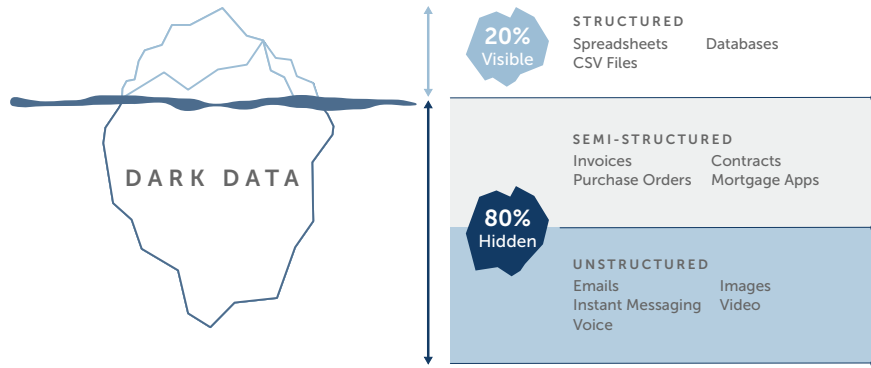# IQ Bot
Intelligent Self-Learning Digital Workforce

The only bot capable of learning from humans

A Bot that Learns from Human Behavior

IQ Bot is the only cognitive bot with vision skills that adds structure to unstructured content and learns by observing people at work increasing your digital footprint.

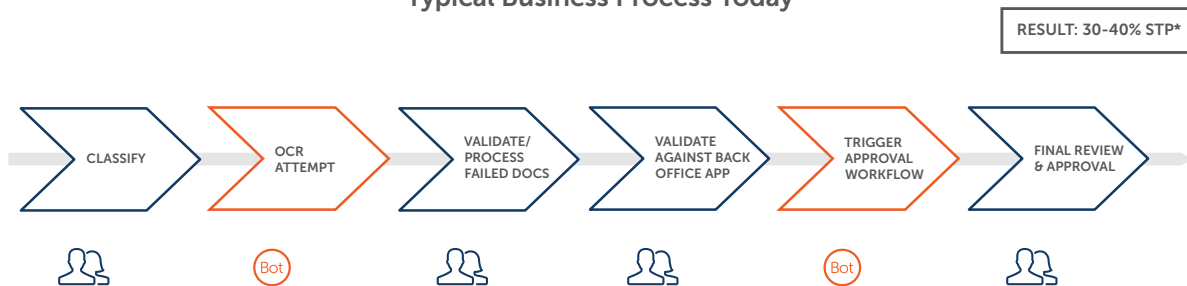## Knowledge Workers Confined to Robotic Work

You are probably well on your way to automating processes that draw from structured data sources. However, 80% of your company's data is "Dark Data": information that is difficult to access, undigitized and unextractable using traditional RPA-only solutions.

Large variations in document formats and the highly unstructured nature of communications (think emails and instant messages) have limited automation. As a result, you continue to rely on knowledge workers to extract the relevant information to feed into otherwise automated processes.
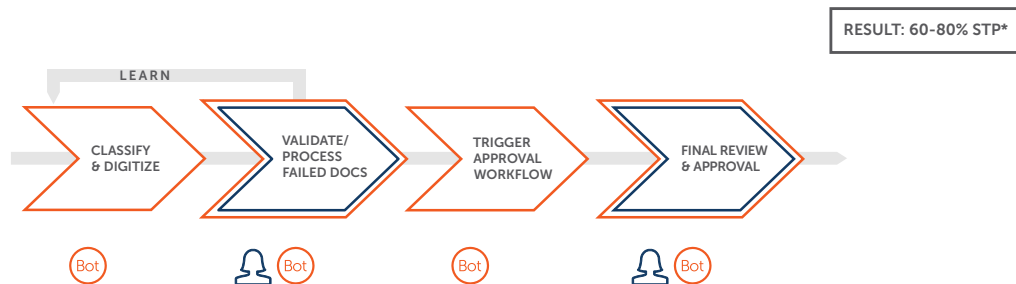
Take the Robot out of the Human

IQ Bot automates business processes that rely on semi-structured or unstructured data hidden in electronic documents, images, emails, and more. IQ Bot leverages multiple AI techniques to intelligently digitize and extract data to make your RPA and/or OCR technology even more effective. IQ Bot keeps learning from corrections made by your knowledge workers, getting smarter and more accurate over time.

