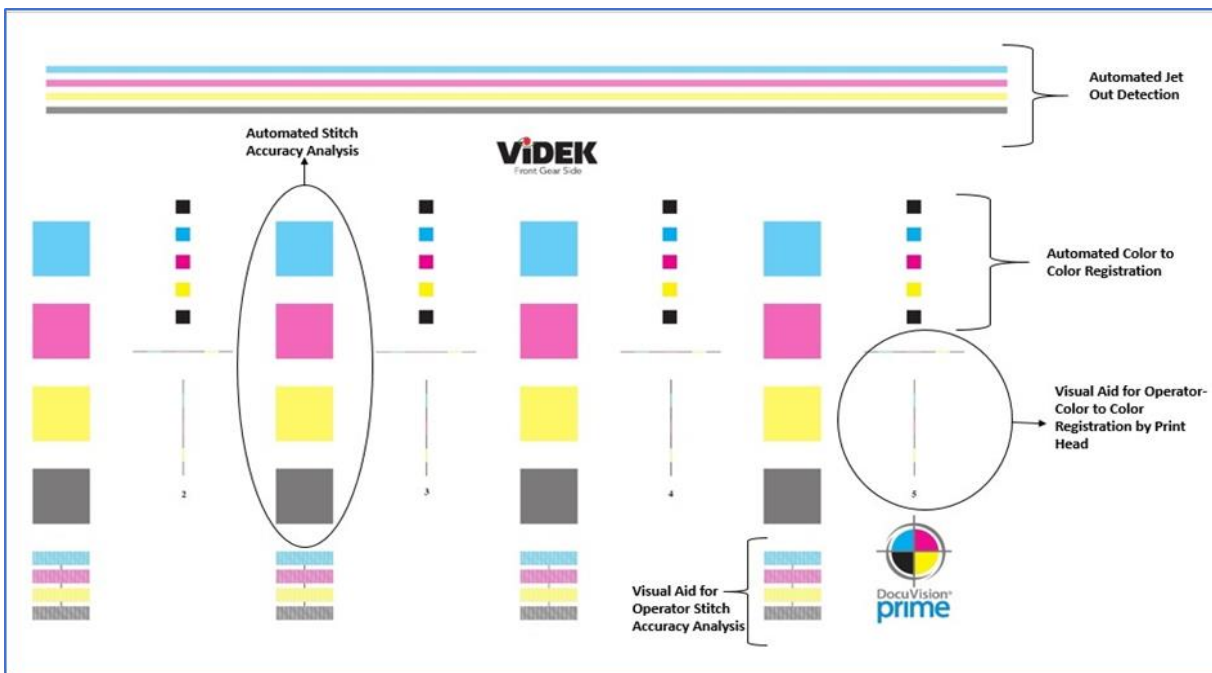


## CASE STUDY

### Customer Eliminates Manual QC Processes with Prime Page Automation

**Problem:** A large Commercial Printer was using time-consuming, manual methods to verify the quality of their direct mail documents as they were being printed on their new Inkjet Press. The workflow used white paper in a roll-to-roll configuration, so the operator would have to stop the press and cut out samples to confirm the document. This time-consuming manual process was prone to operator subjectivity and greatly reduced printer productivity.

**Solution:** DocuVision Pro camera inspection solution was installed into each engine of the customer's press, in order to use Videk's Prime Page - a quality control test page printed during run time. The Prime Page lays down known patterns, tuned specifically to the print heads so the system can inspect for Jet Health (Jet-outs), Stitching and Color-to-Color Registration. Brand color monitoring can be added as well, to verify against a known image color representation of a logo, for example. Visual indicators allow the operator to zoom in on, and double check for quality points. Videk worked with the customer to add the Prime Page into their API / Workflow to generate the test pattern at the beginning, middle and end of the print run.



**Benefit:** By using DocuVision Pro along with the Videk Prime Page, manual QC processes are now automated resulting in greater printer productivity and more precise results. The in-line, high-speed cameras, together with the analytics of the software inspection algorithms, precisely determine the health of the print heads and alert the operator if any result is out of range. The operator gains additional knowledge with the ability to pause/examine images and is freed up to focus on more profit-realizing tasks.