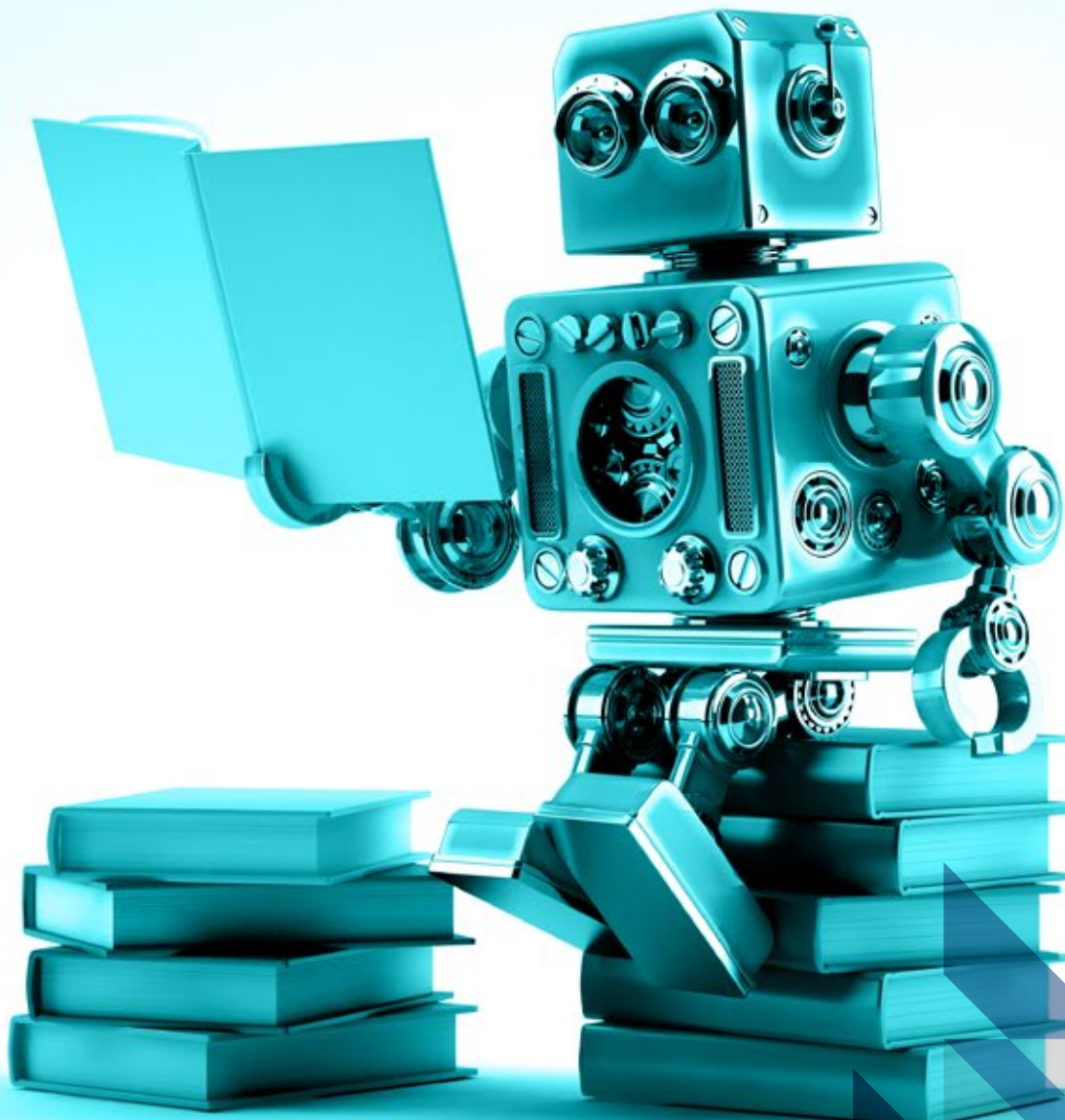


