

# New Unified Process And Quality Vision Technology Helps Improving Paper Machine Profitability

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## ABSTRACT

Due to historical and technology evolutionary reasons there has been traditionally a WIS, Web Inspection System for paper defect detection, and WMS, Web Monitoring System for break and process analysis. There have been two completely different technologies, and even manufacturers have been separate corporates.

Yet, a defect is an end of a long chain of events on the paper machine and actually it should be presented always as the whole, starting from birth and ending into reel. A web break is also a chain of events, exactly like a defect, it is just a bit more unfortunate story ending into a major process and production disturbance.

Presentation will describe a new technology, where one system consisting of one uniform hardware and software, does Process ( Web Break Analysis) and Quality (Web Inspection) Analysis totally integrated. Technology solution and results are presented. Also some totally new application areas, which so far have been unavailable, are presented.