Intelligent multichannel forms processing
Autonomy TeleForm

In today’s fast-paced business environment, it’s important to be able to streamline critical business processes to improve client service, drive cost reduction and ensure compliance with policies. Nowhere is this challenge greater than for the wide range of document-driven processes that service the needs of customers, suppliers, and employees. Until documents are captured and their content is understood, the organization is unable to take action.

Autonomy TeleForm automatically captures, classifies, and extracts information from paper and electronic documents using powerful recognition technologies and creating accurate process-ready content in real time. By eliminating time-consuming manual document sorting and data entry, Autonomy TeleForm streamlines document-driven business processes and delivers a significant and rapid return on investment.

Autonomy TeleForm provides a single platform for capturing all documents at the point they are received by the organization, across different departments, businesses, and geographies. This unified approach to document capture improves business operations across the enterprise through process acceleration, cost reduction, lower compliance risk, enforced process consistency, and increased information security.

Capture and understand information from multiple channels

When information is locked away in paper and electronic documents, it is virtually invisible to an organization. Not only does this represent a large, unquantifiable risk, it also blocks your ability to leverage a rich source of business information. Autonomy TeleForm solves this problem by capturing documents, understanding the important information they contain, and placing them into a secure electronic repository so they can be managed correctly and fully exploited to benefit your business.

Autonomy TeleForm is a multichannel solution for capturing information from documents received via mail, fax, email, the Internet, and mobile devices. Using advanced recognition and pattern-matching technologies, TeleForm understands structured documents such as application forms, semi-structured documents such as invoices and sales orders, and unstructured documents such as letters and contracts. This unrivalled flexibility has enabled thousands of TeleForm users worldwide to fully leverage the benefits of automation across the enterprise.

Integrate information, people and processes

In the modern enterprise, information and processes are pervasive, and the effectiveness and quality of their management directly impacts the success of the business. Because of this, enterprises are increasingly turning to integrated Business Process Management (BPM) and Enterprise Content Management (ECM) solutions to orchestrate the flow of information and tasks between workers and computers to complete a business process.

TeleForm integrates with the Autonomy Process Automation and Autonomy WorkSite to provide you with a seamless platform for automating your business processes. You can fully leverage all information sources—paper, electronic, structured and unstructured content—to guide and automate decision making and optimize business outcomes.
Intelligent capture, powered by IDOL

TeleForm leverages HP Autonomy’s unique meaning-based computing platform, the Intelligent Data Operating Layer (IDOL), to classify and extract information from documents in real time. IDOL allows you to form a conceptual understanding of virtually all your information, structured and unstructured, both inside and outside the enterprise. IDOL uses patented probabilistic algorithms to automatically recognize concepts and ideas expressed in information.

IDOL’s ability to understand content in any language gives Autonomy TeleForm the power to capture, classify, and extract information from any paper or electronic document regardless of its origin or type. With the next generation capture capabilities provided by TeleForm, organizations can succeed in a more unstructured and distributed world where traditional computing technologies are no longer able to keep pace.

Intelligent Document Classification (IDC)

Autonomy TeleForm’s IDC technology automates high-volume document classification, removing the need for time-consuming, error-prone manual document sorting. TeleForm leverages IDOL to understand the important concepts contained in even the most complex documents, enabling the generation of taxonomies and automatic categorization without the need to identify keywords.

By augmenting IDOL technology with more traditional approaches to classification, such as cornerstone detection, barcode reading, keyword identification and layout detection, TeleForm IDC ensures that all documents are classified with the highest accuracy, allowing the benefits of automation to be leveraged in individual departments or across the entire enterprise via a centralized digital mailroom.

Intelligent Document Recognition (IDR)

TeleForm IDR technology automatically extracts index information from any document without human intervention, regardless of its layout. Leveraging the power of IDOL and a range of supporting rules-based technologies, Autonomy IDR is able to automatically identify the precise nature of any document and extract individual fields, multiple lines, or entire tables of information.

TeleForm IDR automatically locates information buried within a document using advanced pattern-matching techniques. IDR is vital for extraction of semi-structured documents like invoices and sales orders, and unstructured documents like letters and contracts, since the variation in layout makes pre-defining the location of the required information impractical or impossible.
Optimized for scale and accuracy

Autonomy TeleForm is purpose-built for high volume, enterprise applications where scalability, accuracy, security, and compliance are critical to the business. Whether automating your document-driven processes in a single department or across your entire enterprise, HP Autonomy is the only company to provide a complete suite of capabilities for capturing and understanding all content.

When document-driven processes are originated at remote locations such as branch office or in the field, TeleForm enables you to capture documents at the point they are received using remote capture via FTP and the Internet. This is a vital capability in the modern business environment, where speed is of the essence and delays caused by physical shipping of documents can negatively impact customer service.

At every stage of the capture process, TeleForm validates extracted information to ensure that all content is fully authenticated and accurate before it is delivered into business processes and repositories, reducing downstream processing exceptions. TeleForm provides the flexibility to create complex business rules and logic to implement checksum algorithms, perform cross-field validation, and to verify information against external data sources.

About HP Autonomy

HP Autonomy is a global leader in software that processes human information, or unstructured data, including social media, email, video, audio, text and web pages, etc. Autonomy’s powerful management and analytic tools for structured information together with its ability to extract meaning in real time from all forms of information, regardless of format, is a powerful tool for companies seeking to get the most out of their data. Autonomy’s product portfolio helps power companies through enterprise search analytics, business process management and OEM operations. Autonomy also offers information governance solutions in areas such as eDiscovery, content management and compliance, as well as marketing solutions that help companies grow revenue, such as web content management, online marketing optimization and rich media management.

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