



**The True Internet based
E-Commerce Management System
for Agencies**

EBIX ASP
Version 4.00.000

New Users
Click Here

WELCOME
MICHEAL
ENTER
Logout

Contact Us
Sales : 1-800-433-5744 x2038
Support : 1-800-633-5744/option 4
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Recommendations
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About ebixASP.com

DEMO

New Real-Time Interface Demo

RTI Participating Carriers
Updated on 17th Apr 2006

RTI & Download savings calculator

Real Time Interface Demo

Insurance Directory

- Information on Insurance Companies
- Insurance Carriers Listing
- Publications
- Online Insurance News

Education

- Ebix TV
- Resources & Associations

Associations

- 2007 Ebix Users Conference
- AAIU Users Group
- Industry Associations
- Agent/Broker Associations

Other Tools

- Vendors/Services
- Ebix Research
- AM Best Rating & Analysis Search
- S & P Ratings
- Disaster & Safety
- Claims & Legal



- o Task Management
- o Contact Management
- o Client & Policy Management
- o ACORD Forms
- o Accounting
- o Management & Financial Reporting
- o Claims Handling & Reporting
- o RTI - Real Time Interface
- o Carrier Download Including Invoicing & Statements

An on-line demonstration is available at
www.ebixasp.com

To arrange for a full demonstration or for further information, please do not hesitate to contact our Sales Department At:

800-433-5744 x2038 or jlaron@ebix.com

For information on Ebix, Inc. please visit
www.ebix.com

System Highlights

EbixASP is an Agency/Brokerage Management System that provides a comprehensive set of insurance-specific automation solutions for independent agencies, brokerages, managing general agencies, insurance wholesalers, and excess/surplus lines brokers.

EbixASP is the first true Internet insurance management system to leverage the benefits of application service provider (asp) technology & .NET.

EbixASP is new development, written in the current millennium to take advantage of the promise of the Internet and using all the knowledge gained in our company's 29 years in the insurance automation industry!

EbixASP Agency Management System comes complete as a turn key system.

Hosted by Ebix, Inc.

- Provides an easy-to-use browser interface, and utilizes offsite storage and maintenance. The result is the insurance processing capability you require, operating on a system providing performance with minimal hardware requirements and agency technological expertise.
- Finally, you can go back to the business of insurance and leave the computer worries to us.
- Allows you to have access to your data anytime and to work from you office, home, client site or any computer with Internet access.

Self Hosted (in your office)

You also have the option of installing EbixASP within your own intranet environment. See enclosed EbixASP Hardware/Software Requirements for Self-Hosting.





Some of the many features offered by EbixASP

Front Office

Client Manager	One screen Client servicing
Policy Manager	Once screen Policy servicing – Renewals, Endorsements, Cancellations, etc.
Task Management	Automatic Follow-ups
Notes	Record phone conversations, etc.
Transaction Log	All actions on client, policies or claims are recorded automatically with date and time stamp and who was responsible.
Endorsement Log	Track all changes – re-print change requests for policies.
Attachments	Upload any file type and have available at client, policy, carrier or claim levels.
Renewal Manager	See on screen what renewals you need to work on or if they have already renewed or non-renewed.
ACORD forms	Produced in PDF format for printing, emailing or faxing
Document Merge	Create letters, proposals and groups of documents for merging with entered data.
Live Chat Help	Support people available for live chat during business hours.
Faxing and Emailing	Directly from EbixASP.
RTI – Real Time Interface	Real time with supported carriers for billing inquiry

Accounting

Multiple Hierarchy	Agencies/Regions/Divisions/Profit Centers/Revenue Centers
Multiple General Ledgers	Separate fiscal periods
Cash OR Accrual	Flexible for all or combination on each general ledger.
Automatic Accounting Download	Carrier download supports individual invoicing or statement downloads to create accounting records.
Third Party and Financed Policies	Handles Receivables and/or Payables as required
Installments	Create your own plans including annual installments plans on multi-year policies.
Split Commissions and Billings	Tracks correctly without journal entries
Accounting Transaction Log	Records with date and time stamp the person performing particular accounting functions.
Broker Billings	Produces Net Invoices to third party agents (brokers)
1099s – Broker, Vendor and Producer	Tracked automatically by EbixASP.
Tax Payables	Track surplus lines taxes, levies, etc and who they are owed to.

