

HCLTech iDoRAN™ Document Hyper Automation Framework

Uncover critical business
insights and enhance
operational efficiency



Empower your business with document automation

In today's fast-paced business landscape, where document-driven processes are ubiquitous, relying on manual document processing is becoming increasingly inefficient. With data reaching a saturation point, and organizations struggling to distinguish between valuable information and irrelevant noise, it has become imperative to implement document automation across various domains. Document automation streamlines the extraction, validation and enhancement of data from the documents, reducing manual efforts and enhancing precision. Furthermore, it empowers businesses to extract insights from unstructured data, boosting efficiency and enabling emphasis on value-added tasks, making it an ideal solution for all businesses.

Navigating document processing challenges

Manual data processing along with the challenge of extracting accurate insights from documents hinders operational efficiency. In the current scenario, firms are facing difficulties due to complex technical text, intricate details, and errors among other factors. Listed below are the challenges that need to be addressed to enhance operational proficiency-

01

Efficiency hurdles

Manual document processing impedes efficiency, with accuracy issues stemming from complex layouts, handwriting, and varied formats.

02

Engineering complexity

Scanning engineering documents is strenuous because of complex technical content, varying paper sizes, and poor image quality, consequently leading to errors.

03

Document comparison dilemma

Current comparison techniques result in inaccuracies, making it hard to identify changes and differences in scanned documents.

04

Invoice inefficiencies

Scanning manufacturing invoices is tedious and error-prone, particularly with handwritten content, and varying formats and templates

05

Brand guideline challenges

Updating and validating brand guidelines is time-consuming and is prone to inaccuracies.



Enhance, extract and enrich your workflow with iDoRAN

iDoRAN is a document automation solution that utilizes computer vision and text mining capabilities to uncover critical business insights. Our suite of digital components improves text and image quality, extract crucial data, and assists in automating tasks, saving time, enhancing customer experience and optimizing business processes. The components include-

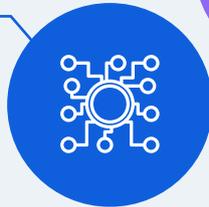
Digital enhancer

Enhance image corrector algorithms and improve the text/images ensuring better readability and extraction



Digital abstraction

Abstract business data from scanned documents (Contracts, RFPs, SOW) to focus on the most important information.



Digital extraction

Utilize proprietary HD OCR capability to extract images/text/tables from structured or unstructured documents/drawings in any source format.



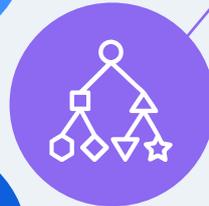
Data insights

Retrieve critical business insights from text/numerical/image data through predictive/ diagnostic/ prescriptive techniques.



Digital classification

Automatically process, group, and map extracted data to the destination formats and fields.



