

CASE STUDY

RevSpring Implements Videk DocuVision®
Document Integrity Solution for Check Printing



High Stakes Printing

5 million checks printed per year

HOW CAN REVSPRING ENSURE ACCURACY ON EVERY CHECK?



RevSpring relied on visual inspection conducted manually by print operators to verify print quality. **But how could an operator identify a single missing character in a stack of printed checks?**



RevSpring partnered with **Videk to implement DocuVision integrated cameras systems on their check printers.** This technology enables real-time verification of print data attributes and will stop the printer and divert any defective prints.



With Videk on the team, RevSpring was able to create an automated quality assurance system using vision-based inspection technology, resulting in **100% accountability of all checks printed.**

Videk's DocuVision® is the go-to solution for automated, advanced data integrity and print quality assurance

In any printing environment, errors can happen. The entire process—from document composition to loading the incorrect stock, to the occasional print quality error leaves the operation at risk, especially when printing money. Videk's DocuVision uses embedded, high-resolution contact image sensors to provide an easy-to-use, customizable inspection solution to inspect print quality on every check.



CASE STUDY

Videk + RevSpring: Check Printing Integrity Solution

THE CHALLENGE

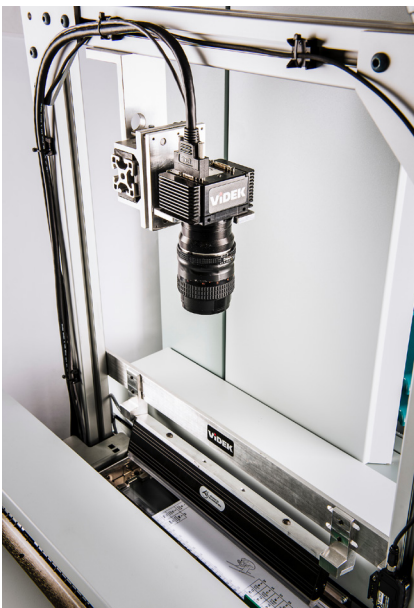
RevSpring prints 5 million checks annually for a large, top 100 bank. Traditional quality controls relied on visual inspections conducted manually by press operators. When a glitch in the print production occurred that resulted in a single missing MICR character, **there were no tight, reliable processes in place to secure production and catch the errors before the bad checks were sent out**. The checks with the missing MICR number then failed at the bank clearing point and they could not be processed through the banking system - leading to many unhappy customers!

THE SOLUTION

RevSpring partnered with Videk to implement DocuVision Edge, an integrated camera system, on their check printers. DocuVision Edge seamlessly integrates with these printers and uses full page imaging to analyze every page as well as inspect critical aspects of each check. This technology enables real-time verification of specific print attributes and will stop the printer on error and divert any potential defective print pieces from the production paper's path.

At RevSpring, the DocuVision Edge system is configured to sense for the appropriate check stock and validate all of the standard, 31-character scan lines (check number + routing number + account number) are present in the region of interest.

THE RESULTS



With DocuVision Edge, RevSpring now has automated quality verification that secures their check printing process.

By implementing an independent and automated check integrity system, RevSpring has a tight protocol enabled to detect quality issues and audit check production errors before leaving a RevSpring facility.

This gives **RevSpring, its corporate clients and end consumers the further assurance that a print quality issue doesn't lead to a rejected check at the time of deposit.**

DOCUVISION AT WORK

Videk DocuVision solution is an independent—but fully integrated—integrity system for inkjet and toner printers. It delivers unsurpassed document verification and security.

MONITOR

DocuVision uses full-page imaging to look at every document throughout production.

DETECT

Utilizing proprietary software, the document is analyzed for critical information, including:

- Check numbers
- Account numbers
- Barcodes
- MICR lines

REACT

If an error is detected, the system goes into action:

- The operator is notified through an on-screen message
- A machine light is illuminated
- The errant document is diverted to the reject bin
- The printer comes to a controlled stop

Find out more: videk.com

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