Task Management

Never forget to complete a task again

- Ability to sort by the different tasks and priority
- Send you meeting reminders directly to your cell phone
- Easily manage the Tasks of Others while they are away
- Automatic creation of task items so that you do not forget to complete or follow up on everyday tasks
- Easily transfer or create a follow up for several people at the same time

The screenshot displays the EbixASP Task Manager interface. At the top, there is a navigation bar with icons for various modules: TASK MANAGER, CLIENT MANAGER, CONTACT, ACCOUNTING, CLAIMS, REPORTS, MAINTENANCE, RTI, and RATER. Below this, the 'Renewal Manager' section shows a 'View To Do list of:' dropdown set to 'Micheal Herron'. The main area is a 'Task Manager' table with columns for Date/Time, Type/Priority, User/Status, Subject, Notes, and Client/Policy #. The table lists several tasks, including follow-ups and endorsement requests. Below the table are buttons for 'Add', 'Delete', and 'Complete'. A 'To do List' section at the bottom provides a form to add new tasks, with fields for Date Created, Recorded By, Type, Follow Up Date, Start Time, End Time, Priority, and Notify Me. On the right side, there is a 'Find (Client Name)' search box, a calendar for May 2007, and a 'Recently Visited Clients/Policies' list.

Date/Time	Type/Priority	User/Status	Subject	Notes	Client/Policy #
04/30/2007 08:18:27	Follow-ups MEDIUM	Micheal Herron Open	Start Endorsement	Endt. Number: END_NO_5 - E...	Herron Delivery Service
03/12/2007 10:00:00	Follow-ups MEDIUM	Micheal Herron Open	Word Merge Letter Has Been...	Word Merge Letter Has Been...	Herron Delivery Service
02/10/2007 12:59:26	Endorsement Requests MEDIUM	Micheal Herron Open	Waiting for Confirmation	Waiting for confirmation o...	Herron Delivery Service
01/18/2007 14:18:50	Follow-ups MEDIUM	Micheal Herron Open	Follow -up on generated ap...	Follow -up on generated ap...	Herron Delivery Service
01/13/2007 10:00:00	Follow-ups MEDIUM	Micheal Herron Open	Word Merge Letter Has Been...	Business Auto Proposal Dat...	Herron Delivery Service

Client Manager

Full Client Servicing from One Screen

- Certificates of Insurance
- Notes
- Attachments
- Communication – Email, Fax and Document Merge
- Track prospect information via Identified Risks such as drivers, employees and locations
- AKA/DBA Names
- Policies, Applications and Quotes
- Claims
- Balances
- Transaction log

The screenshot displays the 'Client Manager' interface. At the top, there is a navigation bar with icons for various functions: TASK MANAGER, CLIENT MANAGER (highlighted), CONTACT, ACCOUNTING, CLAIMS, REPORTS, MAINTENANCE, RTI, RATER, LIVE HELP, and HELP. Below this is a search bar and a 'LOGOUT' button. The main content area is divided into several sections:

- Name & Address:** Herron Delivery Service, #5 Concourse Parkway, Atlanta GA 30325.
- Contact:** Home: (678)281-3659, Work: (678)281-4689, Fax: (678)281-2019, Email: mherron@whoknows.com.
- Producer/CSR:** Producer: Carla Yacoviello, CSR: Beth Pipkin, Account Executive: Micheal Herron, Broker: (blank).
- Navigation Tabs:** Cert of Insurance, Cert of Property, Client Balance, AKA/DBA Names, Client Contacts, Policies, Applications, Quotes, Claims, Attachments, Notes, To Do, Transaction Log.
- Policy Search:** A search filter section with checkboxes for 'Current', 'Endorsements', 'Prior Policy Terms', 'Expired/Lapsed Policies', and 'Canceled Policies'. It includes a 'Search Option' dropdown set to 'Policy Number' and a 'Search Criteria' input field.
- Policy Table:** A table listing various policies with columns for Policy #, RTI, Policy Type, Eff. Date, Exp. Date, Status, Carrier, and Ver. #. A tooltip is visible over the 'Exp. Date' of the second row, showing 'Effective Date : 06/01/2007' and 'Policy Renewal Process from BA647895 Ver. 3. started On 11/27/2006'.

Exclamation points provide Change Information with simple mouse over.

Policy Versions for “Point in Time” data recovery.

