



What this means for users

For users that normally print on non GRACoL or SWOP applications this means there may be a more accurate G7 reference print condition for use in your workflow. The new standards also provide a method of adjusting these datasets based on substrate color. These new standards are designed to help designers and printers better match and produce color to G7 reference print conditions.

What this means for GRACoL and SWOP users

Reference Print condition 6 (GRACoL 2013) is very similar to GRACoL 2006, so most users will barely see a difference.

Because GRACoL 2013 is better aligned with today's premium commercial stocks, printers should find it easier to simulate proofs based on GRACoL 2013 than on GRACoL 2006.

The really good news is that *legacy image files and proofs produced using GRACoL 2006 should not need to be adjusted or converted for printing or proofing to GRACoL 2013 (and vice-versa)*, except in rare situations.

Reference Print Condition 5 (SWOP 2013) is very similar to SWOP 2006, so most users will not see much difference.

Calibration and verification of GRACoL 2013 and SWOP 2013 requires use of M1 capable instruments. This means that use of GRACoL 2013 and SWOP 2013 in production cannot be done unless you have M1 capable instruments.

IDEAlliance recommends the following transition:

- If you only have M0 measurement devices keep using GRACoL 2006 or SWOP 2006.
- If you have M1 instruments you may choose to move to GRACoL 2013 and SWOP 2013. In the GRACoL 2013 or and SWOP 2013 workflow M1 instruments are to be used for calibration and verification. (M0 instruments can still be used for process control.)

IDEAlliance expects there will be a period of several years during which printers and premedia providers migrate to new GRACoL 2013-based profiles, while continuing to use the legacy 2006 profiles as needed.

Obtaining new profiles

Profiles for GRACoL 2013 (and the other CGATS21-2 reference print conditions) can be downloaded from either the IDEAlliance web site (<http://www.idealliance.org>) or the icc profile registry at www.color.org.

Updating your pre-press workflow

To up-date a pre-press workflow to use the new 2013 profiles:

- (a.) Change the CMYK Working Space in the Color Settings window of Adobe Creative Suite to the CGATS 21-2 profile equivalent to your legacy CMYK Working Space, e.g. GRACoL2013_CRPC6.icc or SWOP2013C3_CRPC5.icc
- (b.) Change the source profile in your proofing RIP to the CGATS 21-2 profile equivalent to your legacy CMYK source profile, as in (a) above.
- (c.) Inform any workflow partners (vendors or clients) of the change and encourage them to do the same.