

newsletter archives
Fall, 1999

New Win 2000 Upgrade

The Win 2000 Driver upgrade is available for \$1000 until 11/1. From 11/1 until 12/1 the price will be \$1200. After 12/1 no upgrades will be accepted and the full sale price of \$2000 will apply. This includes 2 months of free upgrades from the day of the Windows 2000 release by Microsoft.

WINDOWS 2000 PRINTER DRIVER

A single Windows 2000 & NT 4.0 printer driver is now available. Don't wait for COMDEX Fall until Microsoft releases Windows 2000. If you get the Windows 2000 driver upgrade now, a free final release will be shipped once Microsoft releases Windows 2000.

Printer Driver Uninstall

Software engineers are aware of the nightmare of uninstalling a printer driver under NT. A printer driver uninstall module is now available for all of the printer drivers and is part of the Resource Tool Kit shipped with Black Ice printer drivers

Color Fax is here to stay for FREE, courtesy of HP

Black Ice Software Inc. announces an agreement with Hewlett Packard to provide a fully functional color fax as well as a black & white fax, free of charge. Compatible with OfficeJet 700 series & OfficeJet T series. Please visit www.blackice.com/hp for more details.

WHY COLORFAX?:

- Color adds impact and professionalism to your faxes, whether they are proposals, brochures or even greeting cards.
- Save time and money vs. overnight delivery services for your color communications.
- It's easy and it's **FREE**

History of COLOR FAX

History of Color Fax. Color Fax was first trademarked in 1959. Black Ice Software, LLC first developed a color fax application in 1992 and named it ColorFax. ColorFax was based on a proprietary technology, because no color fax standard existed and fax transmission was limited to 16 colors. ColorFax was compatible with any Class 1 fax modem and was capable of

NEW VOICE C++

The Voice C++ has been totally rewritten and now offers:

- A single API for all of the high-end voice boards and inexpensive voice modems. This single API for Dialogic, NMS, Brooktrout and off the shelf voice modems, is based on the three most popular chipsets.
- DNIS and DID Inbound Routing for NMS and Brooktrout boards.
- Old Dialogic boards are supported! D/41D & D/21D.
- Voice C++ using 7- 10 digit inbound routing with T1.
- The Voice C++ CODEC library is now capable of converting to and from Microsoft PCM to IMA ADPCM, Dialogic OKI ADPCM, GSM, and Rockwell ADPCM.
- NMS QX 2000 board
[cont. on pg. 3](#)

OEM Opportunities

Black Ice Software, Inc. offers several unique OEM opportunities.

Board Manufacturers

- The New Impact Fax Pro Lite, version 4.0, is available as a bundle for fax modems and high-end fax board manufacturers. The Impact Fax Pro Lite is available for Windows 95/98, NT 4.0 and Win 2000.

Voice Mail Products

- The Voice Mail Server Standard

COLOR FAX

cont. from pg. 1

transmitting a 16 color image in less than four minutes using this innovative technology. A 16 color fax was represented in four image planes, which were transmitted separately as a plain black and white fax. On the receiving side, the four image plains were combined to get the original 16 colors back. The early color fax faced numerous technical difficulties and making it work was a real challenge. Most PC's had only 2Meg of memory or less and disk space was limited to around 30 to 100Meg. In addition, color printers cost an average of \$1000 to \$5000 while color scanners cost an average of \$1000 to \$3000. The Color Fax standard appeared around June of 1994 as T.30-E from ITU and has since been revised; however the basics have not changed and the standard was refined around JPEG La*b* color format. Several companies have attempted to launch desktop color fax applications for the retail market unsuccessfully. Only recently has hardware and Operating System technology matured to the point where it is possible to deliver usable color fax applications. A single color fax page is approximately 10Meg. Some of the hurdles to overcome included the ability for printer driver technology to generate

colorfax from any Windows application. Processor speeds had to be capable of decoding and encoding JPEG images in reasonable time. Also necessary were video cards with enough memory to display 24 bit images, inexpensive disk storage, and available memory to move a 10Meg page around. To be used color fax also needed other devices such as scanners, printers and copiers. Color fax will succeed in the Multi Function Device (MFD) market as integral part of a color printer, scanner, and copier.

Future of Color Fax:

Color fax is here to stay for the general public thanks to the free software from Black Ice & HP. For businesses the future of color fax is not so bright, because most business applications such as fax server, fax broadcast and FOD use high-end fax devices such as Natural MicroSystems, Dialogic, & Brooktrout. The question is when will these companies adapt color fax as part of their standard offering

IMPACT FAX SERVER FOR NT 4.0 TERMINALSERVER

The award winning fax server is now fully compatible with Microsoft and Citrix Terminal servers. A special download is available from our Web site at www.blackice.com

Impact Fax Pro 4.0

Completely rewritten with a new user interface. A great OEM opportunity for fax modem companies, fax board vendors, and PC manufacturers. Please call (603) 673-1019 for details.