Policy Manager

Complete Policy Servicing from One Screen

- Distinction between the Issuing and Billing Carrier
- Solve your unique requirements by creating User Defined Lines of Business & Data Capturing Screens
- Supports multiple carriers, producers and commission splits
- Multiple policies and transaction on a single invoice
- Supports Finance, Installment and Binder Billing requirements
- Forms – Certificates, Evidence of Property, Binders, Schedules of Insurance, ACORD Applications, Auto ID Cards including those for the New York.

ebixASP Sales
 Powered by **Ebix**

TASK MANAGER CLIENT MANAGER CONTACT ACCOUNTING CLAIMS REPORTS MAINTENANCE RTI RATER LIVE HELP HELP

Client Manager
 Search Client Identified Risks Communication Forms Prior Information Invoice **LOGOUT**

Policy Manager
 Process Policy Information Communication Forms Policy Forms/Endorsements Prior Information

Balance	Claims	Attachments	Notes	To Do	Transaction Log	Endorsement Log
Policy Information	Commission Splits	Billing Splits(Recv)	IssuingCompanySplits	BillingCompanySplits	Named Insureds	Locations

Policy Issuing Information [Edit](#)

Type:	Policy	Policy Number:	BA647895
Version:	6.0 (04/30/2007)	Status:	Endorsement In Process
Line of Business:	Business Automobile	Sub Line of Business:	
Policy Term:	1 Year	Inception Date:	04/01/2002
Effective Date:	06/01/2006	Expiration Date:	06/01/2007
NAICS (SIC) Code:	7214	Business Description:	DIAPER SERVICE
Agency:	USA Insurance Agency, Inc.(USIN)	Region:	Southeast(SEST)
Division:	Atlanta Office(ATOF)	Department:	Commercial Lines(COLI)
Profit Center:	ebix demo profit center(EBDE)		
Company Product Code:			
Split Issuing Company:	No	Issuing Company Code:	Hartford Casualty Insurance Company
Account Executive:	Micheal Herron	CSR:	Aman Gulyani
Underwriter:		Policy Description:	

Policy Billing Information [Edit](#)

Billing Company:	Hartford Casualty Insurance Company(CO19)	Agency Commission %:	12.00
Payor:	Insured	Bill To:	Herron Delivery Service
Producer:		Producer Commission:	
Broker:		Broker Commission:	
Broker Contacts:			
Billing Code:	Agency Bill	Account Number:	
Installments:	Yes	Installment Plans:	10 PAY:10 Monthly Payments
Financed:	No	Pays Agency/Carrier:	Not Financed
Finance Company:	Not Financed	Contract Number:	Not Financed

Policy Manager

Complete Policy Servicing from One Screen

- Policy Balances
- Splits – Commission, Billing, Issuing & Billing Carriers
- Transaction Log
- Endorsement Log
- Named Insureds
- Notes
- Attachments
- Claims

The screenshot displays the 'Policy Manager' interface within the 'Client Manager' application. The top navigation bar includes icons for various functions like 'TASK MANAGER', 'CLIENT MANAGER', 'CONTACT', 'ACCOUNTING', 'CLAIMS', 'REPORTS', 'MAINTENANCE', 'RTI', and 'RATER'. Below this, the 'Policy Manager' section is active, showing a search bar and a 'LOGOUT' button.

The main content area is divided into several sections:

- Client Information:** Displays 'Issuing/Account Information' for 'S Concour... Atlanta GA 30325' with a phone number '(678)281-4689' and a version of '6'. It also shows 'Commercial Applicant Information' with a date of '6/1/2007' and 'Attention Notes'.
- Search:** A dropdown menu is set to 'VIN'. A search criteria field is available with a 'Search' button.
- Policy Level Coverages and Rating Information:** A table with columns for 'Insured No.', 'Carrier #', and 'Deact/React Dat'. It lists several coverages with their respective details.
- Vehicle Information:** A table with columns for 'Model' and 'Premium'. It lists vehicles such as 'ECONOLINE E150' with a premium of '\$256.00' and 'A4 1.8 AVANT'.
- Policy Level Coverages Table:**

Coverage Code	Limit 1	Limit 2	Deductible	Written Premium	Full Term Premium
Combined Single Limit Liability	2,000,000				
Medical Payments	5,000				
- Vehicle Level Coverages Table:**

Delete Coverage Code	Limit 1	Limit 2	Deductible Override	Deductible 1	Written Premium	Full-term Premium
<input type="checkbox"/> Comprehensive				500		

EbixASP

Financial/Reporting Management

Looking for particular reports and in a certain order

- All reports can be exported to Excel so that you can create or combine reports to your specifications
- System will calculate and produce the necessary information for your 1099 reporting needs
- Accounting Reports like Profit and Loss can be combined or generated down to the profit center level
- Sales Analysis reports by lines of business, transaction code, many options
- No month end. All entries are real time

