In the modern enterprise, information and processes are pervasive, and the effectiveness and quality of their management directly impacts the success of your business. For this reason, enterprises are increasingly turning to 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. These solutions formalize business processes to make them consistent and auditable, resulting in more reliable outcomes, fewer errors, and reduced compliance risk.

The ability to capture and understand the information required by a process and use it to support, or even automate, decision-making is key to the success of BPM in delivering business benefits. All organizations have a common challenge, which is a heavy dependence on human interaction and unstructured information such as emails, documents, voice, paper, and video. However, traditional computing technology only understands structured information, which accounts for approximately 15 percent of enterprise information. The remaining 85 percent of information is unstructured and must be manually pre-processed at great cost to make it usable. Sometimes it must even be excluded from the process entirely.

Autonomy Process Automation (APA), from HP Autonomy, is the only BPM solution that embraces the unstructured and human element of business process, providing workers with all of the information required to make sound business decisions. APA fully leverages all information sources, structured and unstructured, and all human capital to guide and automate decision making within processes to optimize business outcomes. APA turns business processes into strategic assets that enhance competitive advantage.

“BPM ... emerged as one of the heroes during the (recent economic) downturn, helping enterprises boost productivity and gain efficiency and greater control over key operational processes.”

— The Forrester Wave™: Business Process Management Suites, Q3 2010

 Truly intelligent business process automation

By automating the capture, retrieval, and understanding of information required to complete a business process, Autonomy Process Automation simultaneously increases revenue and decreases costs to maximize profitability. Because Autonomy understands the conceptual meaning of the information involved in a process, it adjusts the workflow dynamically, responding to business needs in real time.

 Meaning-based process automation

With unique meaning-based technology, powered HP Autonomy’s Intelligent Data Operating Layer (IDOL), Autonomy Process Automation provides a single processing layer that allows organizations to form a conceptual understanding of 100 percent of information, both inside and outside the enterprise. IDOL uses patented probabilistic algorithms to automatically recognize concepts and ideas expressed in virtually all forms of information.
IDOL’s ability to index over 1,000+ file types, 400+ data sources, and content in over 150 languages equips Autonomy Process Automation with the power to leverage and understand information regardless of its origin. With next-generation process automation capabilities, you can succeed in a more unstructured and distributed world where traditional technologies are no longer able to keep pace.

A single platform for automating all processes

Modern organizations operate a vast range of processes to service customers, suppliers and employees. Many are mission critical, and all impact the success of the business. Autonomy Process Automation allows organizations to leverage the benefits of automation across all workflows and all information types and allows access to tasks and information at any time and from anywhere.

Advanced process modeling

Autonomy Process Automation incorporates a comprehensive, graphical workflow modeling and simulation environment that allows you to define processes involving enterprise-wide information, as well as human and automated tasks. These processes are orchestrated in APA’s fully scalable process engine.

Powered by intuitive drag-and-drop interfaces, APA accelerates the design and execution of structured processes for unique business requirements and regulatory compliance needs. No programming expertise is required. Designers can view and manipulate processes as they are creating them and simulate execution off line.

Using Autonomy IDOL, Autonomy Process Automation can adjust processes automatically and dynamically to improve business performance.

Streamline your use of electronic forms

Autonomy Process Automation provides a web-based solution for creating and deploying electronic forms and automatically managing the routing, tracking, and approval processes. With APA eForms, you can quickly put your forms online and present them to internal and external users.

Autonomy Process Automation eForms ensures the rapid deployment of eForms through an intuitive point-and-click Form Designer, making it easy to create new forms and add intelligence to existing forms. Integration with Autonomy ECM and third-party ECM repositories provides an archive repository for completed forms.

Leverage monitoring and management analytics

Autonomy Process Automation Analytics includes comprehensive monitoring and management features that provide visibility into business processes to help you enforce compliance across the enterprise. With the ability to identify bottlenecks, audit usage, analyze processes, and handle exceptions, APA lets managers make real-time improvements to processes that drive your business.

The ability to leverage world-leading enterprise search technology, Autonomy IDOL, gives you real-time access to all process-relevant information, yielding deep visibility into trends. This allows you to ask and answer business questions about in-flight processes and to make better decisions within the context of all relevant information, whether structured or unstructured.
Customer solutions

- **Government** - Tax forms, vehicle registration, business licenses, benefits forms
- **Healthcare** - Patient enrollment, insurance claims, prescription orders
- **Financial Services** - Loan applications, credit reports, new account opening
- **Manufacturing** - Service requests, job orders, change control
- **Education** - Admission applications, financial aid, student transfers, grants
- **Human Resources** - Employee self-service, employee on-boarding, personnel and policy forms
- **Accounting** - Accounts payable, sales order processing, purchase requisitions
- **Marketing** - Sales lead processing, customer surveys
- **Production** - Work orders, change management
- **Sales** - Sales forecasting, business reports, sales order processing
- **Support/QA** - Bug reports, feature requests, customer feedback
- **Legal** - Case management, client on-boarding, contract management

Track processes and connect people for audit and security
Autonomy Process Automation securely connects all people across the enterprise and geographies with information and processes, whether inside or outside the enterprise firewall. Comprehensive tracking and auditing capabilities log user and administrative activities and present them in an easy to use management console, enabling organizations to meet compliance mandates.

Mobile process automation
Autonomy Process Automation Mobile revolutionizes how people influence in-flight business processes and real-time data using mobile devices. APA Mobile enables decision-makers to access, review, digitally sign, and approve steps in pivotal business processes from just about anywhere in a manner that is secure, auditable, and compliant.

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.

Please visit autonomy.com to find out more.