



Perfect copies and scans

Productive, reliable, easy to use image processing

Océ Image Logic uses state of the art technology to consistently turn imperfect originals into perfect copies and scans, saving operator time and reducing waste.

What is Océ Image Logic?

Océ Image Logic™ is an Océ developed state-of-the-art technology that provides the most productive, reliable, and easy to use solution for high quality copying and scanning available on the market. Océ Image Logic consistently turns imperfect originals into perfect copies and scans.

The process of copying and scanning is arguably the most time intensive of all the reproduction tasks in wide format reprographics. This is because the user must physically feed the original into the document feed of the scanner. The time taken to *scan or copy* a document can be significant even when the copy or scan is acceptable the first time. But when the copies are not acceptable the first time, or when the prints are delivered with important information missing, the costs of the reproduction can skyrocket.

Objective of Océ Image Logic

Océ Image Logic was developed and patented by Océ with the objective that all originals should be copied or

scanned to file with the optimum quality level the first time, without any operator intervention except in the case of special or difficult originals.

Océ Image Logic is unique

Océ Image Logic is unique to Océ. Other manufacturers have similar process steps and names for their image processing software, however Océ Image Logic is truly unique because of the dynamic way that it works. Every pixel of every line is analyzed and enhanced in real time from the top to the bottom of the original. Competitive methods of image enhancement usually analyze the first 2” of the original and make all their adjustments based upon that information.

How Océ Image Logic Works

Océ Image Logic optimizes the image through a four tiered approach:

Automatic Background

Compensation (ABC) – in this step background is eliminated.

Filtering – filtering distinguishes

weak information, such as fine pencil lines from other information and digitally enhances it. Shaded areas are also identified and smoothed and softened by the filtering process.

Halftoning – halftoning converts grayscales into a black and white image. This creates the perception of smooth shades of gray to the eye, while at the same time ensuring that lines, solids and text characters are sharply and crisply filled.

File Size Optimization - 2 different image processing modes when scanning to file. The user can select to optimize for *scan quality* or *file size*, which is best used with good quality originals. It will usually result in a smaller file size for storage or electronic delivery.

Key benefits of Océ Image Logic:

- Reduce wasted media
- Scan or copy more in less time
- Increase operator productivity
- Excellent copies and scans with minimum operator intervention