



SOFTWARE

PRIMARY SOLUTIONS

ARC/BOC/Check 21

The Complete Electronic Clearing Tool for All Your Payments

Payment processing is undergoing an evolution triggered by a number of industry trends. The demands of new payment methods, coupled with regulatory changes in banking, are forcing payment operations to move away from the traditional paper clearing stream to an electronic image exchange for quicker clearing with accelerated deposits and returns. What is J&B's answer to this challenge?

Introducing J&B's Electronic Clearing Suite

Our Electronic Clearing Suite provides freedom. It enables you to transport your payment operations not only across the entire enterprise, but also across new payment borders. You can easily travel from the world of paper to electronic payments through your choice of payment channel.

A variety of processing options is available to banks and corporations adopting an electronic check clearing strategy. While you might not immediately utilize all components of our Electronic Clearing Suite, a complete package of features is required when evaluating the proper check clearing solution.

The essential elements of our Electronic Clearing Suite are:

- *Dynamic item clearing decision engine*
- *ARC/BOC or WEB/TEL processing*
- *Image Cash Letter (ICL) support for numerous banks*
- *Supports one-pass processing*
- *Allows for capture on a variety of devices*
- *Image exchange standards*
- *Image Quality Assurance (IQA)*
- *Image Usability Assurance (IUA)*
- *Image security and image file security*
- *Check truncation and archive*
- *Image file transmissions*
- *Return processing (optional)*
- *Fraud control (optional)*

Dynamic Item Clearing Engine

J&B's Electronic Clearing Suite will allow you to decide, at the item level, the best clearing channel for your institution based on a variety of factors such as clearing costs, time of day, and transmission options.

Each clearing method is supported with a single database which allows for easier returns processing and lower support costs.

J&B also has incorporated a Business Intelligence Analyzer which allows you to calculate a Return on Investment (ROI) on your current or projected implementation of the Electronic Clearing Suite solution.

Image Exchange Standards/ICL Support

All organizations performing image exchange must address the following:

- *Creating and sending image files to banks or an image exchange network*
- *Performing image validation and IQUA*
- *Handling of substitute checks*
- *Processing image validation and IQUA*
- *Verifying images maintained in an archive*
- *Monitoring and reporting on the image exchange process*
- *Creating notifications (messaging)*
- *Performing file maintenance*
- *Maintaining a secure environment for data transfer*

Our Electronic Clearing Suite adheres to The American National Standards Institute (ANSI) standards (X9.37, X9.100-140, X9.100-180) and interfaces to image exchange banks and exchange networks through APIs. For the future, our product line has the flexibility to incorporate new standards and formats.

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Supports One Pass Processing

Once an institution uses the Electronic Clearing Suite to automate all its payments, elimination of the Pass 2 power encode process is possible. This reduces operational costs and also allows presentation of the item for faster clearing as a direct benefit.

Image Quality Assurance and Image Quality Usability

As image exchange matures, banks will be working not only from images they capture, but also from images captured by other institutions. Original checks will no longer be available as they are today; therefore, the quality of the images will be critical. The creation of substitute checks will be covered by IQA standards and verification points.

Our Electronic Clearing Suite integrates IQUA toolkits that conform to ANSI standards.

Since our platform works with all types of transports, we work with our hardware partners to develop the optimal IQUA process for each system.

Image Transmission and Image Security

Three key elements must be addressed involving the flow of electronic images. The first element is image security and image file security. Our Electronic Clearing Suite provides both digital encryption on an item level, and encryption at the file level. If additional measures are required, we will work with you to customize our item and file security functionality to meet your corporate guidelines.

The second element is image file performance, which involves image type and bandwidth requirements. Our Electronic Clearing Suite will manage the fast and efficient movement of image files for scores of clients. We will work interactively with you, including network consultation to optimize image file movement.

The third element is image file interface with banks and exchange networks. Like image file performance, J&B has more than 25 years of experience dealing with check processing and remittance processing operations, and working effectively with each to meet your file specification requirements.

Why J&B Software?

J&B Software revolutionized the image-based payment processing industry. Today we provide market-leading automated payments and transaction processing and management systems to over 165 industry-leading companies and government agencies. Our industry expertise and experience working with the leading financial, commercial, and public sector companies provides the flexibility to accommodate ARC, Check 21, BOC, WEB/TEL, image exchange and paper processing or a mixture of all clearing channels with a single solution.

With more than 25 years of experience, J&B Software and its 400 employees are committed to improving our customers' operational effectiveness and profitability. We welcome the opportunity to talk with you to begin planning an electronic check strategy that meets your specific requirements. For more information, visit the company Web site at www.JBsoftware.com

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