

Portal-in-a-Box™



Overview

Just as Web portals have transformed the way consumers access Internet content, shopping, and services, Corporate portals promise to revolutionise access for Enterprise. By providing a single entry-point to the wealth of information, resources, and expertise within an organization, Corporate portals guarantee the high level of productivity, efficiency and cost savings on which E-Business success depends.

The promise of Web and Enterprise portals is that of a single application that can negotiate between who you are and what you need to know. The fundamental failing of portal implementations is that the processes required to make them work are all manual. They require editors to categorize, link and alert users to new content, and require users to explicitly state what they think they need to know through on-line forms and pick lists. As the volume of content swells and user populations explode, this simply will not work. Your portal needs to provide significant scalability and a highly personalized user experience and it needs to do both automatically.

The Solution

Autonomy Portal-in-a-Box™ delivers the most comprehensive and automated Information Portal for both inside and outside the firewall in one easy to use package. Based on Autonomy's unique pattern-recognition technology that automatically analyzes information based on its content, Autonomy Portal-in-a-Box™ is the only portal solution able to automate the most critical processes including categorization, personalization, hypertext link management, and highly personalized information delivery.

Comprehensive and fully automated Information Portal Infrastructure for content-rich Internet and Intranet sites

Industry

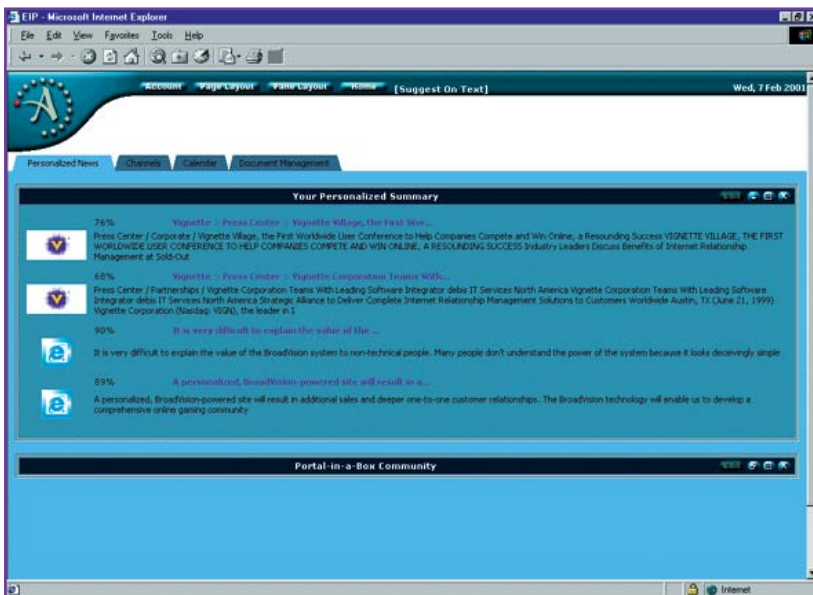
All verticals

Type of application

Knowledge Management
Enterprise Portals
Internet Portals
E-Business

Standard Functionality

Automated content aggregation
Hierarchical Categories
Automatic Hyperlinking
Automatic Contextual Summarization
Retrieval
"More Like This" feature
Automatic User Profiling
Personalization
Agents
Alerting via Email
Community and Collaboration
Information Delivery
Fully Customizable Interface
Pane (Plug-in) based Architecture



Automated and personalized portal

Features and Benefits

Autonomy's Portal-in-a-Box™ is an automated portal solution that allows companies to easily create and maintain information portal sites and provide advanced personalized features.

Automated Content Aggregation and Management

- Leverage content from any information source, structured or unstructured to save processing costs
- Leverage existing infrastructure and can be integrated with any system in place
- Full support for existing security models and systems in major repositories

Intelligent Navigation and Presentation

Reducing management and maintaining costs as well as providing users with an easy to navigate interface and personalized content:

Hierarchical Categories

Directories populated automatically, enabling companies to easily maintain the kind of category structure that makes portals easy to navigate.

Autonomy can provide:

- 7000 pre-defined web channels
- 500 pre-defined news channels
- Channels are populated automatically with new documents, without manual intervention or pre-tagging.