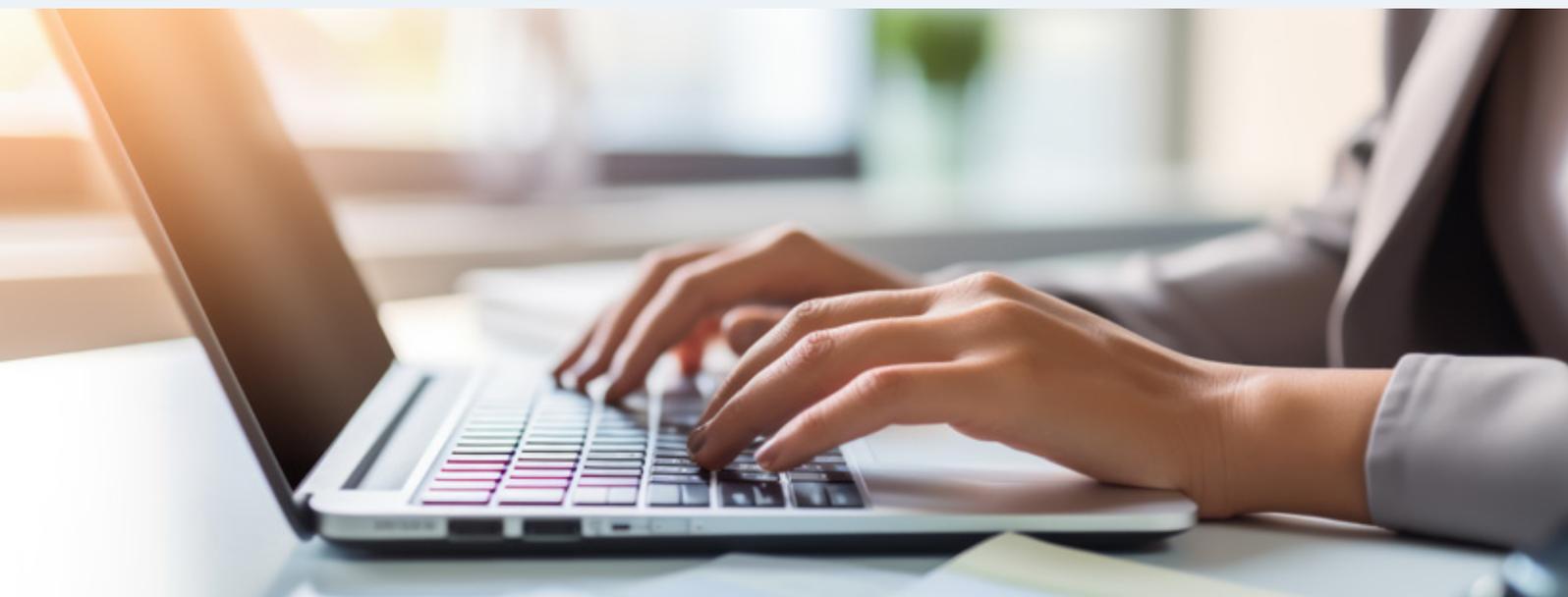
Optimizer

Develop programmable user interfaces for Quality Assurance (QA), Quality Check (QC), and dashboards.



Data enricher

Enrich, validate, normalize, and clean incorrect information using bots to increase informational value of business data.



Unlock efficiency with iDoRAN solutions

Elevate your document processing with iDoRAN solutions.

Invoice digitizer

- Format-independent
- Multi-language support

Legal contract extraction

- Handles MSA, SOW, Extension
- Parent child mapping

Engineering document digitization

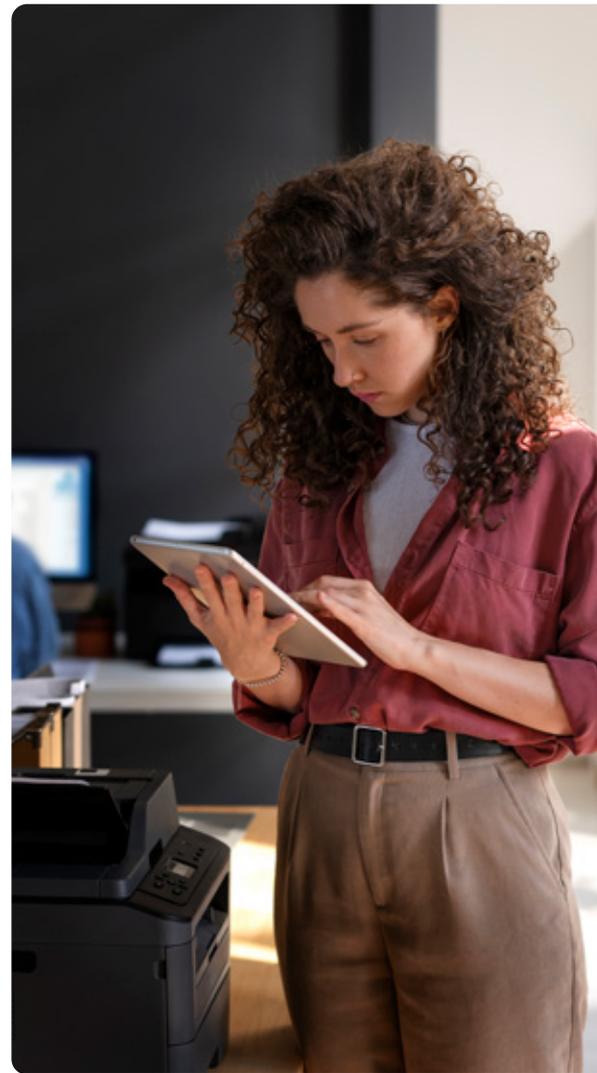
- Bubble drawings
- Bill of Materials (BOM)
- CAD comparisons

Document alteration detection

- Detects alterations
- Handles potential frauds

Insurance claim extraction

- Policy details
- Treatment/Accident details
- Due dates
- Amounts



Trust our proven expertise

95%
automated data
extraction with high
confidence

14000+
documents
rebranded with over
90% accuracy

80%
reduction in manual
data processing
effort with
automation

20 million
pages digitized
with 100% text
coverage

250,000
invoices analyzed
with \$2.5 M savings
recommended

Customer success stories



Delivered \$6M in quarterly savings through automated invoice data capture for a major North American manufacturing and energy conglomerate.



Implemented secure cloud workflow with auto image correction for a leading MedTech company, saving \$3M.



Implemented a framework for automating data entry and unstructured data extraction for a global automotive OEM resulting in savings of \$5.5M.

Discover the possibilities!

Explore the benefits of document automation and how it can revolutionize your business processes. Unlock greater efficiency, precision, and insights with our document automation solution. Talk to our experts at ers.info@hcl.com to maximize your business outcomes with iDoRAN Document Hyper Automation Framework.

HCLTech | Supercharging Progress™

HCLTech is a global technology company, home to more than 223,400 people across 60 countries, delivering industry-leading capabilities centered around digital, engineering, cloud and AI, powered by a broad portfolio of technology services and products. We work with clients across all major verticals, providing industry solutions for Financial Services, Manufacturing, Life Sciences and Healthcare, Technology and Services, Telecom and Media, Retail and CPG, and Public Services. Consolidated revenues as of 12 months ending June 2023 totaled \$12.8 billion. To learn how we can supercharge progress for you, visit hcltech.com.

hcltech.com

