

The background of the cover is a complex, futuristic digital landscape. It features a dark blue and black color palette with glowing green and yellow lines and dots. The lines form a grid and various geometric shapes, suggesting a network or data flow. There are several circular elements, some resembling gears or data nodes. In the upper right, there are faint, semi-transparent text elements like "/Dev", "/Engineering", "/Manufacturing", and "/Planning". In the lower right, there's a circular graphic with a human silhouette and the word "SPEECH" inside. The overall aesthetic is high-tech and data-driven.

**PHILIPS**

Dictation

# Optimizing automation: **The first step in the AI revolution**

**eBook**

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Artificial Intelligence (AI) has become an increasingly high-profile term in recent years, as the world witnesses the emergence of an exciting new age of computer-driven capabilities. And while there are some industries where machine learning seems a natural fit (such as engineering or robotics), many legal professionals might not think of AI as immediately applicable to their field.

But there are many ways AI can be the next positive change agent in the legal space, which typically entails significant amounts of paperwork, record keeping, and other administrative requirements. From automatic filing and sorting, to e-discovery, to contract analytics and more, there are many opportunities to leverage AI to streamline traditionally time-consuming manual tasks and add value to higher-impact work.

Even in cases where the benefits of machine-learning technologies are evident, many find the concept of AI overwhelming. According to a [recent survey conducted by Thomson Reuters](#), 67% of respondents in small legal departments reported their teams were uninterested in AI, while 62% noted that their departments simply weren't ready to implement AI. But no matter the size of the firm or organization, starting on this path doesn't need to be intimidating. Automation in small tasks can be an ideal initial step into this AI adoption, even if your firm isn't ready for a complete AI overhaul. Here are some examples of how legal professionals can get future-ready through automation:

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#### Accelerating Transcription:

Dictating can be at least seven times quicker than typing, and using voice-capture software or mobile cloud solutions with superior audio quality and transcription accuracy helps reduce the time spent recording data. This can help get attorneys ready for natural language processing (NLP), which is at the core of many AI capabilities applicable to the legal industry, such as translating queries to mine research databases or conducting document analysis. Speech-to-text or text-to-speech use cases are among the most compelling for legal professionals, as the industry is heavily reliant on text-based data.

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#### Leveraging Automation:

By using software or mobile cloud solutions, automating tasks such as document creation can be a much easier and efficient process. Rather than manually managing transcription work queues, dictations can be immediately and automatically routed to a transcriptionist work list or agency – generating documents nearly instantaneously. Getting accustomed to using these solutions paves the way for more robust emerging AI functionalities. Intelligent automation, complex task allocation and sequencing, and text analytics (for example, extraction or categorization) are but a few areas where automated transcription can naturally progress.

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*The implementation of efficient speech-to-text solutions is the precursor for AI-enabled automation in the legal field.*



## Optimizing High-Impact Work:

As pervasive as technology is becoming in every industry, the legal field is still characterized by a high proportion of manual, human-dependent work, such as correspondence and documentation. Here too, dictation solutions are preparing legal professionals for an AI-enabled organization. For instance, solutions such as mobile dictation and secure file sharing help manage workloads, reduce time and resources spent on administration, and boost efficiency and profits. These technologies are the precursors for increasingly sophisticated machine-learning tasks –research, drafting lower-exposure or lower-liability documents, scanning and gathering relevant clauses or documents for review, and more. By getting comfortable with speech-recognition solutions, legal professionals will see how machine intelligence enhances their workday and frees up more time for higher-impact work.

If your organization hasn't yet begun to explore voice-technology solutions, consider implementing them into your existing processes and workflows using a customized, phased approach. Providing ways for partners and other legal staff to begin experimenting with automation in small tasks can have a large impact on how your firm operates and prepares for the next step in the digital revolution.

As the leader in professional dictation solutions, Philips helps firms large and small make the most of technology to stay ahead of the curve. We work with leaders in the legal industry around the world to meet the changing needs of their clients and an evolving industry landscape.

To learn more about purpose-built voice technology solutions legal professionals are using today to prepare for an AI-driven tomorrow, visit our [website](#) or email us at [info.na@speech.com](mailto:info.na@speech.com).

