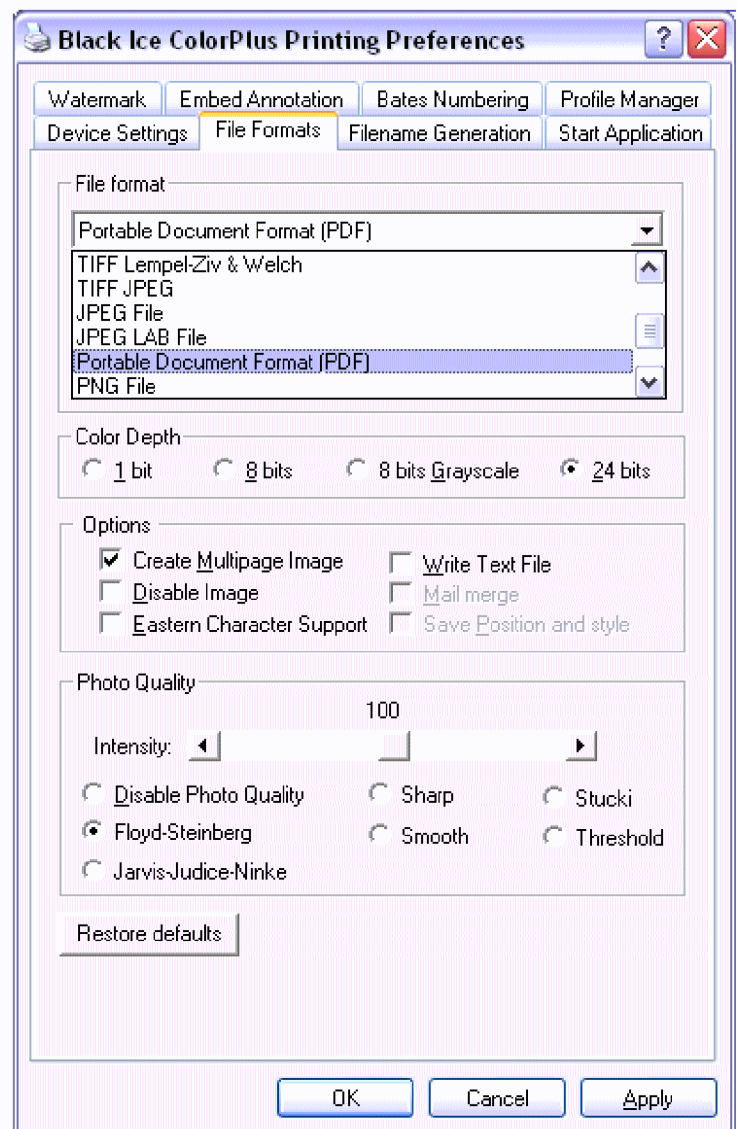
The release version of the Black Ice ColorPlus printer driver includes its own unique resource toolkit which contains a variety of sample applications and utilities, as well as an extensive API of over 350 functions, allowing developers to programmatically set and get any setting of the ColorPlus printer driver.

The new ColorPlus printer driver allows developers to work with a single Black Ice printer driver when previously, developers needed to license, maintain and configure two separate drivers (the Black Ice PDF and Color printer drivers) for a given target operating system.

The new ColorPlus printer driver is available as two separately licensed products, one for Windows NT/2000/XP and a second for Windows 2003, Windows Terminal Servers and Citrix. Like all Black Ice printer drivers, the new ColorPlus printer drivers are royalty free, allowing

developers to distribute as many copies of their applications which utilize the ColorPlus driver and they never have to pay runtime fees.

For additional, detailed information, or to download an evaluation copy of the new ColorPlus printer driver, please visit the Black Ice website at: [www.blackice.com](http://www.blackice.com). Contact the Black Ice sales department for details on licensing the new ColorPlus printer driver or for information on how to upgrade your existing Color or PDF driver to the new ColorPlus driver.



New Black Ice ColorPlus Printer Driver

*(VB Install, Continued from Page 1...)*

company's specific need. Since the VB install calls a single function of the Black Ice printer driver Install DLL, developers only have to change the parameters of this one function call to reflect their specific printer requirements, such as changing the printer name, port name, printer driver file names, etc. Developers can change specific settings of the Black Ice printer drivers at install time by using the BlackIceDEVMODE DLL or OCX, or they can customize the ini file (BIMININT, for example in the

case of the Monochrome NT/2000/XP driver) to install the driver with a specific configuration as the default settings for all users of the Black Ice printer driver.

Additionally, the new VB install for the Black Ice printer drivers provides a concrete example of how to install multiple copies of the Black Ice printer drivers on the same system. Full details on multiple printer instances are available in the "**New Multiple Printer Driver install for the Black Ice Printer Drivers**" of this newsletter.

