

CASE STUDY: Newsprint Organization Saves Over \$100,000 with WebVision[®]

How a newsprint producer used Papertech's WebVision Portable Event Capture Solution in Addition to their Fixed System to Locate the Source of Recurring Issues

- ▶ **Improved product manufacturing quality**
- ▶ **Immediate cost savings and return on investment**
- ▶ **Access to previously unavailable data**

Recurring Issue

During a recent, routine service call, Papertech was asked to help solve a repeating defect that was occurring on a customer's newsprint machine that utilized a size press and applicator.

This particular defect, repeating edge cracks, had been occurring for almost a month, and the root cause was proving to be extremely elusive - the customer had not yet identified the source and determined a resolution.

▶ WebVision Digital performed so well that the newsprint producer's upgrade strategy now includes digital cameras

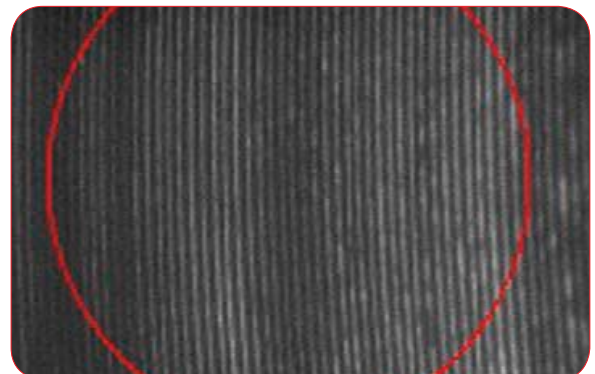
Benefits of Digital

This customer was already utilizing a Papertech event capture system to troubleshoot and resolve their newsprint manufacturing defects, however, the system employed older, analog cameras which were not able to capture images as rapidly as their digital counterparts. As a result the customer was unable to pinpoint the source of the recurring defects.

At speeds of 1/1000 of a second, the customer's analog cameras were capturing 60 frames per second. Papertech's WebVision Digital Portable System, using a digital camera with a shutter speed of 1/25,000 of a second, captured 210 frames per second, allowing the detection of a cyclic defect which was discovered at the press section exit.

Significant Savings

Using WebVision, Papertech further determined the defect originated on one of three press rolls; one that was not due for service or inspection.



Dimple imprinted onto the CC Roll (3rd press roll)

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The customer subsequently ordered an immediate roll change and discovered that particular roll press was damaged enough it would have continued to cause edge cracks/breaks and have likely blown both press felts off the machine - resulting in a \$160,000 cost and an additional 6-12 hours of downtime.

Papertech's WebVision Digital Portable System using a digital camera with a shutter speed of 1/25,000 captured 210 frames per second

Future Plans

The customer was pleased enough with the results that their upgrade strategy now includes digital cameras, in addition to the purchased digital portable system referenced in this document.

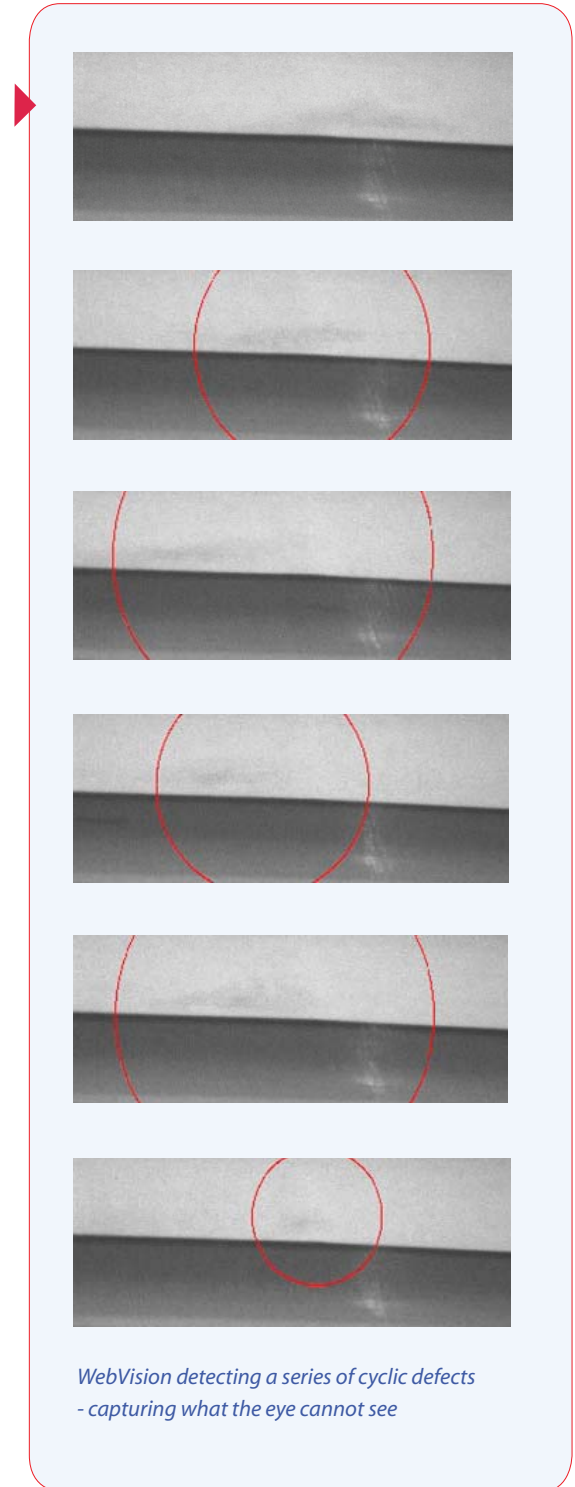
You Can Enjoy the Benefits of WebVision

This is just one of many examples that highlight the benefits of a WebVision Event Capture Solution and the power of high speed, high resolution, digital cameras.

The associated cost savings mentioned here are typical and the return on investment is rapid.

Contact us to learn how you can benefit from a WebVision Event Capture Solution today!

*For further information, please contact us at:
sales@papertech.ca*



WebVision detecting a series of cyclic defects - capturing what the eye cannot see