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:

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

Live Advanced G7 Calibration

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.