Computing System Innovations (CSI) for Courts
AI-Enabled Document Understanding and Workflow Automation

Tyler's CSI solution automates workflows so professionals in your court can transition from manual, repetitive, error-prone document review and data-entry tasks to focus instead on providing an enhanced justice experience for everyone involved in the process.

Thanks to intelligent document understanding and automated data-entry capabilities from the CSI solution, your electronic filings are reviewed and docketed automatically within your case management system (CMS) exactly as they would have been by a human. But in less time, with consistent data-entry decisions and zero mistakes.

By using Tyler's CSI solution, your court can speed up document-processing times, expedite CMS workflow tasks, reduce errors, improve customer satisfaction, and give court staff more time to focus on meaningful, complex tasks — all while improving the bottom line. Here's how:

Document Classification and Data Extraction. Eliminate manual document review by using AI trained specifically on your court and processes to automatically classify then extract docket-specific structured CMS data from any electronic document filing. Your filed documents are classified and validated with minimal need for human review.

BENEFITS OF CSI

- 5x the number of human-processed documents per hour
- Automatic document classification, data extraction, redaction, and data entry
- Removal of repetitive case-management tasks
- Elimination of human-processing errors
- Expanded document-processing hours
- Improved customer experience
- Increased ability to scale
- Reduced operational costs
- Seamless integration with a wide range of eFile and case management systems
- 90-day implementation timeframe
- Substantial ROI and cost savings potential

For more information visit tylertech.com

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AI-Powered Data Redaction. AI redaction uses machine learning to remove personal identity and redact confidential information automatically. This includes removal of SSNs and personally identifiable information (PII) as defined by the court irrespective of its data type from both the image as well as text layers in your documents.

Robotic Process Automation. Robotic process automation (RPA) provides software robots that navigate your applications, making rules-based decisions based on your court's processes, just like human employees would — performing consistent data entry automatically and with zero mistakes.

AI-Enabled OCR. Even our optical character recognition (OCR) engine that converts documents to text is AI powered. That means CSI's document understanding extends to processing hand-printed text in documents just as easily as machine-printed text. Enabled to run on special-purpose AI hardware (GPU's), our AI processing is 100x faster than traditional OCR.

ENHANCED JUSTICE EXPERIENCE

Efficient, front-end processes powered by AI automation create many benefits. Court staff are empowered to provide personalized attention to higher-value tasks, relieving stress from the burden of menial obligations. There's more room to focus on face-to-face customer service for internal and external stakeholders alike. Lawyers, paralegals, and self-represented litigants enjoy swifter access to needed materials. And all legal requirements are met on a timely basis.

IMPROVED SCALE, REDUCED COSTS, ROI

CSI's AI automation provides quick access to reliable, scalable automations that can help fill workforce gaps, eliminate case backlogs, and achieve same-day document acceptance — all with proven client satisfaction, efficiency for the entire team, and a quickstart, 90-day implementation timeline. Since implementing AI automation in 2017 and using CSI to automate electronic filings, Palm Beach County has achieved $1.9 million in annual savings.

PARTNERSHIP YOU CAN TRUST

Through the CSI solution, Tyler is the leader in court document AI automations having first introduced AI automation technology to that market in 2017. The CSI platform is the first and only document-understanding, data extraction, redaction, and RPA solution purpose-built for this sector. With 30 years of court experience, the team is committed to educating courts about AI technology to remove apprehension, stigma, and fear.

CSI can ensure that AI is implemented in your court in a way that is safe, effective, and accessible for anyone on your team to use. The software has a well-credentialed, data-backed reputation of trustworthiness and can provide high-quality control checkpoints.

By investing in Tyler's AI-enabled document understanding and workflow automation solution, you're gaining efficiency that will optimize court staff time, attention, accuracy, speed of data processing, and the justice experience for all involved — all while reducing operational costs and improving customer service.

Want to learn more about CSI? Contact us at info@tylertech.com or 972.713.3700.

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