

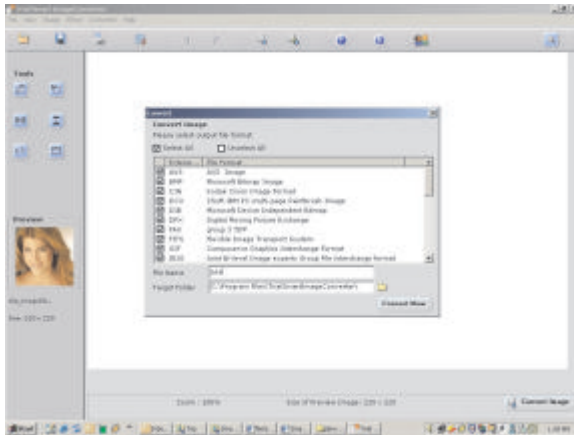
Smart Image Converter



Product Name: Smart ImageConverter

Duration: 1 Year

URL: www.smartimageconverter.com



Short Description

A stand-alone image editing and conversion application was developed that allows one to edit images speedily, apply effects, make corrections, and then have the option to save it in the same format or convert it into other format. This can be done either manually or as part of the automated batch conversion process.

Need

After a market survey, it was discovered that there is a market demand of an application that provides the functionality of editing images before converting them to another format. It was also noticed that it should have a user-friendly interface that provides easy to use functionality to the end user. Products that provide this kind of functionality were selling well in market even though they did not have user-friendly interface and lacked many features. This survey triggered the making of the Image editing and conversion application called Smart ImageConverter.

Challenge

The products that were available in the market had their own limitations. They did not allow image conversions to various formats. Also, the image quality was deteriorated after conversions. So when Netsmartz took the charge of developing a product for image conversion and editing, we aimed at incorporating maximum features, support more conversions, and maintain the quality of images after conversion. Providing all this in one application was little tough.

Image editing and conversion facility is available in many popular softwares but purchasing their license can cost high. So another key challenge was to develop the application using affordable tools so that it can be made available to the user at a low price. Smart ImageConverter's also has command line support and can be easily integrated into existing software codes. Also, through Smart ImageConverter, you can also convert images to rare formats like Tiff and PNG.

Solution

Netsmartz Application Development team accomplished the task of developing this application quite successfully. The result of their effort was a stand-alone image editing and conversion application that allows one to edit images speedily, apply effects, make corrections, and then have the option to save it in the same format or convert it into other format. This can be done either manually or as part of the automated batch conversion process.

The following modules are the inherent part of Smart ImageConverter:

Smart Image Converter

SINGLE FILE CONVERSION

Allows end user to convert any given image file in the list of formats he can choose from to any other given format.

BATCH CONVERSION

This module allows the end user to convert multiple image files which can be of same or different image formats to a different image format at one go.

IMAGE EFFECTS

This module allows the end user to apply various effects on the source image file like increase or reduce the color in image, increase or reduce brightness and contrast, normalize the image, set gamma or charcoal properties to the image. The end user additionally can also crop, rotate, flip, mirror, or resize the image.

FILE ASSOCIATION

This module gives the functionality on users system which associates any given image file with the Smart ImageConverter utility so that end users can directly double click and open an image in this product.

PREVIEW/THUMBNAIL

This module gives user the functionality to preview the image in a thumbnail format so that user can view the original image and the changes applied to it at one time.

HELP

An extensive help has been provided to work on Smart ImageConverter explaining each module in detail.

Technologies Used

- Programming Languages: Visual Basic 6.0

- Authoring tools: Adobe Photoshop
- Operating System: Windows 2000 Professional or higher

- Automation: Microsoft Word 2000 or higher

- IDE: Visual Studio

Documentation: Microsoft Word, Microsoft Visio

Benefits

- The Smart ImageConverter lives up to its name. It provides you a flexible, economical, and efficient way to convert graphic files to more than 60 formats.
- Is easily downloadable and installable on all windows platforms.
- Converts image files up to 1.5 MB of size under ideal conditions.
- Recognizes and exports images to more than 60 file formats.
- Conversion formats include TIFF, BMP, GIF, PNG, AVS, MPEG, JPEG, OTB, and TXT among others.
- It has powerful image editing features that include rotate, crop, flip, and resize tools.
- Applies cool photo effects like Blur, Emboss, Colorize, Oil paint etc. to images.
- Edit an entire folder of images and convert them to multiple formats in a single go through the automated batch conversion process.
- Can convert even heavy images- upto 10MB in size.
- Simple, easy-to-use interface.

Smart Image Converter

Testimonials

Martha Lawson (Sales Executive, Griffon Apparel)

"I could never have imagined editing two hundred pictures and saving them in 3 different formats so fast. But amazingly that's exactly what I did with Smart ImageConverter.

My boss had handed me these pictures to put in our online catalogue to show a client in California and she wanted them up by that afternoon. Seeing my predicament, one of my colleagues suggested your product and am I glad! I could finish everything in record time- thanks for a great product!"

Terri Kravitz (Owner, Engineering Graphic Design)

"I am a freelance graphic designer just starting out in my business. I need to change the image formats of my pictures all the time, whether for a multimedia animation or while printing a brochure. Having a limited budget, there's no way I could spare the bucks for an expensive image-editing program. But, I am glad to say Smart Image Converter answered most of my image processing needs. What's really great is that with their really professional filters I can even apply wild effects to my images before exporting them to other formats. And the price is pretty good too, considering I can get so much done, so fast!"