Automatic Hyperlinking

Automatically generates dynamic hypertext links to content

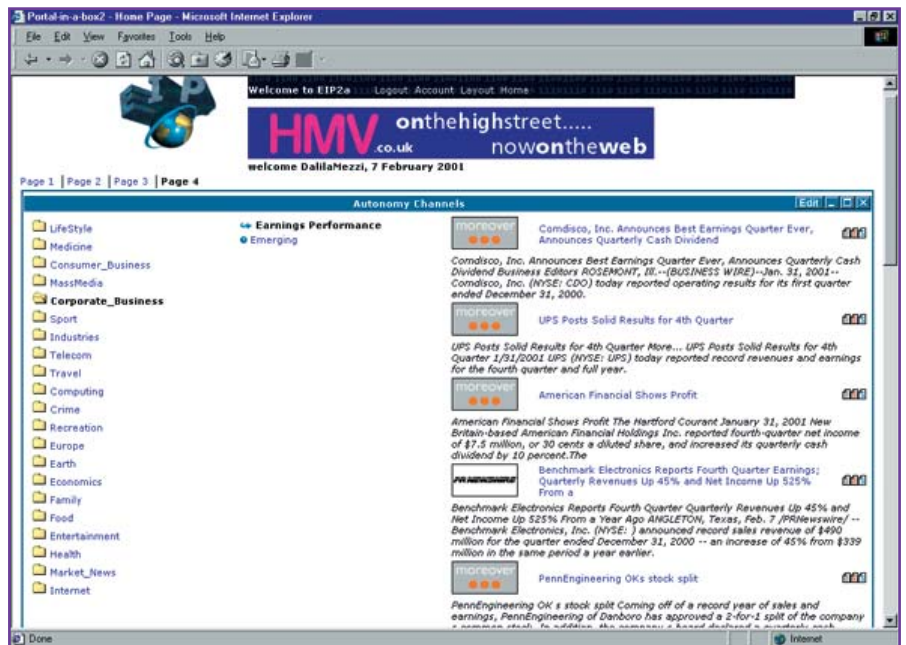
- Automatic related content display, live and in real-time.

Automatic summarization

- Automatically generates conceptual and contextual summary.

Retrieval

- Allows users to find what they need quickly, using full natural language, conceptual or keyword search
- "More Like This" feature
- Intuitive refinement by example



Channels populated automatically



Community feature: bring together users with similar interests



Customization of the interface by the user

Personalization

Automatic User Profiling

Automatically builds user profiles based on their browsing and content consumption. Eliminate production costs while enhancing the user experience without forms, questionnaires or privacy concerns.

Personalized splash pages

Automatic content recommendations based on users' profiles.

Agents

Monitors a customer-configurable list of Internet and Intranet sites, as well as newsfeeds, chat streams and internal repositories.

- The interest is submitted by the user in plain language
- Automatically creates a personalized report or newspaper, informing individual users of developments that are relevant to their specific roles and interests
- Automatic alerting to new content based on user's interests via email.

Community and Collaboration

Creates virtual communities by matching users' interest profiles, allowing users with similar interests to find each other.

Information Delivery

Automatic delivery of personalized information using any type of delivery mechanism.

Interface

Interface customization

Leverage a consistent look and feel while delivering an ideal user environment

- User customizable through user selectable panes (plug-ins)
- Communication between user interface and backend component using ActiveX or JSP/EJB
- Easily customizable HTML, ASP, or JSP templates
- Compatible with all common browsers.

User Access

- Single sign-on against LDAP compliant, Notes, NT, Novell, UNIX, Exchange or built-in user directories.

Internationalization/Globalization

- Language independent technology supporting over 20 languages, including Arabic, Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Icelandic, Italian, Malay, Norwegian, Polish, Russian, Slovak, Spanish, Swedish, Thai, and double bytes languages such as Chinese, Japanese and Korean
- Cross-link to and from content in any language.

Technical Information
Version 1.0 and 2.0 Platforms supported
Microsoft Windows NT Microsoft Windows 2000 IIS Web server
Minimum System Requirements
Dual 500 MHz Pentium processor III 512 MB RAM 4 GB hard disk recommended
Version 3.0 Platforms supported
Microsoft Windows NT Microsoft Windows 2000 SUN Solaris LINUX HP-UX Any other POSIX compliant of UNIX on request
Java Servlet Engine/Application Server Standard Web Server
Minimum System Requirements
256 MB of RAM 4 GB hard disk recommended
Content aggregated
Through Autonomy Content Infrastructure™ (ACI™) technology: <ul style="list-style-type: none"> Standard Formats <ul style="list-style-type: none"> HTML, SGML, Text files, XML, binary delimited Optional <ul style="list-style-type: none"> Additional filters for over 200 data formats, including PDFs, Office documents, Flash files, etc⁽¹⁾ Repositories: Documentum, FileNET, LotusNotes, Microsoft Exchange, NNTP servers, ODBC, Oracle, POP3, etc Audio
Extensibility
<ul style="list-style-type: none"> Navigation <ul style="list-style-type: none"> Categorizer, XML Tagging, Visualizer, Navigator, Personalization <ul style="list-style-type: none"> Targeted Advertising & Promotions Alerting features <ul style="list-style-type: none"> Unified Messaging, POP3, i-WAP™, i-mode Active Services <ul style="list-style-type: none"> ActiveKnowledge™, Kenjin™

