

Black Ice Software - Document Imaging version 12.84 is released!  
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## Document Imaging version 12.84 is released!



New **arrow shape** annotations  
and more **improvements** in the  
latest **Document Imaging SDK!**



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Imaging SDK Now!

Black Ice Software is proud to announce the release of the **Document Imaging SDK 12.84** with a **set of brand new shape annotations**; Arrow Left, Arrow Right, Arrow Top, and Arrow Bottom.

The new Arrow annotations provide a **simpler implementation** to help developers to focus on their application, rather than writing a large codebase for the annotations. The new Arrow annotations also come with **easier usability for end-users**.

In the new **Annotation C++ Sample** and the **C# using ActiveX control sample**, developers can **see all the new annotations in action**, and by using the online document of the Annotation SDK, developers can find all the functions needed to implement in their application.

The latest Document Imaging SDK comes with **further improvements** for the **text and checkbox**

**annotations.** The improved checkbox annotations now can be created with a **single click** instead of dragging the mouse. The new text annotation comes with **new features** to let users **change the background color** of the text while editing.

Since the **last newsletter**, there were many **significant improvements** and **many new features added**. Please see the version history below.

The complete list of improvements in the latest Document Imaging includes the following:

DATE: 11-02-2021

Version: 12.84 (revision: 848)

- Annotation - Fixed incorrect Undo functionality with shape annotation objects (#14268)
- Annotation - Fixed incorrect flipping and rotating functionality in a few cases (#14282, #14278)
- Annotation - Fixed shape changing not working in some cases (#14283)
- Annotation - Annotation objects no longer jump away when resized on the left or top side (#14341)
- Annotation - Added ability to move the selected annotation object with the arrow keys on the keyboard (#14292)
- Annotation - Made hyperlinks clickable in Design mode
- Annotation - Fixed WANG annotation hyperlink conversion issue (#14392)
- Annotation - Fixed Text annotation display issue (#14393)
- Annotation - Fixed issues with relative hyperlinks (#14419)
- Annotation - Fixed conversion issue from old binary annotation format (#14420)
- Annotation - Added Comment, Checkbox, Textbox, Multiline Textbox and Datetime annotation functions to BiAnno.ocx
- Annotation - Added Comment, Checkbox, Textbox, Multiline Textbox, Datetime and Arrow shape annotations to the Document Imaging and Annotation C# samples (#14233)
- Annotation - Fixed issue with the redrawing of annotations (#14528)
- DIB - Added GetDIBMargins and CropDIBMargins functions for detecting and cutting off page margins (#14187)
- Printing - Added PrintDIBPageEx function that lets one specify the printer settings (e.g page size) for each page separately (#14105, #14130)
- TIFF - Stability improvement for reading JPEG compressed TIFF images with the 64 bit SDK (#14422)
- TIFF - Stability improvement for opening TIFF files larger than 2 GB with the 64 bit SDK (#14452)

DATE: 07-28-2021

Version: 12.83 (revision: 819)

- Annotation – Added “shape” annotation type (#14189)
- Annotation – Improved drawing arrow heads on large DPI documents (#14219)
- Annotation – Checkbox annotations can be created with a single click instead of dragging the mouse (#14224)
- Annotation – Fixed drawing the border of checkbox annotations (#14223)
- Annotation – Added option for changing and disabling the background of the Text annotation editor (#14234)
- Annotation – Added function for making the text editor cursor blink (#14242)

DATE: 07-12-2021

Version: 12.82 (revision: 805)

- TIFF – Added 8-bit grayscale support to the TIFF JPEG file format in the SaveDIBInTiffFile function (#6456)
- Stability improvement for reading JPEG compressed TIFF images that use the JPEGInterchangeFormat (513) TIFF tag. (#13936)
- Added support to reading IBM IOCA and MO:DCA images (#13918, #13966)

- Annotation – Stability improvement for reading longer text annotations (#13943)
- Annotation – Added support to opening JPG, GIF and PNG images (#13941)
- Printing – Not adding the extension to the document name when printing (#13839)
- Document Imaging Sample – Use the original compression when saving the document (#13105, #13850)
- Minor user interface improvements in the samples (#13955)

DATE: 01-28-2021

Version: 12.81 (revision: 794)

- Annotation – Stability improvement for reading text annotations made in Tiff Viewer 11.98.1145 or earlier (#13317)
- Updated Manuals

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