Intelligent Document Processing Market to Hit $7.4 Bn by 2031, Driven by AI Automation Growth

The Intelligent Document Processing Market grows as AI and automation transform data extraction, accuracy, and decision-making processes

WILMINGTON, DE, UNITED STATES, November 4, 2025 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, Intelligent Document Processing Market Size, Share, Competitive Landscape and Trend Analysis Report, by Component (Solution, Services), by Organization Size (SMEs, Large Enterprises), by Deployment Model (Cloud, On Premise), by Technology (Natural Language Processing, Optical Character Recognition, Machine Learning, Artificial Intelligence, Others), by End Use Vertical (BFSI, Government, Healthcare, Retail, Manufacturing, Others): Global Opportunity Analysis and Industry Forecast, 2021 - 2031, The global intelligent document processing market was valued at USD 1.1 billion in 2021, and is projected to reach USD 7.4 billion by 2031, growing at a CAGR of 21.7% from 2022 to 2031.

The Intelligent Document Processing (IDP) Market is witnessing significant growth as enterprises increasingly adopt AI-driven automation to handle vast volumes of unstructured data. IDP combines machine learning (ML), natural language processing (NLP), and optical character recognition (OCR) to extract, interpret, and manage data from complex documents, enhancing operational efficiency and accuracy.

The rising need to automate document-centric workflows across industries such as banking, insurance, healthcare, and government is driving market expansion. Organizations are leveraging IDP to streamline document processing, reduce manual effort, and achieve faster turnaround times. With digital transformation initiatives accelerating globally, the IDP market is poised for continued robust growth.

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The primary driver of the IDP market is the increasing demand for automation in document-heavy industries. Businesses are focusing on reducing human error and labor costs by deploying AI-enabled tools that improve document accuracy and accelerate data handling processes. This shift is also driven by the growing need to enhance customer experience through faster response times and accurate data management.

Another major factor fueling market growth is the integration of IDP with existing enterprise systems such as ERP and CRM platforms. Such integrations enable seamless data flow, better analytics, and improved decision-making capabilities, making IDP an essential part of modern enterprise digital ecosystems.

However, challenges such as data security concerns, high implementation costs, and the complexity of integrating IDP with legacy systems hinder widespread adoption. Organizations often face barriers related to compliance, data privacy, and the need for skilled personnel to manage advanced AI systems.

On the opportunity front, the rise of cloud-based IDP solutions presents new growth avenues for small and medium-sized enterprises (SMEs). Cloud deployment reduces upfront costs and enables scalability, making advanced document processing capabilities accessible to a broader range of users.

Furthermore, advancements in AI, deep learning, and computer vision technologies are expected to enhance IDP capabilities, improving accuracy in multilingual and multi-format document processing. Vendors focusing on innovation and strategic partnerships will likely gain a competitive edge in this rapidly evolving market.

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According to intelligent document processing market research, the natural language processing and machine learning segments collectively accounted for around 55.75% market share in 2021, with the former constituting around 36.43% share. The machine learning and natural language processing segments are expected to witness considerable CAGRs of 24.7% and 22.8%, respectively, during the forecast period. The cumulative share of these two segments was 55.75% in 2021 and is anticipated to reach 64.69% by 2031.

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The Intelligent Document Processing Market is segmented by component, deployment mode, organization size, technology, and industry vertical. Solutions such as OCR, NLP, and machine learning dominate the market, while cloud-based deployment models are gaining traction due to flexibility and cost efficiency. Large enterprises currently hold the major share, but SMEs are rapidly adopting IDP to enhance workflow automation in sectors like BFSI, healthcare, and retail.

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Region-wise, North America holds a significant share in the global intelligent document processing market, owing to the presence of prime players in this region. The adoption of natural language processing (NLP), optical character recognition (OCR), and machine learning (ML) is expected to propel the growth of the intelligent document processing industry in this

region. Moreover, the surge in awareness of organizing unstructured data into structured documents in North America is anticipated to drive the intelligent document processing market trends in this region.

Asia-Pacific is expected to witness the fastest growth during the forecast period, fueled by rapid digitization, growing adoption of cloud-based solutions, and increasing government initiatives supporting AI integration. Emerging economies such as India, China, and Singapore are driving adoption as enterprises seek to improve efficiency and competitiveness through intelligent automation.

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The key players profiled in the report include ABBYY Solutions Ltd., Datamatics Technologies Ltd., Deloitte Touche Tohmatsu Limited, HCL Technologies Limited, Hyland Software, Inc., Infrrd Inc., International Business Machines Corporation, Kodak Alaris (Eastman Kodak Company), Kofax Inc., WorkFusion, Inc. Market players have adopted various strategies, such as product launch, collaboration & partnership, joint venture, and acquisition, to expand their foothold in the intelligent document processing market.

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- On the basis of components, the solution segment was the highest revenue contributor to the market, with $745.91 million in 2021. However, the services segment is estimated to reach $2,094.99 million by 2031, at a significant CAGR of 20.4% during the forecast period for Intelligent Document Processing Market Growth
- On the basis of organization size, the large enterprise's segment was the highest revenue contributor to the market, with $823.07 million in 2021, The SMEs segment is estimated to reach $1,493.53 million by 2031, at a significant CAGR of 19.4% during the forecast period.
- On the basis of deployment, the cloud segment exhibits dominating shares in this market. However, on-premises is expected to grow with impressive CAGR as per Intelligent Document Processing Market Forecast.
- On the basis of region, North America is expected to prevail in its dominance during the forecast period.
- The report provides a quantitative analysis of the global competitive landscape of Intelligent Document Processing Industry along with Intelligent Document Processing Market Share analysis to understand the market structure and analyze behavior of key players.

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