⁽¹⁾ Please refer to Autonomy Import Technical Brief for a full list of supported formats

⁽²⁾ Please refer to Autonomy's website, www.autonomy.com, for the most up-to-date list of Panes

Extensibility

Extend your portal with a host of additional products to provide enhanced functionality

- Support for Wireless protocols (WAP)** module for Mobile user access - i-WAP™ with support for Wireless protocols such as WAP and NTT DoCoMo's i-mode for Mobile user access - Autonomy i-WAP™ and module for i-mode
- Automatic Alerting** to new content based on user's interests via SMS and SMTP (email)
- Automatic Categorization:** Automatically categorizes documents. All that is required is to identify examples of documents within specified categories. Autonomy Categorizer will determine how and where new documents will best fit and then categorize them accordingly. All of this is done automatically and in real time. Users can navigate through the portal's hierarchical category structure, viewing results of particular interest
- Automatic Extensible Markup Language (XML) tagging:** automatically adds the requisite XML tags
- Navigator:** intelligent category management and retrieval system. Users can navigate through its hierarchical category structure, query within specific category areas, and find categories based on their conceptual definition
- Visualizer:** a JAVA Applet that allows users to graphically navigate through the information domain contained in the portal
- Active Services:** a plug-in module such as ActiveKnowledge™ or Kenjin™ that conducts real-time analysis of the context of the current user task in open window from any Windows desktop application (email, Office documents). It provides automatic hypertext links to related information, including news, web content, enterprise knowledge, online discussion boards, etc
- Automatic Targeted Advertising:** automatically personalizes advertising or announcements to users' profile
- Distributed Search:** distributes all Autonomy navigation and personalization features across multiple indices or load balance to allow linear scaling of a portal, seamlessly and automatically
- Fully integrated** with other Autonomy products and partners' solutions for a fully automated E-Business

Portal-in-a-Box™ version 2.0 and 3.0

Portal-in-a-Box™ version 2.0 (ASP based) and 3.0 (JSP based) provide an extensive customization of look and feel for user interface:

- User-configurable display and retrieval options
- Intuitive 'Panels' metaphor (window within the web page displaying a particular feature)
- General background color/image control
- Button scheme selection: choose from a number of button schemes.

Pre-configured Pane List⁽²⁾

- Search** – Natural language querying
- Agents** – Users personalize the portal according to their interests
- Community** – Bring together users with similar interests
- Expertise Finder** – Enable employees to find experts within the organization. Because users' profiles are built automatically, they always reflect the most current focus and expertise of every individual without requiring any effort on their part. This allows other employees to locate people with specific knowledge and expertise more effectively
- Similar People** – List of similar people based on their explicit and implicit profile
- Personalized News** – Dynamic update of information relevant for individual users
- Hierarchical Categories** – Channels with 2-tier hierarchy
- Content Authoring** – author text into a specified Autonomy Server™
- Bookmark** – store a list of favorite web links
- Whiteboard** – message board
- Web page** – view another URL within the Pane (IE4+ compatible only)
- Calendar.**

Autonomy Inc.
 301 Howard Street,
 San Francisco, CA 94105
 Tel: 415 243 9955
 Fax: 415 243 9984
 Email: info@us.autonomy.com

Autonomy Systems Ltd
 Cambridge Business Park,
 Cowley Rd, Cambridge CB4 0WZ, UK
 Tel: +44 (0) 1223 448 000
 Fax: +44 (0) 1223 448 001
 Email: autonomy@autonomy.com

Other Offices
 Autonomy has additional offices in Atlanta, Boston and New York, as well as in Amsterdam, Brussels, Copenhagen, Frankfurt, Geneva, Hamburg, Madrid, Milan, Munich, Paris, Oslo, Sao Paulo, Singapore, Stockholm, and Sydney.

www.autonomy.com

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