



ORC

Offline Process-Register Control



The Industry Standard for Offline Process-Register Control

Innolutions has been providing Web Printing Control solutions to the printing industry to reduce waste & improve print quality for more than 30 years.

MINIMIZE FULL BURDEN WASTE
COMMAND THE WEB WITH ORC
RECAPTURE MARGIN

THE ENEMY OF PROFIT

*Every time your operator manually hunts for register on a pre-printed roll, you aren't just losing scrap paper. You are losing **Full-Burden Cost**:*

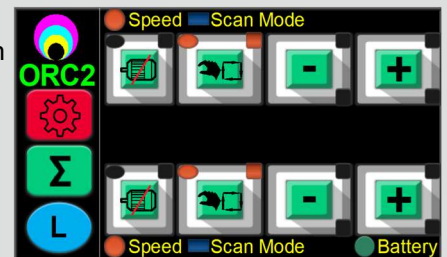
- The expensive specialty substrate
- Pre-printed ink and plates
- Hours of upstream labor
- Press time and overhead

THE VARIABLE TENSION TRAP

Most offline systems fail because they cannot handle the "elasticity" of the web. As tension changes or the roll diameter changes, the process-register drifts. This forces your operators to slow down to a crawl just to maintain quality.

THE ORC ADVANTAGE

ORC provides real-time process-register correction to correct print-to-process register variation caused by all the above-mentioned factors, allowing you to run at full mechanical speed.



....another innovative solution by





REDUCE MAKE-READY WASTE, IMPROVE
OVERALL QUALITY AND BOOST YOUR BOTTOM
LINE

PROVEN PERFORMANCE TRANSFORMATION

	Pre-ORC	With ORC
Waste	22%	8%
Efficiency	Baseline	+50%
Speed	Throttled	Full Mechanical Speed

TECHNICAL INTEGRATION

A drop-in retrofit for your existing finishing line: ORC can be easily integrated into your existing finishing lines.

No need to change your print: ORC can read your existing register target.

Web Scanner: ORC web scanner can read printed information on a wide variety of substrates.

Commercially available hardware: ORC uses **standard, off-the-shelf components** sourced from **multiple suppliers** for reliable low-cost availability and easy service.

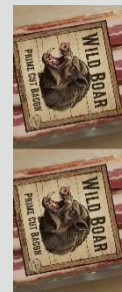
CASE STUDY 1:

Wingate Packaging (Bacon-Board):

Challenge: 22% waste on high-cost coated board.

Result: Slashed waste to single digit. Machine efficiency up 50%+.

ROI: Full system payback in under 30 days.



CASE STUDY 2:

Direct Mail Leader:

Challenge: High Speed finishing of variable imaged rolls passed through dryer twice.

Result: Payback starting from the first job.

**30-Day
Moneyback
Guarantee**

If the ORC doesn't deliver the precision we promised, we will take the equipment back and refund your money in full.

STOP THE BLEED

Contact us for a no-obligation technical line review

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