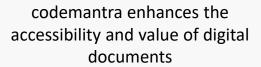


Executive Summary









Serving

CEO

COO

President

Directors



Products/Solutions

- Document Accessibility Compliance & Remediation
- Content Lifecycle Management
- Full-Service Content Production
- Intelligent Document Processing



More than

1M+

Documents

Processed



10M+ pages produced with impeccable quality



300+ Customers



Certifications & Accreditation



the process robustness and the quality management practices at codemantra

ISO 9001:2015 primarily reinforces







Benetech's Global Certified Accessible (GCA) Program. The GCA program is a formal process of evaluating a digital book to ensure it incorporates all of the accessible features

codemantra is a W3C Member that helps lead the development of Web standards

Report on Controls at a Service Organization Relevant to Security, Availability, Processing Integrity, Confidentiality or Privacy

Our Key Customers



Publishers













Education

















Government













Non-profits

















Finance/Banking



J.P.Morgan









Other













With codemantra we have been able to configure a platform that supports our workflow while capturing, consolidating and validating metadata in a logical sequence. Metadata is in a ready state when we need it.

International Monetary Fund





Accessibility Compliance & Remediation

A SaaS-based application with intelligent content and process automation, enabling rapid remediation through the consolidation of machine learning and human-assisted oversight.

Content Lifecycle Management

A SaaS-based Digital Asset Management application with intelligent content and process automation, enables consolidation of information and content across disparate silo sources, thereby providing visibility to business-critical information, across the product lifecycle in a single view.

Full-Service Content Production

A blend of technology, process automation, and human intelligence, codemantra's Full-Service Content Production expedites the process through automated workflows resulting in faster turnaround time, improved quality, and lower costs.

Intelligent Document Processing

The Intelligent Document Processing platform captures, classifies, extracts, and validates any digital document's data and transforms unstructured documents into digital assets, with minimal human intervention & increased productivity. This IDP platform synchronizes seamlessly with existing systems such as ERP, CRM, or any business application systems.



Content Lifecycle Management

Key Features



Communication Management

Streamlines the communication around the product lifecycle workflow. The multi-domain platform empowers better work focus and business efficiency.



Metadata & Content/Document Management

Content assets and associated metadata from multiple sources are housed in a single system to accelerate workflows and enhance collaboration.



Transformation & Packaging Management

With an intuitive business rule generator and a proactive monitoring system, the content platform achieves 100% error-free and secure distribution.



Engagement & Reconciliation Management

Sales reconciliation is conducted through continuous engagement with customer communities. The unified platform supports conversations and reviews and augments customer experience.

Products & Solutions



Content Lifecycle Management



codemantra uses a secure AI-powered platform that seamlessly integrates with the in-house systems and steers through the entire content lifecycle from creation to delivery with extreme flexibility, thereby unlocking significant operational efficiencies and providing daily insights for business growth and market traction.

Key Highlights

- codemantra's proprietary AI-powered platform is secure. It seamlessly integrates with the in-house systems
- It steers through the entire lifecycle from creation to delivery with extreme flexibility
- Significant operational efficiencies and daily insights for business growth and market traction
- Provides visibility to business-critical information, across the product lifecycle, in a single view

Products & Solutions



Full-Service Content Production

Key Features

Alt-text

codemantra experts can write apt and comprehensive descriptions for all graphical elements to aid assistive technology users.

Proofreading

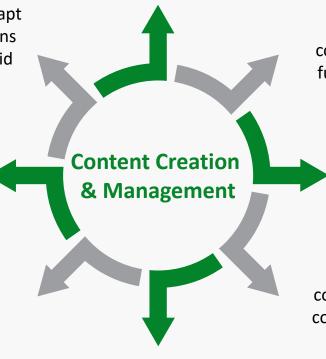
codemantra employs a team with specializations in various disciplines to read and improve the content thereby maintaining accuracy and consistency.

Indexing

Experts in compiling significant terms, key concepts, and ideas as an Index with respective page numbers.

Content Modelling

Responsible for structuring content, applying styles, making references and text consistent as per stylesheet.



Curriculum Creation

codemantra creates school and college-grade content by SMEs as per the syllabus for international schools and universities.

Project Management

codemantra experts in handling end-to-end, full service and partial project management services for top publishers worldwide.

