

TopImage provides a boost up to 2% over the current read rate



TopImage is a new proprietary solution designed to significantly increase the CAR/LAR read rates and reduce costly exception processing caused by image quality defects.

This new software is designed to seamlessly integrate with the full line of LS series scanners to augment the image detail and accuracy without a degradation in device performance or an increased image size.

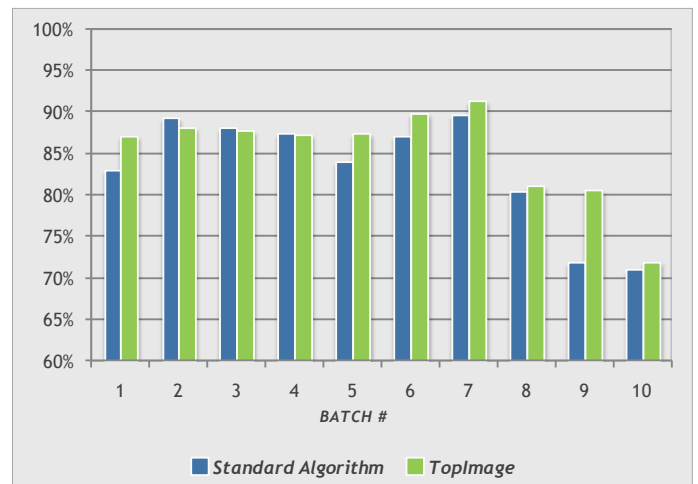
Lab test results on real documents confirm an improvement between 1.6% and 1.85% over the read rate obtained with a standard algorithm. Future improvement could reach a 2% gain in read rate while maintaining a very low misread rate.

TopImage Benefits

- ✓ Improved binarization algorithms adapted to very low contrast written checks (e.g. gel pens, background color).
- ✓ Read rate improvements especially for Money Orders and Postal Checks.
- ✓ Better Adaptive Thresholding Algorithm.
- ✓ Automatic rendering of best possible image quality.
- ✓ New algorithm has been integrated into the latest LSAPI DLL.
- ✓ CAR and LAR performance overall improvement.

Comparative Test

Average value of 86.55% for TopImage against a value of 84.72% for standard algorithm.



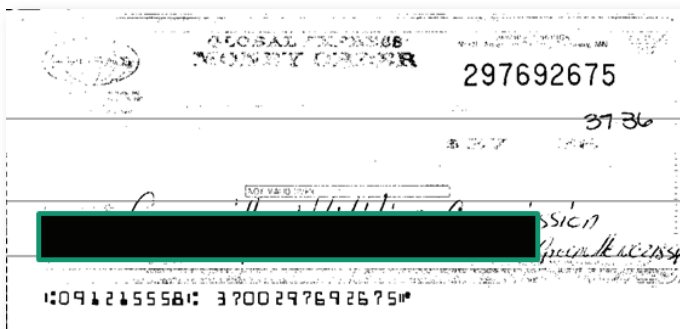
Background

CTS has captured thousands of live checks:

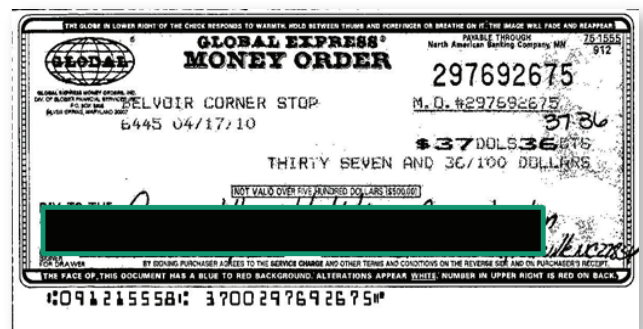
- Personal checks
- Business checks
- Money orders
- Deposit tickets
- Cash deposit tickets

This test deck has been split into 10 batches and CTS has manually created and verified the tables for every batch.

Visible Improvement on Real Documents



Standard Algorithm



TopImage