What's next

Dragon Professional

Transforming documentation by voice

We see the powerful impact our voice and language solutions are having within the document-intensive industries we work with daily. It's just as exciting today as it was twenty years ago; when we first introduced Dragon Speech Recognition as the first-ever continuous dictation solution.

Mark Geremia
Posted March 5, 2018

New voice and language solutions continue to impact productivity at every level – from improving workflows for document-intensive industries, to simplifying daily tasks.

The automation of these tasks – whether at home or where we work – rely on a set of

intelligent systems; all of which use complex algorithms driven by machine learning to take a human ability, like language, touch or a simple gesture, and transform it into an action.

In fact, this was the premise that Dragon Speech Recognition was built upon over twenty-years ago; to take the everyday task of typing and transform it into a simpler process by voice.

The first iteration of Dragon Speech Recognition was the "smartest of smart" for its time – taking incoming streams of sound and interpreting them into dictation. What used to take hours to do; namely typing a document, turned into literally minutes, all simply by speaking into a computer.

Advances in Deep Learning technology has turned the complex algorithms our engineers scratched out on their white boards back then into reality. Today's intelligent speech recognition engines not only interpret dictation, but also understand its context; distinguishing between words like homophones (for example: to, two, and too). They recognize the difference between dictation and a command, like "open Microsoft Word." And the technology learns and adapts the more it's used, learning the subtle nuances of spoken words. It can even distinguish, and parse out, background noise.

The power of all of this built-in functionality has propelled documentation productivity further than we could have ever imagined twenty years back.

Hundreds of police departments, whose officers are spending 3 to 4 hours each day typing incident reports, are improving their documentation processes tenfold. Law firms, whose clients are becoming ever more tech-savvy, are embracing voice-powered documentation solutions to shift labor-intensive tasks, such as searching documents for information, automating e-discovery, to writing case files and briefs, into seamless workflows. And financial services firms are using the accuracy that speech recognition offers to mitigate risk and improve compliance, in the face of expanding rules and regulations.

For the document-intensive industries that we work with daily, seeing the transformative impact our voice and language solutions are having is just as exciting today as it was twenty years ago when we first started automating talking into text.

Tags: Document Management, Dragon Professional, Dragon Voice Recognition

More Information
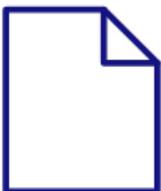
	Improve documentation productivity
	Empower employees to create high-quality documentation faster and more efficiently, while saving your business time and money.
	Learn more

About Mark Geremia

Mark Geremia is Vice President and General Manager for Dragon Professional and Consumer and oversees the product and marketing strategy for Nuance's Dragon speech recognition and documentation workflow portfolio. Mark has held various leadership roles within the Dragon business over the last decade, and with his team continues to expand Dragon's reach across enterprise, legal and law enforcement markets, transforming productivity and documentation accuracy for professional individuals and large organizations. Prior to joining Nuance in 2005, Mark held key marketing management positions at both large and small technology companies. He holds a Bachelor of Science Degree in Business Management from Bentley College.

View all posts by Mark Geremia