Create your own Favorites

The screenshot displays the EbixASP Reports interface. At the top, there is a navigation bar with icons for TASK MANAGER, CLIENT MANAGER, CONTACT, ACCOUNTING, CLAIMS, REPORTS (highlighted), MAINTENANCE, RTI, and RATER. Below this is a search bar with the text: "Please select a menu item from the left frame or Click below on Favorites to view its contents." The left sidebar contains a "Reports" menu with the following items: Accounting, Aging Reports, Carrier Management, Policy, Producer, Claims, Accounts Payable, 1099, Custom Reports, Client, To Do List, License Reports, Brokers, Reconciliation, Create/Edit Favorites, and Document Merge Spooler. The main content area is titled "My Favorites" and is divided into three columns of report categories:

General Ledger Reports	Posting Registers	Carrier Reports
Trial Balance	Cash Receipt Register - Detail	Account Current
Profit & Loss Statement	Cash Receipts G/L Posting Register	Carrier Summary
Balance Sheet	Invoice Register - Detail	Current Payable/Receivable Detail
Account Detail	Invoice G/L Posting Register	Carrier List
Account Inquiry	JE G/L Posting Register	
	Check G/L Posting Register	
	Late Charge G/L Posting Register	
Client Reports		
Client List		
Client Acct Rec Aging Report		
Expiration List		
Lapsed Policy List		
Certificate Holder Listing		
Installation Schedule		
Client Date Of Birth		
Schedule Of Insurance		
Late Notices / Late Charges		

At the bottom left of the page, the date "Thursday, May 10, 2007" is displayed.

Display as HTML

Print Export to Excel			
Trial Balance Today's Date : 5/10/2007 Time : 5/10/2007 10:28:10 For Fiscal Year : 2007-2007 For Month : May			
Agency/Region/Division		USA Insurance Agency, Inc./Southeast/Atlanta Office	
General Ledger Name		USA Agency GL	
Account Desc	Account #	Month To Date	Year To Date
Petty Cash	101.00	.00	(16.00)
Operating Account Bank	102.00	(1,500.00)	13,075.67
Trust Account Bank	103.00	.00	33,474.55
Client Receivable	115.00	.00	10,822.85
Broker Receivable	116.00	.00	(10,292.28)
Held Installments Accounts Receivable	117.00	.00	2,025.02
Prepaid Expenses	132.00	1,500.00	1,500.00
Computers	157.00	.00	150.00
Carrier Receivables	200.00	.00	992.97
Carrier Payable	201.00	.00	(40,730.13)
Client Deposits Held	202.00	.00	10.00
Producer Payable	203.00	.00	(392.41)
Held Installments Accounts Payable	205.00	.00	(2,025.02)
Vendors Payable	206.00	.00	944.00
Taxes Payable	215.00	.00	(1,195.00)
Social Security Tax Payable	234.00	.00	(10.00)
Medicare Tax Payable	235.00	.00	(400.00)
Federal Income Tax Withholding Payable	236.00	.00	100.00
State Income Tax Withholding Payable	237.00	.00	(100.00)
Agency Bill Commission Income	402.00	.00	(4,782.60)
Direct Bill Commission Income	403.00	.00	(383.47)
Brokered Agency Bill Income	404.00	.00	(1,642.85)
Brokered Direct Bill Income	405.00	.00	(375.00)
Late Charge Income	412.00	.00	(70.00)
Agency Fee Income	415.00	.00	(3,433.32)
Agency Bill Commission Expense	503.00	.00	1,111.99
Direct Bill Commission Expense	504.00	.00	85.75
Brokered Agency Bill Expense	505.00	.00	919.28
Brokered Direct Bill Expense	506.00	.00	321.00
Small Balance Write-Off	507.00	.00	(10.00)
Office Supplies	604.00	.00	225.00
Miscellaneous Expense	610.00	.00	100.00
Total		.00	.00

