



We create best-in-class artificial intelligence software that streamlines access to your data with unequaled precision. Any document. Any data. Any source.

THE PARASCRIP DIFFERENCE

*Smart Software,
Smart People,
Dedicated to Your Success.*

THE PARASCRIP DIFFERENCE

Our software analyzes over 100 billion documents annually and automates key tasks for financial services, government agencies and the healthcare industry. Our clients are our partners—Business Process Outsourcers (BPOs), service providers, Original Equipment Manufacturers (OEMs) and Value-Added Resellers (VARs)—in the U.S. and across the world.

Through our many different machine learning techniques including digital image analysis and advanced pattern recognition, Parascript software enables the digital workforce with unattended document automation. Parascript software supports transaction processing, customer onboarding, case management, mail processing and fraud prevention as well as other document processing.

Parascript technology is unique in its focus on precision document processing enabling straight-through processing with no manual intervention. High automation is our goal. Low error rates contribute to significant downstream cost reductions and higher customer satisfaction.

Parascript software touches just about everyone in the U.S. who sends mail or writes a check. Our software benefits our clients by:

- Improving document processing efficiency and data accuracy for organizations across the globe.
- Reducing data entry expenses for many clients by as much as 95 percent.
- Saving our clients billions of dollars each year.

OUR CULTURE

New ideas have always defined the culture at Parascript. Every innovation leverages our in-depth knowledge and cutting-edge technologies— such as deep learning—to advance our software for our clients and our future partners.

As we innovate, we leverage our extensive experience and in-depth expertise to build software that solves complex business challenges — and deliver the world's most advanced document automation solutions.

The Parascript Difference

Parascript continually strives to leverage its expertise in applied machine learning technology to solve complex challenges and live up to the promise of delivering the world's best products for today's and tomorrow's digital workforce. For example, for the last three years (2017-2019), KMWorld has named Parascript as one of the top 100 companies that matter in knowledge management.

THE HISTORY

In 1989, venture capitalists from Boulder and a team of scientists formed ParaGraph that built software leveraging AI, pattern recognition and machine learning to automatically recognize handwriting and translate it into machine readable format. In 1993, Apple leveraged this software for the Newton series of personal digital assistants, and later on, Microsoft used ParaGraph technology in its tablet operating systems. ParaGraph scientists then piqued the market's interest once again with unique multimedia and 3D/virtual reality technology, which was bought by Silicon Graphics. In 1996, the team launched Parascript, the data capture and recognition business.

OUR TECHNOLOGY & TEAM

Over the years, Parascript has been established as a trusted provider of state-of-the-art solutions applying computer vision and artificial intelligence to a number of markets. Parascript was the first to solve the cursive handwriting puzzle, and over the past 25 years, we've grown to be the source for applied artificial intelligence technologies for the U.S. Postal Service and other Global 2000 organizations.

Our staff—with PhDs in physics and applied mathematics—has decades of experience applying computer vision and AI technologies to complex business problems. From ICR software (that employs a topological approach), recognition that includes curve tracing, feature analysis, and matrix matching all powered by multiple neural networks to powerful Business Intelligence

software that learns the proven decision-making practices of a company's top performers and makes recommendations similar to what these experts would do in the same situations, Parascript has played an active role in the use of learning technologies to tackle these challenges. The universality of our proprietary technologies, as well as the broad range of expertise and accumulated knowledge allow us to quickly and efficiently apply these technologies to a broad range of fields.

KEY TECHNOLOGIES

Computer vision involves automating tasks that our own vision accomplishes such as translating digital images into information or detecting certain things. Computer vision is a specialized application of AI in that many of the techniques used to process an image are part of the field of AI and are focused on images. Typical tasks using computer vision involve object recognition and classification, which includes optical character recognition and handwriting recognition, motion analysis, scene reconstruction and image restoration. These tasks can support controlling roboticized processes, navigation, event detection, organizing information, and automatic inspection.

Parascript has decades of experience with applying various AI and machine learning algorithms to business problems and combining various algorithms to produce the highest quality results. Among the types of algorithms Parascript uses are convolutional neural networks for deep learning, Conditional Random Fields, Hidden Markov Models, Bayesian-based algorithms, support vector machines and other types of neural networks. Depending on the particular application, supervised and unsupervised learning are utilized.

PARASCRIPT PARTNERS

Some of the largest and most respected companies and government agencies operate their processing environments using Parascript software. Parascript brings our smart learning technologies to Fortune 500 companies, postal operators, major government and financial institutions worldwide.