Copy Editing

codemantra employ experts responsible for editing the text as per the requirement of the content or as designated by the publisher, thereby ensuring completeness and accuracy.

Content Writing

codemantra employ experts in crafting apt, comprehensive and all-inclusive content for ancillary products for core books.



Content Lifecycle Management

Case Study

codemantra helps an international academic publisher to achieve digital conversion of 1 million pages in 150 days

Client

Global leaders in publishing HSS & STEM content

- 7,000 new books and 2,600 journals every year
- **6,500 employees** working across the globe
- Ranked #1 in social science journals in the world

Requirement

1,000 books (about 250,000 pages) had to be published in print and online

Challenge

Backlist content had to be digitized fast inorder to take it to the market quickly, necessitating an innovative process



Solution

An AI-based automated data conversion tool was used that enabled digitizing **1 million pages within 3 months.** The entire backlist of titles was converted into various formats as required. Special requests such as unique design and font requirements for specific titles were accommodated.



Result

- The client achieved digitizing the backlist titles within the stipulated timeframe
- An accuracy level of 97.4% and customer delight were accomplished

We rely on Content Lifecycle Management from codemantra for the conversion and distribution of the Bank's publications. It is also an essential tool for our marketing team. Catalogs and new title sheets are generated, updated and distributed on demand

through CLM providing ongoing time and

cost savings."

Randi Park, Publishing Officer, The World Bank Group

Products & Solutions



Accessibility Compliance & Remediation

Key Features



Document accessibility audits

codemantra's platform provides actionable insight on the current level of document accessibility compliance



Consistent and efficient remediation

Remediation services driven by machine learning predictions consistently delivers PDF/UA and WCAG 2.1 compliant documents.

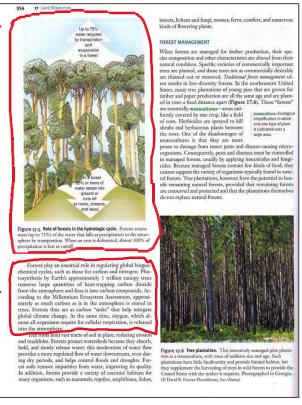


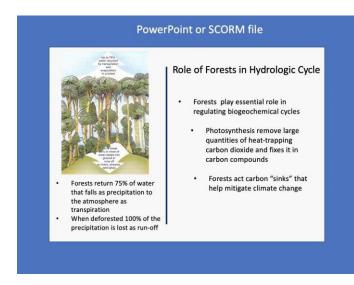
Scalable conformance validation

Instant cloud-based PDF/UA and WCAG 2.1 validation of PDF, DOCX, PPTX, XLSX, and EPUB formats.

Enabling Equitable Remote Learning











Mobile



Chromebook /iPad



PC/Mac



Slide

Slide



codemantra enables University of Westminster – London, to achieve 100% accessibility compliance.

Client

One of the oldest & top most among 15 International Universities in the World

- Operating since 1838
- **19,200** Students

Requirement

To meet the Public Sector Bodies
Accessibility Regulations, 2018 (PSBAR
https://www.legislation.gov.uk/uksi/20
18/852/contents/made), the University
of Westminster required around 1000
PDF documents to be made accessible.

Challenge

Complexity of the PDFs
PSBAR legislative deadline
(project start by Aug 2020 & reach the deadline by Sept 2020



Solution

The conversion process utilised codemantra's accessibilityInsightTM platform which automates up to 80% of the process of making documents accessible to WCAG and PDF/UA standards (document remediation). accessibilityInsightTM uses machine learning to classify and auto-tag document elements. A document data lake comprising millions of documents informs the machine learning process and ensures document classification and tagging accuracy to a very high level. These processes delivered short delivery times and pricing economy for Westminster.