Display to Excel

Print Export to Excel			
Trial Balance Today's Date : 5/10/2007 Time : 5/10/2007 10:29:03 For Fiscal Year : 2007-2007 For Month : May			
Agency/Region/Division		USA Insurance Agency, Inc./Southeast/Atlanta Office	
General Ledger Name		USA Agency GL	
Account Desc	Account #	Month To Date	Year To Date
Petty Cash	101	0	-16
Operating Account Bank	102	-1,500.00	13,075.67
Trust Account Bank	103	0	33,474.55
Client Receivable	115	0	10,822.85
Broker Receivable	116	0	-10,292.28
Held Installments Accounts Receivable	117	0	2,025.02
Prepaid Expenses	132	1,500.00	1,500.00
Computers	157	0	150
Carrier Receivables	200	0	992.97
Carrier Payable	201	0	-40,730.13
Client Deposits Held	202	0	10
Producer Payable	203	0	-392.41
Held Installments Accounts Payable	205	0	-2,025.02
Vendors Payable	206	0	944
Taxes Payable	215	0	-1,195.00
Social Security Tax Payable	234	0	-10
Medicare Tax Payable	235	0	-400
Federal Income Tax Withholding Payable	236	0	100
State Income Tax Withholding Payable	237	0	-100
Agency Bill Commission Income	402	0	-4,782.60
Direct Bill Commission Income	403	0	-383.47
Brokered Agency Bill Income	404	0	-1,642.85
Brokered Direct Bill Income	405	0	-375.00
Late Charge Income	412	0	-70.00
Agency Fee Income	415	0	-3,433.32
Agency Bill Commission Expense	503	0	1,111.99
Direct Bill Commission Expense	504	0	85.75
Brokered Agency Bill Expense	505	0	919.28
Brokered Direct Bill Expense	506	0	321.00
Small Balance Write-Off	507	0	-10.00
Office Supplies	604	0	225.00
Miscellaneous Expense	610	0	100.00
Total		0	0

EbixASP

Renewal Management

See what renewals you need to work on:

Renewal Manager

Select Type & Date to Access this page

Type: ALL Individual: Beth-Pipkin
For Month: June Year: 2007

Search/Refresh

Policy Details							
Expiration Date	Client Name	Line Of Business	Policy Number	Policy Status	Renew/Remarket Started Date	Renewal Notes	Confirmed Date
<input type="checkbox"/> 06/01/2007	EJE Manufacturing	WORK	WC06012005-01	Endorsement Received			
<input type="checkbox"/> 06/01/2007	EJE Manufacturing	WORK	WC1234567	New Business			
<input type="checkbox"/> 06/22/2007	Herron Delivery Service	AUTOB	POL-Herr012-62220068359	Renewal			
<input type="checkbox"/> 06/22/2007	Jone's Delivery Service	AUTOB	BA96846	Endorsement Received			
<input type="checkbox"/> 06/24/2007	Micheal Thomas Herron	HOME	POL-HerrMic-6242004104324	Renewal			

Export to Excel

Notes Details		
Client Name: EJE Manufacturing	Policy Number: WC1234567	Add Renewal Note
Transaction Date	Notes Subject	Notes Description
5/7/2007 1:00:47 PM	Renewal App	Need to send updated renewal application

Add renewal notes and review in one screen for servicing.

Shows current policy status.

Access Policy directly from this screen to service



Advantages of an ASP

What is an ASP?

ASP stands for application service provider; it is an application provider that leases software solutions over the internet to a market of subscribers.

Advantages of ASP's:

The ASP model has evolved because it offers some significant advantages over traditional approaches. Here are some of the most important advantages:

- Especially for small businesses and startups, the biggest advantage is low cost of entry and, in most cases, an extremely short setup time.
- The pay-as-you-go model is often significantly less expensive



- The ASP model, as with any outsourcing arrangement, reduces head count. IT headcount tends to be very expensive and very specialized (like pilots in the airline example), so this is frequently advantageous.
- The ASP model also reduces specialized IT infrastructure for the application as well as supporting applications. For example, if the application you want to use requires an Oracle or MS-SQL database, you would have to support both the application and the database.
- The ASP model can shift Internet bandwidth to the ASP, who can often provide it at lower cost.

One thing that led to the growth of ASP's is the high cost of specialized software. As the costs grow, it becomes nearly impossible for a small business to afford the purchase of the software, so the ASP makes using the software possible.

Another important factor leading to the development of ASP's has been the growing complexity of software and software upgrades. Distributing huge, complex applications to the end user has become extremely expensive from a customer service standpoint, and upgrades make the problem worse. In a large company where there may be thousands of desktops, distributing software (even something as simple as a new release of Microsoft Word) can cost millions of dollars. The ASP model eliminates most of these headaches.

- The ASP maintains the hardware required to efficiently host complex applications and removes the need for companies to buy, maintain, and upgrade in-house applications.
- The ASP can make sure that the latest versions of applications are available to enterprise users without the need for costly site-by-site in-house upgrades.
- Using an ASP-based system means that the only client software required on the user's desktop is a Web browser, which eliminates the need to manage client software desk-by-desk.
- ASP customers can sign up new users or workgroups for an application at almost a moment's notice without the need for complex infrastructure and implementation-resource planning.
- The basic pricing model of an ASP application, usually a monthly subscription fee simplifies cash flow management for customers.
- ASP customers do not have to worry about operating system, database or application user-license fees and compliance because the ASP bundles all the license fees within the single monthly fee.
- Firms are increasingly coping with a work force that is very distributed and often mobile. An ASP can allow a firm to provide employees with access to all relevant applications simply through a browser. This makes it easier for the employee to sign on and work remotely and significantly reduces the firm's burden in maintaining a distributed computing environment.
- Improve focus on core competencies. Most organizations would agree that their core competencies are something other than running IT systems.