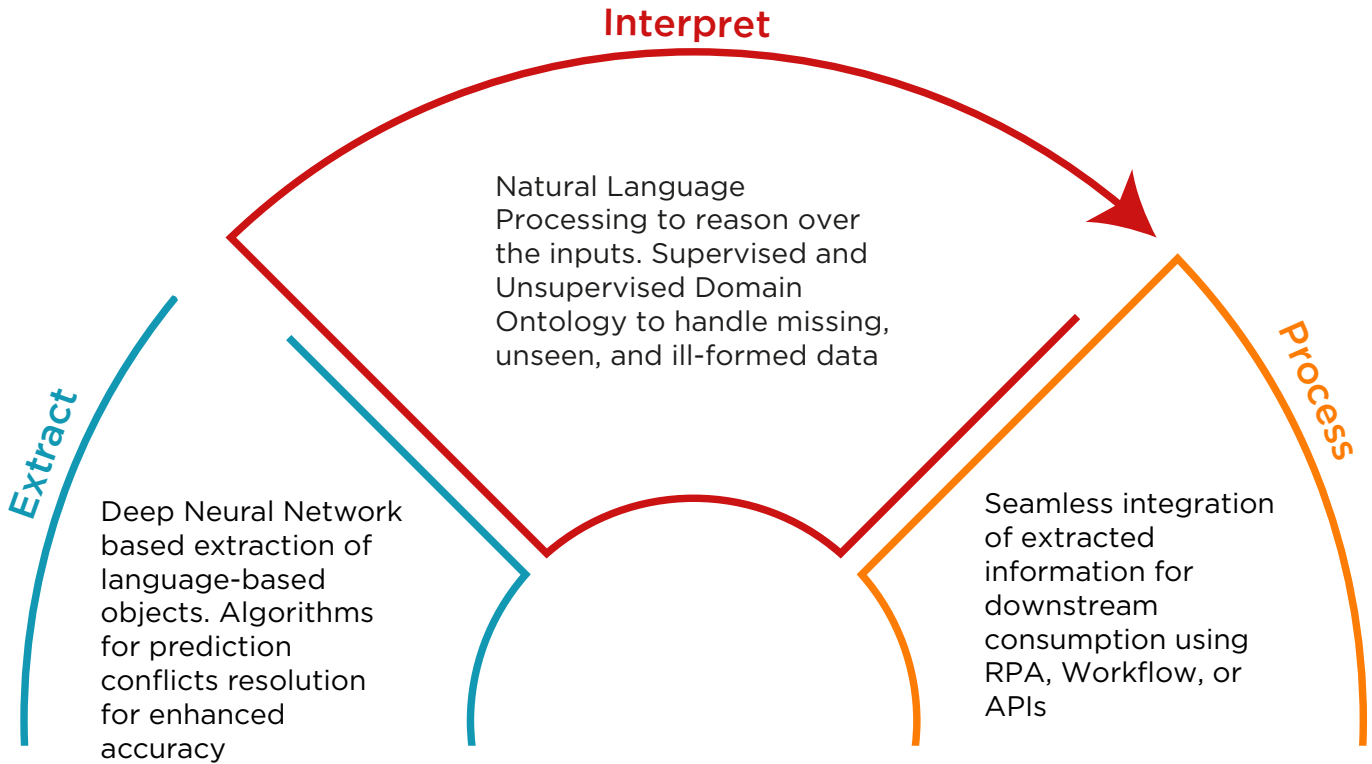
AUTONOMOUS **INTELLIGENCE** TECHNOLOGIES

