Better than Human Accuracy and Speed

Parascript® CheckXpert.AI® Smart Learning Lab

In today's environment of increased customer demands layered on top of the need to manage compliance based on a myriad of regulations, it is increasingly challenging to find solutions that enhance the customer experience while also enabling more adaptability and keeping it all compliant. The Parascript Smart Learning Lab for CheckXpert.AI is one such solution. The lab enables solution providers and banks to achieve the highest rates of straight through processing, which power real-time consumer transactions. Using the latest blend of machine learning approaches, Smart Learning Lab is delivered to the bank site where the software learns on real production data without violating any privacy laws or data access regulations. Once learning is complete, Parascript bundles the production ready software into an easy-to-integrate SDK.

Parascript® CheckXpert.AI® Smart Learning Lab

The key to our CheckXpert.AI Smart Learning Lab is Parascript's novel "**managed SDK service**." It is designed to blend the best attributes of custom software, tailored to your needs, with commercial off the shelf quality and efficiency. The result is a product that delivers human-like accuracy with the speed of a machine.

HOW IT ALL WORKS

Provide Sample Data

The bank or solution provider prepares 200 to 500 representative sample check images.

- These are used to train the system on how to locate the needed data.
- The samples can be redacted to comply with privacy and data access requirements.

Deliver Smart Learning Lab

Labs can be trained in one of two ways:

- Using a large sample of tagged production data, the software can be trained as a completely separate process from production.
- The Lab can be fed production data as part of a parallel process where it learns directly on production data.

Trained Data Model for Final Delivery

Once learning is completed, the bank or solution provider returns the trained model along with the de-identified data used for learning to Parascript for final packaging.

RESULTS

Once limited to custom projects, the ability to achieve high-levels of straight through processing for checks is now available as an onsite capability. With read rates as high as 99% with 1% error, true real-time customer experiences are enabled. The same software that is used to train the system can keep the performance optimized regardless of changes in the production data stream, enabling either a managed data service or onsite capability.