

CIP3 will expedite the publishing of color map

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Traditional map publishing workflow should have follow stages: separate, output separated films, plate making, press run, binding, cutting, folding, collection, and three side trimming etc. So the publishing period was too long. Since the Color Electric Publishing System appeared, the publishing period was reduced a lot, but in the press and post-press, a part of works depends on the handwork. The CIP3 Consortium (International Cooperation for Integration of Prepress, Press, and Post-press) has created a vendor independent file format (print production format) designed to allow transfer of pre-press, press and post-press related data between stages in a print production environment. The period of color map publishing will be reduced more.

This paper introduces CIP3 and the map publishing workflow in the CIP3 environment based on color electric publishing.

For the first realization the CIP3 PPF plan the following content types: continuous tone image with reduced resolution, Register marks, Color and ink control fields, Cutting data and any comments.

The CIP3 PPF file can be embed into TIFF/IT, PDF files and any PostScript language files. Embedding the CIP3 PPF file into a larger PostScript language file should not affect that. The CIP3 specification for PPF describes a file format that designed to be received using a PostScript language compatible interpreter. At present, the PPF files only used for embedding into other files, as far as possible the same parsing mechanism should be appropriate for use on a separate PPF file, and on PPF data embedded in a PostScript language file.