# a2ia

**Industry Paper**
## Lockbox Banking

*With over 30 million lockbox payments being processes each month, how do you minimize fraud, ensure timely deposits and still produce and ROI?*

Successfully deployed in numerous applications in the financial sector, A2iA, Artificial Intelligence and Image Analysis, addresses the pain points many financial institutions and organizations face each day -- how to process documents commonly found in lockbox solutions.  Typically, these check-and-list documents are complex in structure, which makes it challenging to process them quickly and determine if full payment has been received and the invoice can be closed, or if it must be resubmitted. Since these documents are complex in structure, there is traditionally significant data entry involved.

However, with *a2ia DocumentReader™*, a proprietary data extraction and document classification toolkit, organizations can quickly capture this complex information including text, numeric fields, dates, and dollar amounts.  Reduce manual keying, increase your efficiencies and accuracy, and classify these documents for archival.

An industry publication explains that approximately 30-million payments are processed by means of a lockbox each month.  This means millions of payment documents and millions of complex, columnar data must be processed in a fast, efficient manner, all while keeping information confidential and adhering to privacy regulations.  How will you accomplish this and still produce an ROI?

Award-winning and driven by research and development, A2iA, Artificial Intelligence and Image Analysis, is recognized as the worldwide leading developer of handwritten and machine printed text recognition, information extraction and intelligent document classification.  By operating the world's largest research center dedicated to extracting information from everyday paper documents, A2iA has been proactive in its developments to meet the needs of the market place, and producing a visible ROI for its users for more than 25 years.

## What is a Lockbox and how will it benefit businesses and financial institutions?

A lockbox is a service provided by financial institutions to businesses for payment receipt processing. Lockboxes are effective for organizations that process high volumes of payments with a standardized coupon. Examples of such companies are utility companies like phone, gas, electric, water and cable companies. There are two types of lockboxes; wholesale for larger companies, and retail for smaller companies whose payment processes may be more detailed. Companies benefit from lockbox services because it cuts down the time of processing and eliminates in-house sorting and delivery. In lockboxes, payments are sent to the financial institution after collection, where envelopes are opened, and payments are deposited directly into the business' bank account, saving time and operation costs.

A2iA's proprietary artificial intelligence and image analysis technology can locate and extract complex columnar data from all fields of mixed-documents including checks, invoices, remittance coupons and payment stubs

## Reduce the need for manual keying.

Intuitive and easy to integrate, *a2ia DocumentReader* can be incorporated into lockbox solutions to automate the processes. When financial institutions receive payments, the data must be extracted and entered into the system for deposit. A2iA's proprietary artificial intelligence and image analysis technology can locate and extract complex columnar data from all fields of mixed-documents including checks, invoices, remittance coupons and payment stubs. *a2ia DocumentReader* may read rubber banded information and allow an operator to perform a versatile and interactive recognition on complex documents with minimal effort to configure the recognition process. A2iA performs intelligent classification/document routing based on content and layout of payment documents. The classification is especially useful in Lockbox banking because remittance coupons are often included with a payment *and a2ia DocumentReader* eliminates the need for manual sorting of those documents. *a2ia DocumentReader* is award-winning and has been recognized by industry experts and analysts worldwide for its capabilities.

## Key Benefits

Businesses both large and small benefit from *a2ia DocumentReader*'s integration into lockboxes. By virtually eliminating manual keying, businesses cut processing costs, ensure privacy and minimize fraud.

- Locate and extract unstructured data, including data written in columns or lists.

- Capture information from mixed-documents including checks, coupons and payment stubs.

- Reduce manual keying and your own internal processing costs.

- Ensure customer privacy and minimize fraud by eliminating third-party keyers.

- Gain better control of customer check float times.

- Accelerate collections, deposits and credit memos

Image Processing

Document Classification

Data Extraction