> "We were able to use Extract's ID Shield to efficiently redact over a million pages and restore access to filed documents for our customers. We've also incorporated their redaction engine into our standard processing of paper and electronic filings. This allows us to provide the quick turnaround our customers want while protecting against the possible release of sensitive information."
>
> Trevor Timmons
> CIO
> Colorado Secretary of State

Colorado Secretary of State Protects Personal Data in UCC Filings

Business Challenge

When the Colorado Secretary of State disabled web access to secured transaction records, they had to go back to the "brick and mortar" way of doing business. The office still had large numbers of records requests, but processing them manually was not as efficient. With a small staff trying to carry out the work, a noticeable backlog quickly developed and customer service suffered.

Solution

The agency sought an automated redaction solution to protect sensitive information electronically so it could fulfill records requests through a web-enabled self-service model. Project requirements included the ability to seamless-ly integrate with its in-house filing software. The Colorado Secretary of State selected ID Shield to process nearly 1.4 million pages of historical plus day-forward UCC filings to redact Social Security Numbers and Federal Employer Identification Numbers.

ID Shield processed the filings using a hybrid workflow. When ID Shield was highly confident there was no sensitive information or the sensitive information found could be accurately identified and removed, filings were automatically redacted without human intervention. When the software found sensitive information but reported low and medium confidence levels due to an irregularity, such as an 8-digit number as opposed to the 9-digit format of an SSN, ID Shield highlighted the low and medium confidence data and presented it for human verification.

ID Shield's document classification capability reviewed documents based on content and assigned a document type. Specific redaction rules were applied to each type. For example, Federal Tax Liens were not redacted.

The Technology Behind ID Shield Advanced Redaction Software

ID Shield uses a state-of-the-art unstructured data analysis algorithm to find and redact all sensitive data types including: Social Security Numbers, dates of birth, Credit Card Numbers, CVV codes, account numbers, check numbers, expiration dates, names, postal and email addresses, and virtually all types of personal information within structured and unstructured documents. This core competency is a proprietary formula that incorporates pattern recognition logic, phrase context proximity, and more keywords into the software based on the data that needs to be captured and secured. ID Shield redaction zones are burned in, making it impossible for identity thieves to retrieve private information. All hidden metadata associated with the original document is eliminated. The original document remains unaltered.

About Extract Systems

Extract Systems is a leading provider of advanced data capture and redaction solutions that drive operational efficiency and secure private information for government, healthcare, and other commercial sectors. ID Shield Intelligent Redaction Technology has processed more than three billion documents without a single breach in data protection. Extract's data capture products automatically find and incorporate manual data entry fields into designated information systems as structured data. Automating the capture of information trapped in paper-reliant workflows reduces costs and optimizes the intelligent collection of data.

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