IMPACT FAX / VOICE SERVER

Many new features have been added to the Impact Fax & Voice Servers.

Impact Fax Server

- DTMF inbound routing with inexpensive voice/fax modems.
- The Impact Fax Server is now compatible with US Robotics, Rockwell, Lucent & Cirrus Logic Voice Modems.
- Impact Fax client is now compatible with Outlook 2000. The Impact Fax Server for small businesses is available.
- DNIS Inbound Routing for NMS and Brooktrout has been added.

Impact Voice Mail Server

- The Voice Server has been successfully tested with 7- 10 digit inbound routing using NMS and Brooktrout boards. Download an evaluation copy today from our website at www.blackice.com .

<p align="center">NEW VOICE C++ <i>cont. from pg. 1</i></p> <p>The Impact Fax Pro Lite is available for Windows 95/98, NT 4.0 and Win 2000.</p> <p>Voice Mail Products -- The Voice Mail Server Standard</p> <p>-- <i>NMS QX 2000</i> board is now supported!</p> <p>3rd Party Drivers supported:</p> <p>Natural MicroSystems NMS Driver Release – CT Access 2.1</p> <p>Dialogic Driver Release – DNA 3R</p> <p>GammaLink Driver Release – GDK 3.2</p> <p>Brooktrout Driver Release – 4.0</p> <p>Product version #'s same as previous newsletter.</p>	<p>OEM Opportunities <i>cont. from pg. 1</i></p> <p>edition is available for Voice modems and Voice board manufacturers as a bundle or as a fully functional 10 day trial version.</p> <p>Communications Server -- The Impact Fax Server -- Impact Voice Mail Server -- Impact Fax Broadcast or -- Impact Fax On Demand and they can act as a Communication Server.</p> <p>The fully functional 10 day trial versions of Impact Fax products are available for hardware manufacturers to bundle with their devices. OEM versions of the Impact Fax/Voice product Line are available upon request.</p>	<p align="center">VOICE MAIL STRATEGY FOR YOUR PC</p> <p>Black Ice Software's scalable simple voice mail system "Voice Mail Server Standard Edition" is designed for SOHO and small businesses. The Voice Mail Standard Edition is ideal for off the shelf voice modems, Dialogic boards and NMS AG boards. Mid & large size enterprises are served with the Voice Mail Server Deluxe Edition which is compatible with high end Dialogic, Natural MicroSystems, and Brooktrout boards. With the latest Voice C++ technology imbedded in our voice mail products, Black Ice can deliver features like call switching, single voice format for all of the different hardware, text to speech, unified messaging, and fax and voice to e-mail.</p>
<p align="center">IMPACT FAX ON DEMAND (FOD)</p> <p>Impact Fax on Demand (FOD) was enhanced to improve the user interface, make it more user friendly, and add additional features requested by our customers.</p> <p>The user interface has been significantly redesigned in mind of our painful experience with various hardware and has been made more user friendly. A new help system has also been added to reduce configuration time.</p> <p>-- Single Line capability is a simple feature for low volume Fax On Demand systems. A user calls in and requests a document. Once the caller hangs up the phone, the line will be available and the FOD will use the same phone line to send the fax out. During this time the FOD cannot</p>	<p>Board, US Robotics, Lucent, and Cirrus Logic chipset based voice/fax modems.</p> <p>-- Remote upload of documents from fax machines, a feature designed especially for service bureaus.</p> <p>-- The Fax On Demand product is by far the most complicated technology of all the fax products. It combines Printer Driver, voice, and fax technology all in a single application. To complicate matters further, the FOD was designed to be compatible with an extensive selection of hardware. Most voice/fax hardware use incompatible voice formats.</p> <hr/> <p align="center">IMPACT FAX BROADCAST</p> <p>Black Ice Software, Inc. now certifies that the Impact Fax Broadcast will send 20,000 faxes a day with the Natural</p>	<p align="center">FAX SERVER FOR MAINFRAMES & UNIX</p> <p>The Terminal Fax Server for UNIX or Mainframes can route inbound faxes utilizing T1 7 digit inbound routing or DID inbound. routing.</p> <hr/> <p align="center">APPLICATION GENERATOR FOR TIFF</p> <p>This new technology will be the foundation of the next generation of products from Black Ice. The target market of these upcoming products is the Fax/Voice industry, document imaging, insurance, etc. The target developers are business people with limited programming experience. Microsoft Visual Basic & Borland Delphi developers. This technology enables business people to</p>

receive incoming calls.
-- New hardware is supported
such as any NMS board, Dialogic

MicroSystems AG Quad 4000.

concentrate on the solution instead
of the programming and delivers a
solid commercial application.