

DCC API

Feature Rich & Easy To Integrate

DCC API FEATURES

- DCCScan - Single Scanner Command
- Best Read™ IMAGE
- Best Read™ MICR
- Item-by-Item Processing
- Special Document Processing
- Double Feed No Stop
- Scanner Specific Feature Support
- Image Quality Analysis
- Remote Monitoring Support
- Supports Multiple Operating Systems
- Easy to Implement with Software Applications

Digital Check's reputation for making great check scanners is a function of both our scanners and our comprehensive API. Our API supports all of our USB scanners including our current TellerScan® models TS230, TS240, TS4120, the SB Family and our CheXpress® small business scanner. Digital Check has served the needs of the worldwide financial markets for over 15 years with an integrated scanner and API software solution. Digital Check's unique API leverages the strengths of the scanner with software that creates the clearest image possible for the highest CAR/LAR and OCR recognition rates possible. Most other products offer minimal added value functions beyond simple scanner control. Another benefit of our API is that many of the features do not require additional application programming in order to for them to be used.

DCCSCAN

We recognize that the scanner is only a small piece of the final solution and that software development and testing can be very time consuming and expensive. Building upon our extensive experience and feedback from our partners, we developed a unique "one call" scanner interface API function. This dramatically simplifies the software and its implementation, and returns the best image and MICR data from our scanners. Built into DCCScan are all the features and functions that we have developed over the years to help banks process their checks faster and at a lower cost. All of the default settings of the various features have been optimized through feedback from our worldwide customer base. With DCCScan it takes about 1 hour for an

average programmer to add support for our scanners into an application verses a traditional API which can take days to complete and weeks to optimize. If the solution requires unique document handling where you want complete control, Digital Check's API is the right choice as well. Either way you get access to our extensive API technology.

BEST READ IMAGE

Best Read™ IMAGE maximizes image quality and minimizes user intervention and processing delays resulting from poor image quality. Our adaptive image thresholding technology automatically evaluates each image and dynamically selects an optimum threshold to create the best image possible. This analysis exceeds standards set forth in the FSTC camera calibration project.

BEST READ MICR

Digital Check's API reduces the time and effort associated with MICR data entry by using three different MICR algorithms and a highly efficient and mature voting technology to ensure extremely accurate magnetic MICR results. We then validate those results by comparing each character to the results of an OCR engine specifically designed to read MICR characters. The final MICR read is close to perfect, (99.5+%). Digital Check was the first tabletop scanner manufacturer to offer OCR MICR verification. Many competitors do not use this technology.



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ITEM-BY-ITEM PROCESSING

The images and code line data from a check are passed item by item to the applications as a complete record. This eliminates the problem of mismatched images and data and simplifies the use of real-time processing such as CAR, LAR, ICR, IQA and custom applications.

SPECIAL DOCUMENT PROCESSING

Money orders, checks with busy backgrounds or security pantographs which are typically very difficult to process can now be scanned with customized thresholding settings for each check based upon the routing and/or check number. In addition, images of documents inadvertently loaded into the scanner upside down are automatically rotated and read using OCR to capture the MICR and CAR/LAR fields.

DOUBLE FEED NO STOP

Scanner stoppages reduce productivity and are always opportunities for operator errors. Digital Check's API can use information from the scanner to detect true double-feed situations while allowing thicker documents to process normally without user intervention.

SCANNER SPECIFIC FEATURE SUPPORT

Digital Check's API and DCCScan are designed to optimize the features of our scanners including those that are unique to a specific model. Such as, CheXpress CX30's Bi Directional Image Capture and MICR Adaptive Technology.

IMAGE QUALITY ANALYSIS

Our API provides a variety of functions to help determine if the image quality meets FSTC requirements. Analysis includes front and rear image size, image skew, bent corners, MICR quality, image density and much more.

REMOTE MONITORING

Being able to quickly determine where equipment is located and how it is performing saves time and money. The DCC API supports remote monitoring of the scanner's performance and creates real time user defined log files for transmission to server or database. Additionally the serial number information can be used to simplify asset tracking.

OPERATING SYSTEM SUPPORT

Flexibility is the way companies today remain competitive. Our API supports both Windows® and Linux which gives you a choice of operating systems to offer your customers.

API DEVELOPMENT TOOLS

Digital Check is committed to our partner's success and assists application software developers by providing a complete development environment and support. Our goal is to minimize your development time, while getting the maximum value out of our products.

Digital Check provides:

- DCCScan for fast and easy integration
- Active X controls
- Sample code (in VB, .net, C & C+) that optimizes our API feature set so that customers will get the most value from their Digital Check scanners
- Software support from a API specialist to help quickly answer your API questions
- Dedicated Web Site for developers with a variety of software tools and the latest API
- A newsletter just for developers to help keep you informed

Our API is also integrated into Silver Bullet's Ranger product, Unisys OSA product and NCR's Wise IP. When all is said and done, the customer wants one thing, a great image that produces great CAR/LAR and MICR read rates from a dependable and reliable scanner. Digital Check's years of experience and proven API has made us the secure choice around the world.



THE SECURE CHOICE™

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