EXACT 
by HCL Technologies

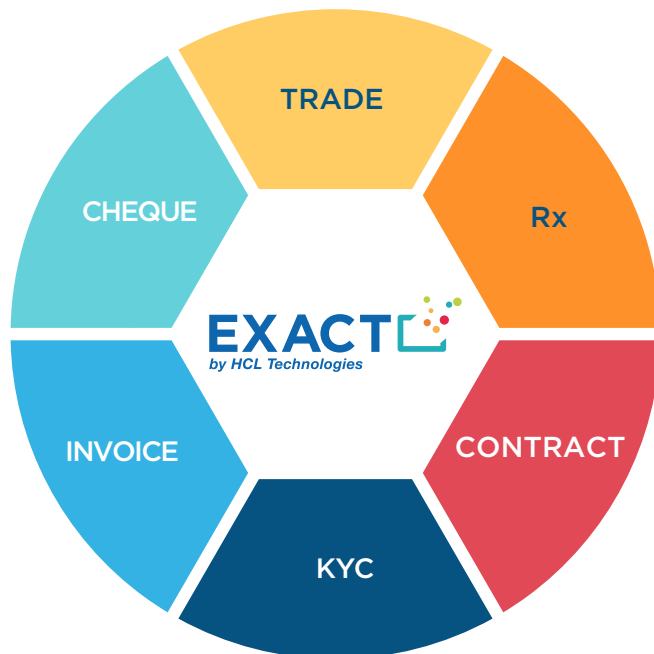


INTRODUCTION

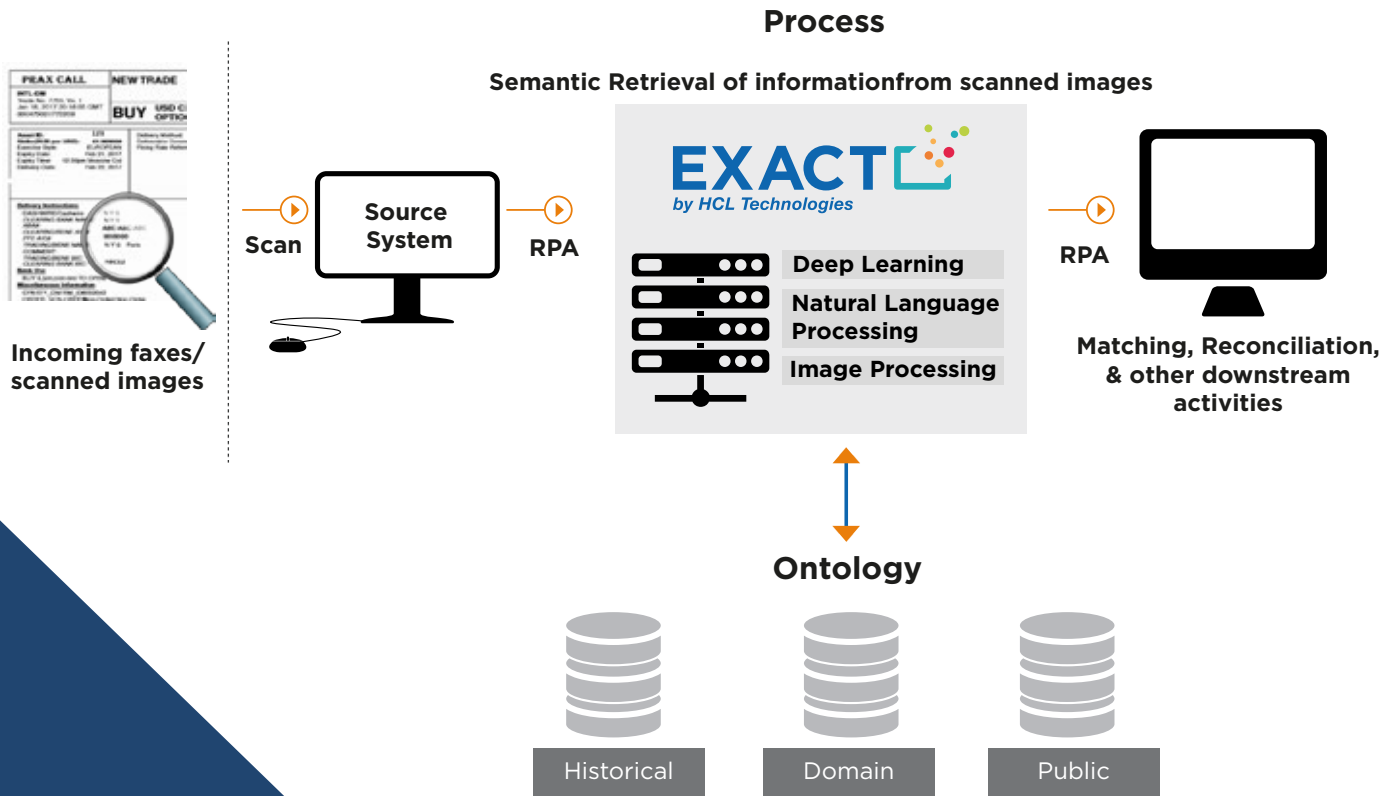
EXACTO is our domain-centric Machine Learning Solution based on next-gen **Autonomous Intelligence** technologies to automatically extract information from a variety of sources.



