

BancTec

# ReadFIRST<sup>™</sup>

The Total Check And Document  
Recognition Solution.



## The Benefits Of ReadFIRST:

- Results in significant keying labor savings
- Reduces errors associated with mis-encoded checks
- Utilizes the industry's first legal amount recognition system
- Detects change of address and customer correspondence on remittance stubs
- Supports both bitonal and grayscale image recognition
- Provides an upgrade path for future ReadFIRST software enhancements for continued optimum performance

## Accuracy And Efficiency Built Right In.

The efficiency of your item processing system is directly related to the accuracy of your data recognition. High error rates can drive efficiency down and lead to customer dissatisfaction. However, with ReadFIRST, BancTec's patented software solution, you can watch your recognition rates soar while errors plummet. That's because ReadFIRST relies on a comprehensive check and document recognition technology that can read character and field-level data much more accurately than human keyers or other competitive systems.

ReadFIRST can also read the amount paid field on remittance stubs and match with CAR/LAR results to increase recognition and accuracy. Optional address change and customer correspondence detection on remittance stubs is also available.

ReadFIRST runs in a variety of image-enabled applications, including remittance, sales draft, lockbox, check, POD and international

giro document processing. Fully scalable, it can easily be adjusted to match specific end-user application requirements and document quality needs.

## The CAR/LAR Difference.

BancTec delivers the software that makes legal amount recognition (LAR) possible. When LAR is combined with BancTec's courtesy amount recognition (CAR) capabilities, much higher read rates can be attained. This CAR/LAR recognition process is at the heart of ReadFIRST. It's achieved through a technique referred to as a multiple-voting engine, which separately recognizes the courtesy amount, the written legal amount and the fractional amount in the legal field, and then compares them. This voting process results in very high recognition rates (75 to 85 percent) and error rates less than human keyers.



Interfacing Mind, Man And Machine.

A C l o s e r L o o k A t B a n c T e c ' s

# ReadFIRST.



## The ReadFIRST Networked Software Solution:

- The ReadFIRST Baseline Software Application
- The Intelligent Character Recognition Engine
- The Hardware PC Platform

Running in a Windows NT environment, the ReadFIRST platform is scalable, upgradable and flexible. It supports multiple ICR engines which, when coupled into a multi-engine voting system, produces a 15 to 20 percent recognition improvement and a significant reduction in error rates over traditional single-engine processing.



## Pre And Post ICR Processing.

Check and document images are pre-processed to locate the fields of interest, including the courtesy amount and the legal amount if applicable. Preprocessing techniques include noise filtering, feature extraction, image registration and multiple image resampling techniques to ensure that only optimum image quality is used during the recognition process. The evaluation of the recognition results is controlled by system parameters that can be tuned to your specific requirements. These results can be automatically evaluated and resubmitted to the recognition process with optimized parameters in order to obtain the best possible read rates.

## Put BancTec's Experience To Work For You.

Our innovative high-speed image processing systems are in operation throughout the world in remittance, sales draft, image statement, giro and check processing environments. BancTec's single-source solutions can help you drive errors down, maximize efficiency, and improve your bottom line.



Enterprising Solutions That Keep Business Moving.™

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