



Intelligent Document Processing that works like you want. Parascript software, driven by data science and powered by machine learning, automates simple and complex document-oriented tasks such as document classification, document separation and data entry.

THE PARASCRIPT DIFFERENCE

Every year our software analyzes over 100 billion documents and automates key tasks for financial services, insurance and government agencies. 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.

The Parascript self-learning document automation platform, **Smart Learning**, puts the power of a team of data scientists and machine learning experts in your hands. Easily deploy pre-trained skills without the traditional trade-off of limited performance. Choose from an array of capabilities including the ability to recognize handprint and handwriting, or extract data from invoices, checks, claims and purchase orders with precision out-of-the-box. Create and deploy custom capabilities with a touch of a button. There is no need to manually configure and tune your skills. Simply use tagged samples. Smart Learning creates the skill for you.

Smart Learning intelligently analyzes output and can understand when it needs help meeting your specific data accuracy requirements. The result is a high percentage of data can move straight through with only a small amount requiring human review.

Behind the scenes, Parascript software impacts just about everyone that uses documents.

Our software benefits our clients by:

Improving document processing efficiency and data accuracy for organizations worldwide.

Reducing document-oriented task expenses for many clients by as much as 95%.

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. Parascript delivers the world's most advanced Intelligent Document Processing solutions.

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. Parascript continues to be highly rated by experts within the industry.



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.

These scientists then piqued the market's interest once again with unique multimedia and 3D/virtual reality technology, which was subsequently 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 specific application, Parascript software utilizes both supervised and unsupervised learning.



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.

Interested in learning more? We'd like to hear from you.

www.parascript.com

info@parascript.com

888.225.0169