EXACTO is a cutting-edge Computer Vision and Machine Learning-based tool with rich domain ontology in the areas like trade processing, medical document triage, contract processing, invoice and cheque processing, and KYC.



Solution Design



WHAT'S UNIQUE



MULTI SOURCE DOCUMENT PROCESSING

Image processing and enhancement
electronic documents handwritten text
recognition unstructured data support
multilingual support



SELF LEARNING

Gets better with every new transaction/mistake
basis supervised and unsupervised learning
techniques



DOMAIN ONTOLOGY

Semantic engine for up to 99.99% information
extraction accuracy



ENHANCED ACCURACY

Processes document better than domain
experts



PROCESS TRANSFORMATION

Nonintrusive solution, seamlessly integrating with RPA, workflow, or APIs for
downstream process transformation



PATENTED SOLUTION

Developed after extensive R&D in collaboration with world's leading AI Academia

TRADE

Trade Process Automation for increased STP rates in Capital Markets

After a trade is confirmed, the custodian facilitates the comparison of trade between buyer and seller, and then carries out change of ownership and transfer of securities and cash. The input transaction document is in the form of fax for 25% of trades, which prevents STP. EXACTO | Trade can process these faxed trades with over 99% accuracy.

INVOICE

Invoice capture and processing in any format

Agility in serving customers and maintaining good relations with vendor partners is the prime need of business. However, paper-based invoices processing can severely increase your Accounts Payable cycle, thus looming dark on valuable business relationships. EXACTO | Invoice can automate data entry and validation of invoices and quickly route them for approval. Working 24/7 to speed up the Accounts Payable cycle.

KYC

Automated KYC for companies through web sources such as stock exchange websites, company web portals etc.

KYC is an unending process where any amount of data is not complete. The evidentiary sources are wide which makes gathering and keying KYC information into a workflow and then assessing the risk in time extremely challenging. EXACTO | KYC employs intelligent web crawlers which can scrape tons of data from secondary accessible websites in no time. The semantic analysis using NLP is done to enrich the evidentiary workflow and thus not only impact the TAT, but also reduce chances of oversight or negligence due to manual fatigue

RX

Automate handling of medical prescriptions both with Payers & Providers in Healthcare

The triage of medical equipment on the basis of prescriptions is highly time-sensitive, as these equipment are life-saving devices for the patients. But, the prescriptions are either printed or handwritten, and they are scanned while transferring for the order intake. These scanned prescriptions prevent automation. EXACTO | Rx can process these scanned prescriptions and speed up the order intake process for faster triage of life-saving medical devices.

CHEQUE

Automated cheque processing solution to improve productivity and allow for advanced customer services

Traditional technology has been in place for some time to read the details in the MICR line of a check. Newer technologies have evolved which have been deployed in some countries to enable the extraction of additional information like CAR (Courtesy Amount Recognition), and LAR (Legal Amount Recognition). However, for other fields like payee recognition, payor details, signature verification and additional data elements, processes continue to be manual, and time-consuming - limiting the ability of banks to offer services to clients keeping in mind both the evolving regulatory and customer needs. In addition, banks often need to limit their controls on a risk-based approach to meet the turnaround time for check clearing.

EXACTO | Cheque can assist in both improving controls, reducing risks, meet compliance requirements, and provide additional services by automating the extraction of information that is not otherwise possible today.

CONTRACT

Automated contract management to maximize performance of contract

Contract management across industries specifically vendor contracts in manufacturing of policy agreements, services agreements, loan agreements, purchase orders etc. are all printed, signed, and then scanned for future reference. However, referencing these documents always require manual effort. Exacto | Contract can read and understand the contracts to facilitate semantic search and retrieval of contract deliverables, obligations, important dates, etc. While at it, EXACTO | Contract also helps build your contract database for running analytical research, tracking version changes, etc. and increasing the transparency throughout the contract management value chain.