Typical Business Process Today

RESULT: 30-40% STP*

| CLASSIFY | OCR ATTEMPT | VALIDATE/ PROCESS FAILED DOCS | VALIDATE AGAINST BACK OFFICE APP | TRIGGER APPROVAL WORKFLOW | FINAL REVIEW & APPROVAL |

Business Process with IQ Bot

RESULT: 60-80% STP*

LEARN

| CLASSIFY & DIGITIZE | VALIDATE/ PROCESS FAILED DOCS | TRIGGER APPROVAL WORKFLOW | FINAL REVIEW & APPROVAL |

Straight Through Processing; End-to-end automation without human involvement.

AUTOMATION **ANYWHERE**
Go be great.

End-to-End Automation without Human Involvement

Double your STP Results within 3 to 6 Months
Leverage proven artificial intelligence that continuously improves STP over time with supervised learning.

Reduce Data Processing Errors
Significantly lower your error rates by automating the ERP system data entry.

Accelerate Turnaround Times
Reduce processing time and backlog by automating the extraction and digitization of documents.

Improve Customer Experience
Reduce wait time and speed up response times for customer interactions.

PARALLELS WITH SELF-DRIVING CAR TECHNOLOGY

IQ Bot leverages the latest computer vision and unsupervised learning techniques—just like those used in self-driving cars—to digitize images and documents. It automatically extracts the data needed for decision making and continuously learns from knowledge worker feedback. IQ Bot can be easily combined with RPA bots or other AI solutions such as IBM Watson to achieve unprecedented levels of end-to-end business processes automation.

WHAT DOES AN IQ BOT DO?

Automates Classification
Regulates the recognition and classification of content with leading edge unsupervised learning algorithms.

Intelligently Digitizes
Leverages the latest computer vision technology to more intelligently and accurately digitize documents than traditional OCR technology.

Learns on the Job
Continuously learns from user feedback getting 'smarter' over time.

Automates End-to-end Process
Automation Anywhere uniquely mixes and matches traditional RPA with cognitive technology to achieve unprecedented levels of STP.
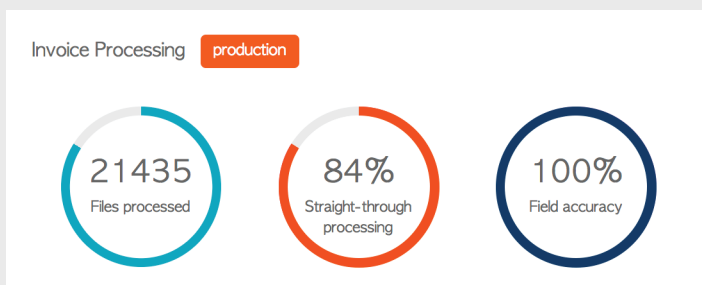
Cognitive Techniques Used

Classification

Change of terrain!

Unsupervised Learning

Digitization
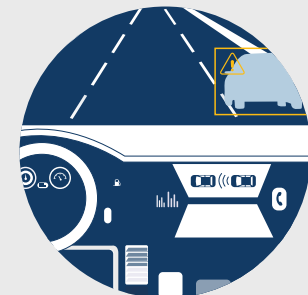
Computer Vision

Learning

Supervised Learning

PROCESSES THAT IQ BOT EXCELS AT

Invoices	Contracts
Mortgage Applications	Purchase Orders
Insurance Claims	And many more

Invoice Processing production

21435
Files processed

84%
Straight-through processing

100%
Field accuracy
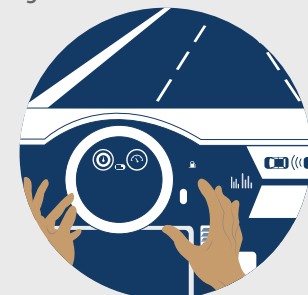
Casestudy
Technology Manufacturing

CHALLENGE

This manufacturer was using OCR technology to automate invoice process. Large variations in invoice formats limited automation with the STP maxing out at 30%.

SOLUTION

By leveraging unsupervised learning and computer vision technology, IQ Bot was able to automatically categorize and digitize a broader array of invoices. Moreover, integration with Automation Anywhere's RPA platform allowed them to automatically validate the invoice and populate the data in ERP application.

BENEFITS

After deploying IQ Bot for enhanced automation, they doubled their STP to 61% within four months and are expected to continue improving STP over time.

Robotic Process Automation

Bot

Do

+

Cognitive

Think

+

Analytics

Analyze

=

Digital Workforce

Embark on your journey towards an intelligent digital workforce with IQ Bot today!

When knowledge workers never need to process data manually, they can do what they do best—use their knowledge for decision making and handling unique cases or exceptions.

Call 1-888-484-3535 or visit www.AutomationAnywhere.com to schedule a live demo.

Automation Anywhere 🌐 www.automationanywhere.com

📞 North America: 1-888-484-3535 x1 | International: 1-408-834-7676 x1

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