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## **New Multiple Printer Driver install for the Black Ice Printer Drivers**

The Black Ice printer drivers allow developers to install multiple instances of the same driver on a single system. In order to accomplish this, developers must create a unique set of printer driver files as well as unique names for each component of the Black Ice printer driver, such as the printer name, port name, etc.

Included in the new VB install, which is part of the latest Resource Toolkits, is an example of how to install multiple printer driver instances on a single system. Developers can easily modify the provided two printer installation to create complex systems of 2 or more Black Ice printer drivers on a single system.

Since the Black Ice printer drivers operate just like a "typical" physical printer, printjobs will be added to the print queue and processed in the order they arrive. By using more than one instance of the Black Ice printer drivers on a single system, developers can manage multiple printers and process multiple printjobs at the same time, one printjob for each printer instance. Additional uses for multiple printer driver instances is to create a separate printer driver for each type of output file you will create. For example, developers can set up one instance of the new ColorPlus printer driver to generate PDF files, and a second instance of the ColorPlus driver to generate JPEG files. You can specify unique names which identify each printer, for example, the PDF instance can be named COMPANY PDF, while the JPEG instance can be COMPANY JPEG. This way you can instruct end users to print to the appropriately named driver and they won't have to configure the drivers on their own.

## **New Detect Dialtone Feature added to the Fax C++/ActiveX**

Version 10.07 of the Fax C++/ActiveX includes a useful new feature which allows developers to check for a dialtone on any open port from within their application. Checking for dialtones is useful to ensure that the end user's hardware is correctly connected to a phone line, and helps to reduce technical support requests.

Utilizing the new Detect Dialtone feature of the Fax C++/ActiveX is as simple as calling a single function/method, appropriately named DetectDialtone.

Developers can download an evaluation copy of the latest Fax C++/ActiveX toolkit from the Black Ice website at [www.blackice.com](http://www.blackice.com) and try the new DetectDialtone feature for themselves.

## **Renaming the Black Ice Printer Driver Port Monitor**

The latest version (8.73) of the Black Ice printer drivers allow developers to rename the port monitor so they can ensure that every Black Ice printer driver instance has it's own unique monitor for data handling. Black Ice Software recommends that if developers are creating an installation which will install multiple instances of the Black Ice printer drivers on a single system that they install a separate instance of the port monitor for each instance of the printer.

To install a separate instance of the port monitor, simply specify a new port monitor name for each call of the `dInstallBlackIcePrinter()` function from the Install DLL.

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**Inside**

**New ColorPlus Printer Driver released,  
New VB Install for the Black Ice printers and more...**

**Time to upgrade?**



**Latest Version Numbers**

**Printer Drivers**

Product	Version	Date
Color Printer Driver for Win95/98/ME	5.62	04/20/04
Metafile Printer Driver for Win95/98/ME	5.62	04/20/04
Mono Printer Driver for Win95/98/ME	5.62	04/20/04
PDF Printer Driver for Win95/98/ME	5.62	04/20/04
Mono Printer Driver for NT/Win2000/XP	8.74	07/19/04
Color Printer Driver for NT/Win2000/XP	8.74	07/19/04
Mono Printer Driver for NT/W2K/XP	8.74	07/19/04
Metafile Printer Driver for NT/W2K/XP	8.74	07/19/04
PDF Printer Driver for NT/W2K/XP	8.74	07/19/04
Terminal Server Printer Drivers/Win2003	8.74	07/19/04

**Impact Products**

Product	Version	Date
Impact Fax Server	4.36	02/18/04
Impact Fax on Demand	4.06	12/01/00
Impact Fax Broadcast	4.00	08/03/04
Impact ColorFax	6.00	07/22/04
Drag and Drop Printing	2.00	12/24/02

**Fax, Voice and Image Toolkits**

Product	Version	Date
Fax C++/ActiveX/COM	10.07	06/17/04
Voice C++/ActiveX/COM	10.07	06/17/04
Tiff SDK/ActiveX/COM	10.24	07/06/04
Annotation SDK/ActiveX/COM	10.24	07/06/04
Fax Cover Page Generator SDK/ActiveX	10.24	07/06/04
Image SDK/ActiveX	10.24	07/06/04
Document Imaging SDK/ActiveX	10.24	07/06/04
Barcode SDK/ActiveX	3.00	05/17/04

**Free Software**

Impact ColorFax Lite	6.00	07/22/04
Tiff Viewer Plug-in - Free Version	5.60	07/22/04
ModemWeasel	2.00	08/01/02

**Internet Tools**

Print2Email	3.01	01/20/03
Tiff Viewer Plug-in - Complete	5.60	07/22/04
Print Monitoring Server	2.40	04/02/04