

“Color Management on the Fly”, A Novel Solution for Ubiquitous Color Management

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Abstract

As the entire publishing process has gone digital and new printing technologies have emerged, the printing business has undergone tremendous changes in how ink is deposited on paper. New printing techniques as on-demand printing and variable data printing, are gaining quickly broad acceptance because they enable greater proximity to the end customer in terms of time and content. In addition, these new types of printing have increased the requirements of color consistency across locations and in general fueled the demand for new color management technologies.

Comprehensive and easy-to-use color management solutions are becoming more and more important as a new category of users, some of whom are only casual users of color, arise. These users typically want to remain focused on providing value to his/her customers (speed, variable content) and tend to use the color management technology as a mean to serve their customers more

efficiently. Therefore seamless and ubiquitous color management solutions which disappear “under the hood” of these new printers will become highly valued. In this paper we present solutions implementing the “Color Management On the Fly” concept for various output devices. The proposed solutions will be tailored based on “color” application and end customer profile.

Biography

Francis Lamy has been CTO and Executive Vice President, GretagMacbeth AG from 2002 to the present. From 1999-2001 he was the Vice President, Digital Imaging, GretagMacbeth AG. From 1996-1999, he was the President and CTO, DaliM USA, and from 1986-1995 he was the Founder and Managing Director, DaliM GmbH, Germany. In 1984, he received his Ph.D. in Physics and in 1981, his M.S. Mechanical Engineering and B.S. Mathematics.