



- Understanding the method of process control. –
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Overview: The purpose of this discussion is to outline the reasoning and process behind the G7 methodology. The focus is directed at key operators involved in the production of the final printed media. Additionally, this is a tool to educate the sales and marketing staff on the competitive benefits in being G7 certified.

Outline:

1. Welcome – What Fuji Film’s role is with the customer’s success.
2. What historically has been a variable in the pressroom/prepress.
3. Understanding “process of elimination” and “process control”
 - a. How to narrow down the problem.
 - b. Knowing what it “should” be and what is is “different”.
4. What is G7?
 - a. General description.
 - b. Key components – press/paper/ink/line screen
 - c. Definition of key words used in G7.
5. Basic Color Theory (greyscale, LAB, delta, ICC profiles)
 - a. Primary colors, secondary colors, builds.
 - c. Color shifts- hue and lightness.
 - d. Viewing color.
6. Definition of standard G7 targets.
 - a. Key color definition of solids and builds.
 - b. Charts (IDEAlliance ISO 12647-7 Control Strip)
 - c. Press form used during certification.
7. Definition of standard tolerances.
 - a. Delta difference.
 - b. Measuring devices and procedure.
 - c. IDEAlliance definition of “acceptable operating conditions”.
8. Key variables that are “moving targets”
 - a. Environment variables
 - b. Mechanical variables
 - c. Operator variables
 - d. “Just dumb luck”
9. Identifying when there is a problem and what to do.
 - a. The visual identification.
 - b. The measured identification.
 - c. The expected identification (we changed something and...)
10. How Taskero SYNC helps identify color response.