

# *Intelligent Redaction Technology*

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**A**lthough the public demands access to public records, governments today face a huge challenge in protecting sensitive information in these records. The Freedom of Information Act and Privacy Act legislation have also affected the need to edit sensitive information on public documents.

Privacy laws, identification theft and fraud have all inspired the development of intelligent redaction technology, or software that removes, or edits, private information from public documents. Many organizations have millions upon millions of archived pages that need to be inspected and edited.

In some states, like Florida, all private information must be removed from state documents by a certain date or all documents will be pulled from public access. In addition, Florida court records which had been removed from the Internet via a Florida Supreme Court moratorium are expected to be once again made available, once their sensitive information is redacted.

“Already a hot issue in the Florida state legislature, redaction as a solution to the growing con-

cern of privacy rights and fraud will begin to be addressed throughout the country,” said Henry Sal, president of Computing System Innovations (CSI), Orlando, FL. “We are only seeing the tip of the iceberg as additional classes of documents are available for public use that will require the use of our technology.”

Intelligent redaction technology, like CSI’s IntelliDact, automatically locates unstructured data in documents, indexes it and redacts, or edits, the specified data without human intervention, and with less of an error rate than humans performing the same repetitive task. Its design allows an organization to integrate it with a current system and process existing images located in a repository, or incorporate it as part of a scanning workflow, to rapidly and accurately accomplish an otherwise monumental task, according to Sal.

IntelliDact uses optical character recognition (OCR) and intelligent character recognition (ICR) software to read handwritten documents and edit private information, such as social security numbers, bank account numbers, drivers license numbers, and debit and credit card numbers. Intelligent

validation software makes decisions and suggests documents needing review rather than requiring examination of all processed images. Advanced character recognition engines then locate and vote on data eligible for IntelliDact to redact and/or index.

After processing, a “clean” document is created and saved into an image repository or delivered to the organization’s e-recording or e-filing systems. An important benefit of the IntelliDact technology, through processing, is that rather than just providing a redaction solution, the complete text of the images is produced and made available for full text searching, improving public access to the information as well.

IntelliDact features intelligent document recognition; automated rules-based data redaction; handwriting and machine text capable; and advanced indexing with field validation and quality control options. Its technology is pending patent approval. *CT*

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