What are the differences between client-server technologies and application service providers (ASP's)?

Client server products are products that are installed on an office computer (server) and shared by all the users in the office. Client server products typically involve the firm to purchase costly server equipment and either outsource IT staff or hire internal staff to configure, update and monitor the equipment. Many times the equipment needs to be upgraded or replaced as the technology ages with time. ASP's are gaining attention because they decrease the cost of ownership by providing applications over the Internet, thus alleviating the need for clients to purchase equipment or maintain costly IT staff. The ASP provides the technology experts to maintain the equipment, perform the upgrades and data back-ups, and monitor proper functionality. ASP's typically provide all services and applications for one predictable monthly fee. ASP's are also gaining attention not just from a cost perspective but also from a usability perspective. ASP's allow broader access and customer service. Customers and partners can view their accounts and print the information they need 24/7/365. In addition, having all data at one centralized location can decrease errors and omissions.

What is XML?

XML stands for extensible Markup Language, it is a standard markup language much like HTML, which was developed by the World Wide Web Consortium (W3C). It was developed to help render documents over the internet.

How can XML help your business?

Computer systems and databases contain data in incompatible formats. Converting the data to XML can greatly reduce this complexity and can create data that can be read in many different types of applications.

The value added benefits of an ASP are simple and cost-effective. ASP's provide you with a lower cost of ownership, a host of management solutions, technical expertise, scalability, fully skilled technicians and quick innovation for a low monthly fee. Additional advantages are:

Financial Sense: Ebix ASP™ is sold as a monthly subscription service, thus allowing you to budget predictable cost of service. There is no capital investment in new computer equipment, IT Staff or technical repairs. All feature upgrades occur in our central location and are distributed to all users immediately. Pricing is computed on a per seat basis.

Operational Efficiency: No technology obsolescence and faster time to market; decreased errors and omissions by storing and retrieving data from one location; centralized database that empowers your employees to do business anytime, anywhere; ability to share data with business partners due to an XML infrastructure; lower maintenance costs; all servers and software are maintained by Ebix, Inc.

Scalable: Using shared access technology; you pay for only what you need. Seamlessly integrate operations between different departments and branches. You will receive new features and upgrades continually without having to wait for product releases. Best of all upgrades are completed over the Internet, thus eliminating the need for disks or downloads.

Secure: Servers are guaranteed 99.999% uptime with back-up power and redundant data lines. Your data is secure with 24/7/365 guard service and electronic surveillance. Redundant cooling and raised flooring ensure consistent temperature control and humidity ranges. All data is backed up continuously and is protected against hazardous environmental conditions such as fluctuating temperatures, humidity and contaminated air.

Hardware/Software Requirements* For Self-Hosting

*As technology continues to advance, please use this printed document as a reference. Always be sure to confirm updates with your IT staff or Consultant before ordering the requirements listed below

Server Requirements

Server	Web Server: Dual Intel Xeon 2.8 GHz or higher with 2 GB RAM Database Server: Dual Intel Xeon 2.8 GHz or higher with 2 GB RAM (3 GB Strongly recommended)
Server Software	Microsoft Windows 2003 R2 Enterprise Server for Database Servers (Standard if 1 server) Microsoft Windows 2003 R2 Server for Web Servers
SMTP Server	An SMTP server is required for sending out emails that are generated in the application. Microsoft Exchange Server Recommended.

