
G7 WIDE FORMAT OPERATOR TRAINING

idealliance.org/G7

G7 Method & Process Control Operator Training: Wide Format

Teaches you G7, ISO Standards and ICC Profiling directly through live hands-on instruction and guidance for calibration of wide format printers using popular RIPs and print engines. Training includes implementing G7 as a core linearization technique for near-neutral, ICC profiling, ISO Standards, G7 Specifications and how to align your customer needs and machine capabilities. Wide Format G7 Method & Process Control Operator training will give you the experience, skill, and strategies through two full days of in-depth print calibration and quality control sessions to manage your wide format print supply chain.

COURSE OUTLINE

CALIBRATION

G7 Basics:

Tonality, Gray Balance, Assessment Metrics, G7 Compliance

Implementation Planning:

What is Needed, Press Equipment Prep & Maintenance, Technical Review & Confirmation, Press Targets, Press Materials specific for Wide Format

Your G7 Toolkit:

Software & Hardware necessary or Wide Format G7

G7 Wide Format Overview:

Machine Stability, Targeting a Print Standard, Linearization, Calibration, and G7 Verification

Review & Troubleshooting

Preparing for G7 calibration for live print production

PRODUCTION

Production Preparation:

Using G7 to enhance accuracy and efficiency of an ICC workflow.

Live Calibration Press Run: Wide Format

Evaluating the color gamut, ink targeting & machine capability, SCCA, & measurement to check for analysis including gamut clipping & full G7 calibration.

Generating Press Curves Live

Measurement & analysis of test form(s), creation of curves, & entering G7 curves into the RIP.



G7 IMPLEMENTATION FOR WIDE FORMAT PRINT PRODUCTION

Sign up for Hands-On G7 Operator Training at idealliance.org/G7training

Live Verification Press Run: Wide Format

Confirmation of print consistency and measurement of G7 metrics. On press adjustments according to evaluation. Ensuring calibration alignment for print buyers, & brands.

Live G7 Press Production

Utilizing ICC profiling & G7. Profiling, utilizing the appropriate targets and test charts. Checking device stability. Measurement, creation, and conformance of ICC profiling along with G7 conformance.



Live Proofing Calibration

Device calibration, targeting & evaluating the color gamut, color management, & measurement.

Generating Proofing Curves Live

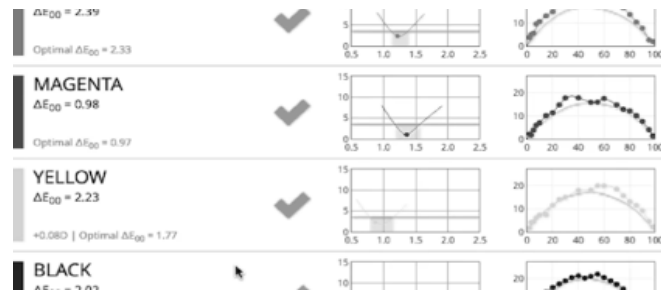
Measurement & analysis of test form(s), creation of curves, & entering G7 curves into the RIP to confirm calibration through additional measurement and analysis.

Live G7 Proof Production

Creating an ICC profile, utilizing the appropriate targets & test charts. Checking device stability. Measurement, creation, & conformance of ICC profiling with G7 conformance.

G7 Press & Proof Alignment

Achieving a press to proof match. Evaluation, analysis & methods and tools for correction.



PROCESS CONTROL

Continuous Measurement & Assessment

Utilizing the required tools, training & maintenance. Creation & utilization of colorbars. Quality control through measurement, feedback loops, & tracking of consumable & equipment for maintenance of calibration & print conditions. Imaging engine process control.

Live G7 Production Maintenance

Proof & print calibration control. Live press sheet analysis & CRF. SOP's for measurement & correction. Operator & calibration procedures including correction. Live press measurement & recalibration for wide format.

Live Advanced G7 Calibration

Maintaining production variables to ensure G7 alignment. Maintaining print buyer & brand tolerances with G7. Spot color calibration. Monitor calibration. Nested calibration & G7 as a relinearization tool.

Participants who later attend G7 Expert Certification will receive a credit of \$900, the value of G7 Method & Process Control Training, towards their G7 Expert Certification