

Claro Module for Gradual's SWITCH Automation solution



Introduction

ELPICAL introduces an automatic image enhancement module for Gradual's SWITCH automation solution. The module is based on ELPICAL's highly regarded intelligent image enhancement technology.

This module enables automatic enhancement of images, including those embedded in PDF files. In addition, images can be re-sampled and colour converted (using ICC profiles) to suit your output requirements. The module can be an integral part of any workflow designed with SWITCH, and is configurable from the SWITCH user interface.

ELPICAL's image enhancement technology is based on a thorough image analysis. This enables consistent high quality results.

Automatic image enhancement based on image analysis

Automatic image enhancement is a real challenge. What is good for one image is not good for the other. Simply applying one set of filters and algorithms to every image will not be the solution. Although it seems contradictory, automatic image enhancement needs an individual approach. Claro analyses every image thoroughly, looking for such parameters as sharpness, brightness, contrast, colour balance, natural greens, skin tones, Exif information and more. This analysis is fundamental to our image enhancement technology.

Consistent, high-quality results

It is due to this fundamental approach that we achieve consistent high-quality results even when the origin and quality of the original images vary significantly. It prevents, for example, images which are already quite sharp from being over-sharpened.

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