Possible configurations

The following are the different types of configuration possible for deployment of EbixASP:

Single-Server Configuration	In this configuration, both the web server and database server will reside on the same physical server. This configuration will be useful for a small user base of fewer than 15 active users. Since the database and web services are on the same physical server, there will certainly be a performance overhead. This would affect the response time with increasing number of users.
Two-Server Configuration (One Database and One Web server)	In such a configuration, the web services and database services would reside on two independent servers. This would provide adequate response time for up to 100 users.
Two-Server Configuration (Cluster with Failover)	In such a configuration, the web services and database services would both reside on the two clustered servers. In a clustered arrangement, there is only one server that will be active at any given time. Hence, the other server merely waits and monitors the first server for any failure and in such an eventuality would take the control over. This arrangement definitely ensures no downtime. However, there will be response time lags because of only one server providing all the services at any given point.
Multi-Server Configuration (minimum 4 servers)	In such a configuration, a minimum of two web servers and two database servers would be created. The web servers would be load balanced using a hardware load balancing equipment. The database servers would be configured as clustered servers and hence would have failover redundancy. This option also allows for easy scaling up of the servers for catering increasing number of users as explained in the following section. All configurations specified above (other than Multi-Server) do not provide for easy scaling up and would involve downtime of the site whenever a scaling up is proposed.

Scalability

If the servers were arranged as per the “Multi-Server Configuration” above, then they could be scaled up in the following ways:

Web-Server Scalability	The web server can be scaled by setting up a load balancer such as Big IP or Coyote Equalizer between the Internet and the Web Servers. Clients may add as many web servers as required, but two large web servers should be able to handle 300 – 400 active users.
Database Scalability	Establishing a cluster in an Active/Passive mode can scale SQL Server database, and a minimum of 2 servers is required for this. This configuration allows for setting up a redundant database server that acts as a stand-by and takes over the duties of the primary server should it go down. This configuration is required for maintaining a guaranteed up time of the servers. This arrangement could be scaled up to a maximum of 4 servers in the same cluster.

Server Hardware

In accordance with the possible server configurations mentioned above, following is the list of recommended hardware requirements. Note that these configurations are for 2 web servers and 2 Clustered database servers with External Raid Array.

WEB SERVER

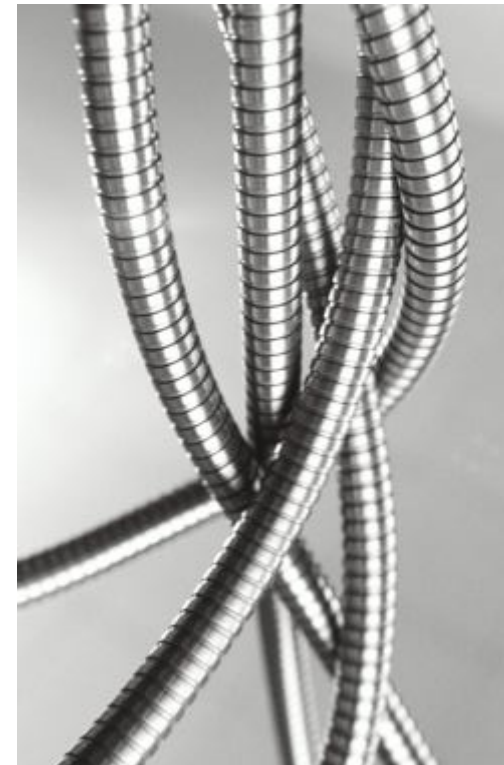
Qty	Examples of specific products that full fill requirements
2	DL360 G3 (1)XEON 2.8GHz 1024/1MBL3/24X/RK
2	XEON 2.8GHz 1MB PROCESSOR KIT (Additional Processor) for DL360
2	1GB KIT ProLiant CPQ KINGSTON for DL360
4	36.4GB U320 WSCSI 15K 68PIN HD
2	HP SA641/642 128MB BBWC
2	3 Yr OnSite 24x7 Support

DATABASE SERVER

Qty	Examples of specific products that full fill requirements
2	DL380 G4 (1)XEON 2.8GHz 1024/1MBL3/24X/RK
2	XEON 2.8GHz 1MB PROCESSOR KIT (Additional Processor) for DL380
6	3GB (Total) KIT ProLiant CPQ KINGSTON for DL380
2	36.4GB U320 WSCSI 15K 68PIN HD
2	HP ProLiant Battery Backed Write Cache Enabler for SA6i 3 Yr OnSite 24x7 Support

EXTERNAL RAID ARRAY

Qty	Examples of specific products that full fill requirements
1	HP StorageWorks Modular Smart Array 1000
1	Wide Ultra3 SCSI (160 MB/s per channel) support
3	36.4GB Pluggable Ultra320 SCSI 15,000 rpm Universal Hard Drive (1")
1	3 Yr OnSite 24x7 Support
2	HP StorageWorks Cable Kit





Software Requirements

Microsoft Software and licenses required: Note that these configurations are for 2 web servers and 2 Clustered database servers. This is for 50 internal users. Since Microsoft licensing changes often it is best to verify with your vendor proper licensing for your environment.