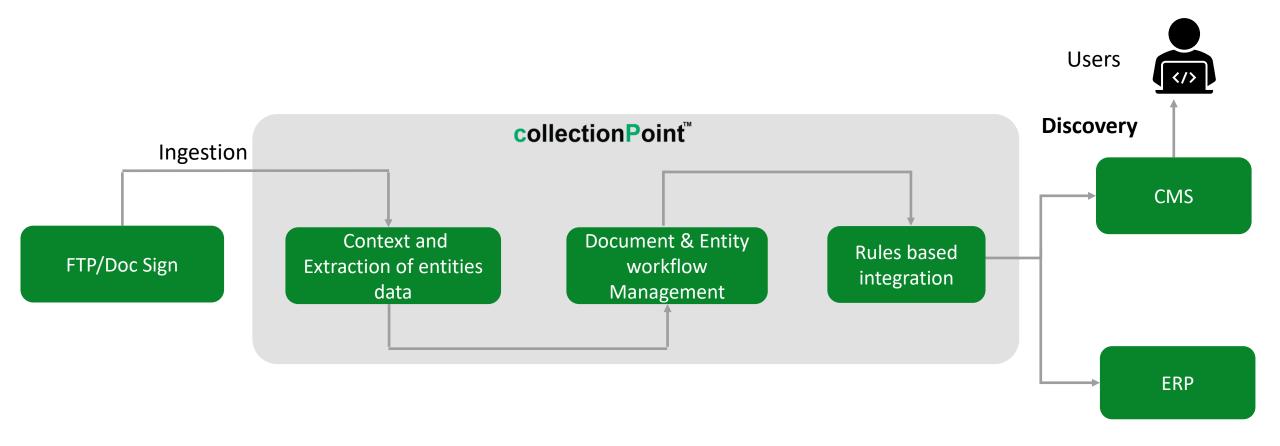
Result

- Meet the challenging legislative deadline with complete accessibility compliance
- The 12000 document pages were made accessible in 8 working days, 60% faster time



Need for Intelligent Document Processing

Discovering information from unstructured documents with no intelligence augmentation is a futile exercise. The reason; there is no context for machines to provide relevant results



Use Case of Intelligent Document Processing

A Global Financial Institution Achieves 30% Reduction in Client Onboarding Process Time



IMPACT



5x increase in processing speed



30% reduction in client onboarding time



90-95% highly sustainable accuracy



20% reduction in audit-related costs

© CHALLENGES

- Extract data of varying quality from various document formats such as PDFs, images, scans, etc., that cannot be processed by traditional RPA models
- Fragmented processes such as sales, onboarding, credit, legal, etc.; timeconsuming manual tasks; and disconnected networks contribute to a highly inefficient process
- Achieve compliance with frequently changing complex, regulation guidelines

SOLUTION

- Intelligent Document Processing platform uses advanced AI to extract data
- Large-scale implementation of seamless integration between AI and global business enterprises with minimal disruption to ongoing operations
- Cloud and on-premise solutions designed to maximize efficiency and ensure protection of customer data and privacy
- Domain expertise to understand and automate regulatory compliance processes

A Leading European Bank Achieves Automation of Import Bill Collection Documents



IMPACT



6x improved productivity with processing time reduced from **30 min to 5 min**



500 documents processed per day



Obtained **100% accuracy** with elimination of manual errors



Achieved **80%** automation overall



- Extensive process that involves the examination and validation of various types of documents related to trade finance, received from multiple banks
- Capture data from various unstructured documents related to import collection such as letter of credit, invoices, certificate of origin, etc.



- Intelligent Document Processing platform scans, reads, deciphers, and captures the information fields such as currency amount, LC number in the unstructured documents
- Auto-validates data such as date of shipment, amount of invoice, etc.
- The validated data is captured, rechecked for mismatch before sending for final payment

Confidential & Restricted

A leading US-based Bank achieves auto-classification and consolidation of mortgage documents within two weeks



IMPACT



35M documents classified and indexed into **275** categories



Mortgage documents were classified within **42 days**, with an accuracy of **87 percent**



Search and retrieval time of documents reduced from **48 hours** per mortgage to minutes



150 man-hours per month were saved.



- Digitize over **1.8M** unstructured mortgage documents comprising **35M+** pages
- Improve the search and retrieval of documents through auto-analysis, auto-indexing, and auto-classification into **275** categories
- Auto-process documents available across formats such as paper, scanned and pre-scanned versions

🕮 SOLUTION

- IDP platform captures and converts the data in unstructured documents into digital assets
- Documents are auto-analyzed in a context-sensitive environment and key fields are extracted
- Document is indexed using key fields and digital assets are auto-classified into 275
 predefined categories
- Classified documents are then auto-transferred to the document management system

Confidential & Restricted 17

THANK YOU





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