



Intellidact® for Courts

YOUR CHALLENGE

You're being asked to do more with less. You realize the benefits of providing public access to court records, but at the same time face the challenges of protecting private information within their contents. Identity theft and fraud are a thriving five billion dollar a year enterprise and you do not wish to be the source of information used to harm others. Even absent moratoriums and legislation, you realize an obligation to protect the privacy of information in your custody. What if the private information was yours? Surely you would want it removed.

Adding to your concerns, you face a daunting task. You have millions of archived TIFF documents that need to be inspected and redacted; the courts are also transitioning to PDF/A for their standard document format.

Daily processing of your new documents needs to be addressed as well. The courts and legislature have already realized the problem and you're waiting to see how any changes to regulations will affect you. You've considered outsourced labor to process the documents, but if the regulations change, your investment in redaction will be meaningless, and if you do nothing you'll leave your fellow neighbors and constituents unprotected.

Before

IN THE CIRCUIT COURT OF THE TWELFTH JUDICIAL CIRCUIT IN AND FOR MARION COUNTY CIVIL ACTION

THE STATE OF FLORIDA
DEPARTMENT OF REVENUE,
ON BEHALF OF:

JANE DOE,
Petitioner/Plaintiff,

VS. CASE NO. 1996-DR-099916
IV-D AA

JOHN DOE,
Respondent/Defendant,
SSN: 123-45-6789

STIPULATION FOR PATERNITY AND/OR SUPPORT

The State of Florida, Department of Revenue on behalf of JANE DOE, Petitioner/Plaintiff, by and through its undersigned attorney, and the Respondent/Defendant, JOHN DOE, whose social security number is 987-65-4321, agree to the following for the determination of paternity and/or child support obligation:

OUR SOLUTION

CSI's Intellidact is a paradigm shift away from existing technology. In fact, it's altering people's perception of document processing right before their very eyes. Intellidact's patent-pending technology automatically locates unstructured data anywhere in a document, even within hidden PDF metadata fields, redacting the specified data without human intervention.

The results are amazing. Intellidact can seamlessly process existing images in a repository, or be used as part of a scanning workflow, to rapidly and accurately accomplish an otherwise monumental task.

Intellidact employs sophisticated intelligence to properly classify documents, then identify fields of interest, consistently giving it the highest accuracy rating in the industry with the least amount of manual validation required. Advanced character recognition engines locate and vote on data eligible for Intellidact to redact. After processing, a "clean" document is created and saved into an image repository or delivered to your eRecording or eFiling systems. We're not talking about some future strategy. It's being done right now, and for pennies a page.

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PRODUCT FEATURES:

- Accurate rules-based redaction and indexing
- Advanced semantic name recognition
- Dynamic CMS data supported
- Native PDF/A redaction
- ADA compliant PDF output
- Machine-print, hand-print, cursive script, barcode, and MICR processing
- Single-pass processing and single-pass validation
- Seamless case management system interfaces

PRODUCT BENEFITS:

- Highest industry accuracy with least amount of manual validation
- Correct identification of victim, maiden, minor, etc... names
- Eliminates case management system manual redaction
- Eliminates partial information removal issues present with image only redaction
- Section 508 tagged redaction to provide ADA compliance
- Single Enterprise solution for multiple data types
- Provides most efficient way to redact and index documents
- Proven integrations, industry standard interfaces

HERE'S HOW IT WORKS

Intellidact analyzes document images obtained from TIFF or PDF files, email attachments, database binary data, or web submissions. The images can come from existing data – your archived images – in addition to those originating from newly-scanned or eFiled documents.

CHARACTER RECOGNITION

The first step in Intellidact processing is for it to convert the image data to usable text. Intellidact includes four unique character recognition engines to convert image data. Optical character recognition (OCR) is used to convert machine print, while Intelligent character recognition (ICR) is used to convert handprint. A voting of the results from these engines occurs to produce the most accurate rendition of text from image data. Next and if defined for processing, Intellidact's EyeSight™ technology identifies and classifies image data which falls outside the realm of OCR/ICR engines using computerized vision technology. Intellidact has the unsurpassed ability to locate and redact all types of information on documents using consistently performing software technology.

AUTOMATIC CLASSIFICATION

The next step in Intellidact processing is for Intellidact to classify the document. Intellidact works like a human, only much faster and with far fewer errors. Intellidact classification is accomplished based upon document content as well as information context. Classification allows Intellidact to determine for each individual document it processes, the correct document type, apply any document specific rules for redaction, as well as select an appropriate docket code for the filing based upon document content. Such may be used to override any previously provided coding. Documents that are classified externally as one type, but contain sub documents of differing types, have all their pages inspected and sub documents processed correctly.

DATA FIELD IDENTIFICATION

After classification determines the document type, the image is ready to be analyzed for data that requires either redaction or extraction. Intellidact uses sophisticated logic to locate fields and their values, based on text, labels, vertical and horizontal displacement, pattern recognition, phrase context, and dictionary lookups. For example, a simple rule could state that a Social Security number must be nine numbers, with or without hyphens, printed on either one line or split over a line break. It may appear after, above, below or even without the text "SSN". For your convenience, Intellidact includes predefined logic developed with over 30 man years of effort to provide the highest levels of accuracy.

Intellidact allows you to locate all types of personally identifiable information, redacting only a subset now, yet keeping the additional fields for future redaction.

DATA VALIDATION

Intellidact allows you to elect either manual validation or defer such to a later time. Manual validation allows an operator to review the results of software processing, while an automatic release can be set to bypass validation completely based upon preset confidence levels.

Intellidact's validation program ("IntelliValidate") includes several unique to CSI inventions, such as QuickDraw™ (point-and-click data selection for redaction or index extraction), Dynamic Suggestions™ (software assistance for removal of embedded or masquerading data), Free Standing Names™ (personal name location absent context), and TotalCase™ validation (document centric and not page by page manual operations). These are just a few of Intellidact's many features designed to reduce human error and efforts in processing.

IntelliValidate provides a single user interface that can validate redactions, case indexing data extraction, and e-file acceptance, consolidating three disparate validation efforts saving your staff time. IntelliValidate processing can either occur within your existing application workflow, or be separated out using Intellidact's provided-for workflow services.

AUTOMATIC QUALITY CONTROL

Sophisticated document confidence algorithms ensures data recognition as accurate; scoring below a user specified level flags the image for additional processing into one of Intellidact's red, yellow, green or gray validation queues. If Automatic Quality Control detects low confidence, Intellidact forces the image to a Manual Validation queue for human-assisted processing.

AUTOMATIC REDACTION

Make no mistake about it, accurate redaction is the ultimate result of Intellidact processing. Every step leading up to the redaction phase is in preparation for redacting confidential information in the document. After Data Field Identification locates a redaction field, if specified for processing, Intellidact can alter a copy of the document image by complete eradication of image data replacing such with a black rectangle or pre-defined text block.

OUTPUT

Intellidact's final step can produce either PDF/A documents or TIFF images sanitized of "private" information. Intellidact can provide the coordinates of the redaction field zones for use by "masking" case or document management systems. Multiple document versions may be created without reprocessing with Intellidact Future Proofing™ creating additional redaction areas to your documents as identity theft schemes and legislation changes occur.

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