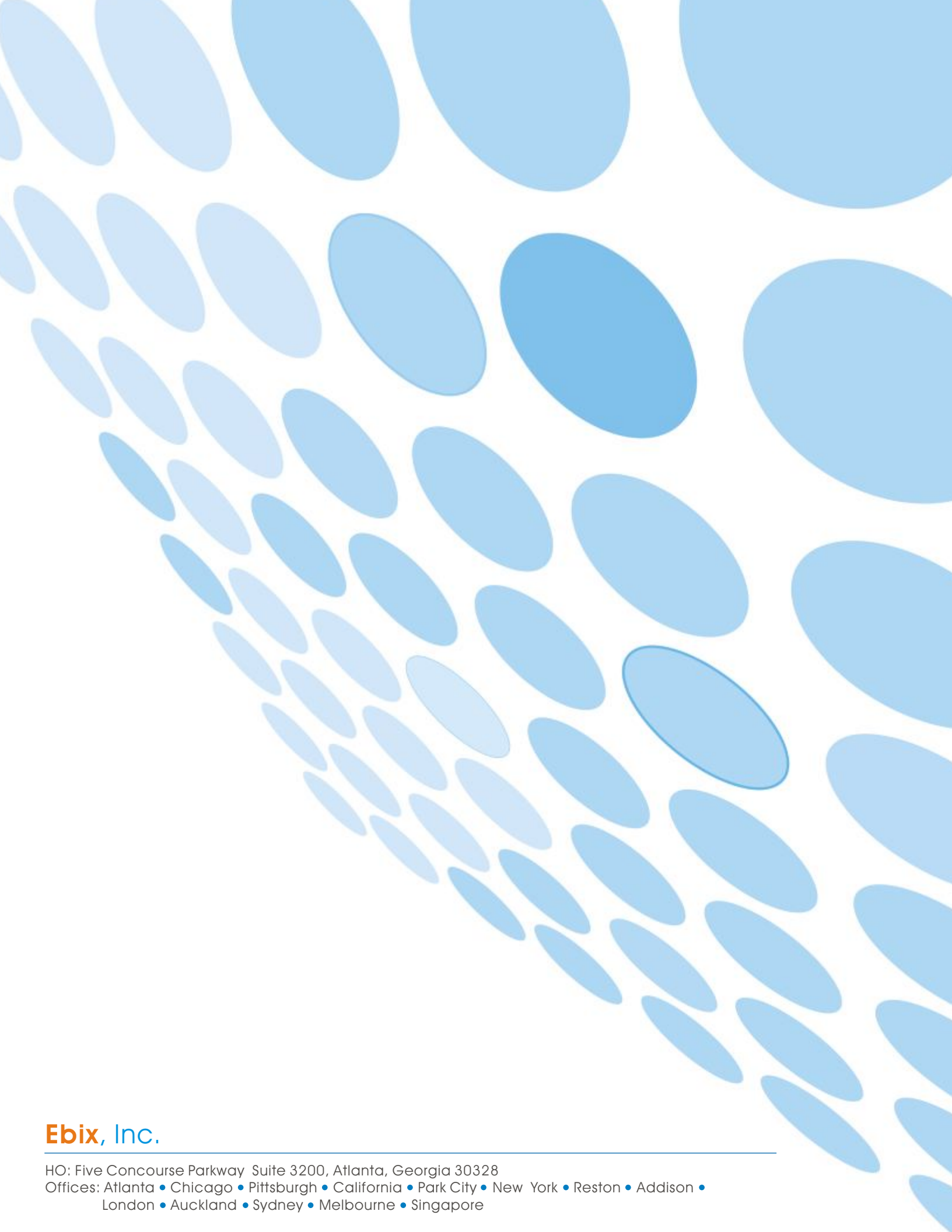
Qty	Description
2	MS Windows Server 2003 R2 Standard
2	MS Windows Server 2003 R2Enterprise Edition
2	SQL Server 2005 Enterprise Edition (You may only need one license of SQL server if you are clustering in an active-passive failover situation)
50	Windows 2003 Client Access Licenses
50	SQL Server 2005 Client Access Licenses

Third-party software/tools required:

Software	Vendor	Description/Function
Infomentum Active File*	www.infomentum.com/infomentum.html	File upload and downloads
Active PDF Professional Version*	www.activepdf.com	Generate PDF's
ASPEmail	www.aspemail.com	Immediate Emails
ASPCrypt (no need to buy)	Internally available	Password Encryption
Alt-N's Relayfax Pro	http://www.altn.com	(Optional) Required for faxing

* Check with Ebix for latest tested version





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