AudaxSolutions

AUDAX MANAGED SOLUTIONS (AMS)

a Cloud service

iSeries application hosting provides an alternative to the traditional iSeries ownership costs, management and administration.

- Elimination of high up-front hardware costs and software fees

- Flexibility for changing infrastructure needs

- Improve security and disaster recovery capability

- Reduce administration and operations time

- Reduce and simplify overall costs

AUDAX IMPLEX DATACENTER

- Built into a former underground bank vault

- Redundant cooling

- Redundant power with battery backup and 7 day diesel generator

- Direct connection to 3 major fiber loops

- 24/7 video surveillance and physical security

- Servers are located at the highly secure Implex Data Center in Minneapolis

- Connection is via VPN over the internet

- iSeries Access used at client end

- Separate Virtual Server for each client

- New Power6 or Power7 servers

- Daily backups on separate tapes

CONTACT OUR SALES/SOLUTION TEAM AT **(855) 638-5796**

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HOSTING FEATURES

www.AudaxSolutions.com

- Sufficient CPW, memory and disk to provide superior performance for existing applications & new applications

- All required IBM licensed programs

- Proper user authorization count for each client

- Hardware and software maintenance

- Maintain current PTF and patch levels

- Performance tuning and monitoring

- Daily backups on separate tapes for each client

- Daily or weekly rotation of backups to a separate secure location

- Prompt resolution of any hardware or IBM software maintenance issues

CLIENT RESPONSIBILITIES

- Administering and maintaining Non-IBM application software

- Adding or removing users or devices

- Managing user security

- iSeries Access client management software

IMPLEMENTATION CONSIDERATIONS

There will be a one time setup fee to implement your applications and data on the hosted server. Certain cost factors include:

- Are you still using any twinax printers or workstations?

- Will an OS version upgrade be involved?

- Does your firewall have site to site VPN capability?

- Other unusual circumstances?

We estimate that setup charges will be between $2,000 - $4,000 depending on the above.

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DISASTER RECOVERY (DR) PLANS

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BASIC PROTECTION

- Included in AMS price – No additional charge

- All data is RAID protected on our servers

- High security data center with redundant services

- Full backups performed nightly – Rotation of 3 sets

- Tapes cycled to a second offsite secure storage location

- Daily or weekly backups depending on option selected

- Hardware uptime guaranteed in SLA of contract

- DR testing available – Priced per test

ENHANCED PROTECTION

- Replication to a second server at a second data center

- Constant, realtime replication using Itera Software

- Full failover capability in the event of a disaster

- Replication does not use your bandwidth

- Simplified DR testing using Virtual Failover

Because of the requirement for a second server, data center, hardware and software maintenances, and replication software licensing and maintenances, the cost for this enhanced level of protection would be an additional $500-$800 per month.

Call us today to find out more or to discuss if this is the right option for your business.

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CLOUD COST ESTIMATE

- Pricing will vary depending on number of users, data size, and CPW requirements

- Add $25 per month for daily offsite rotation

- 5% discount for annual payment with additional discounts for multi-year contract

- Estimated starting cost for a typical iSeries client - $499 - $799 per month

Versus

OWNING AND MAINTAINING THE INFRASTRUCTURE

A sample cost of ownership looks like this:

New Power7 server (Entry Level) w/30 users	$ 25,000
Annual depreciation (3 year life)	$ 8,333
Annual HW and SW maintenance	$ 2,562
Annual electricity estimate	$ 480
Labor to maintain (managing backups, PTFs, etc)	
1 hour per day, $20/hour	$ 5,200
Total estimated annual cost	$ 16,575
Monthly estimated ownership cost	$ 1,381

Minimum Monthly cost savings $582

Contact us for your free analysis today to see if your enterprise fits!

We also offer a free trial period.

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How will user response time compare to my current server?

Because the iSeries is a centralized processing environment, response times are largely a function of processing speed. Even with the latency associated with remote access over the internet, response times will be equal to or better than what you have now. Let us prove it!

How much internet bandwidth will I need?

Audax has done extensive testing of bandwidth requirements. In most environments we tested, it was discovered that the average bandwidth utilization was 11Kb/sec during the day, or less than 100th of a T1 speed. Because of the nature of an iSeries, they are very bandwidth efficient.

What if I sign up and it just isn't working for me?

Audax guarantees the performance of this solution. You will not pay anything until the solution is working to your complete satisfaction, and regardless of the length of agreement you sign, you have the right to cancel with a 30 day notice if you are unhappy with the level of service.

What if my internet goes down?

The Audax Data Center site is directly connected to 3 major internet fiber loops. The combined uptime percentage is well over 99.9%. The bigger concern would be your individual internet connection. Audax offers some low cost solutions for redundancy and automatic failover at your location if this is a concern. We would be glad to provide you with individual options based on what is available in your area.

What about OS version updates?

Because Audax will be maintaining IBM software maintenance (SWMA) on your server, there is no cost of version updates from IBM. However, the cost of implementing a version update is not included in your monthly fee, and would be an additional charge. Because of the additional control and the fact that the server is local to us, we would expect that fee to be much less than what it would cost to do the same upgrade on a server at your site.

What about Data Security?

Virtual servers on an iSeries (LPARS) operate as if they were separate physical servers. Data can not be shared internally between virtual servers. User access and security is maintained in the same fashion it is today, with your user profiles determining who can access particular apps and files.

But won't Audax have access to my system?

Yes, we will need occasional administrative access to perform various tasks. But, you will have full ability to lock us out of the system just like any other user. If you are not comfortable with allowing us permanent access, you can turn on our access when we need it, monitor our activities, and then turn off access when we are done. This can also be done with any other vendors that may need access to your system.

What about the IBM Licensed Programs on my current server?

You won't need them. Audax will provide the IBM Licensed programs you need. You retain the legal right to your licensed programs in the event that you move back to your own iSeries in the future.

What if I am running at an old OS level?

We have the ability to run at V5R4 and up. If you are running an older version of the OS, we have the experience and expertise to upgrade your programs and data to run under a more current release of the OS. By choosing the Hosting option, you do not have to pay the SWMA charges and penalties in order to move to a more current level.

Can I continue to run programs in Sys36 Environment mode?

Yes, IBM is continuing to support Sys36 Environment even in the latest release, V7R1. Our host servers can run your applications in this mode or in a combination of Sys36 Environment and native.

What if I have multiple locations?

Hosting works great with multiple locations such as branch offices or individuals on the road, as well as providing access for selected vendors and clients. One of the nice benefits is that the other locations do not use up the main location bandwidth as they all communicate directly to the host.

Where will the system console be?

Unlike prior generations of iSeries, any PC connected to the server with iSeries Access can be designated as a system console. You can have multiple designated system consoles, with the limitation that only one can be used as a system console at any one time.

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ISERIES CLOUD ENVIRONMENT ASSESSMENT
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To assure we thoroughly understand your OS400 server environment to assess how AMS can satisfy your Cloud Hosting and Business Continuity, please provide the answers to the following questions.

Company:

Contact:

Email:

Phone:

(We prefer your direct number or your number with your extension)

1) What is your primary interest in hosting?
   a. Production hosting
   b. DR hosting
   c. Both
   d. Other _____

2) What is your current machine, model, serial number and OS400 version level? (or a rack configuration)
   a. Machine:
   b. Model:
   c. CPW rating
   d. Serial Number:
   e. Memory Capacity
   f. Disk Capacity
   g. Disk Utilization Percentage
   h. Tape Drive Type
   i. OS400 Version:
   j. LIC and PTF level

3) What IBM Program Products are in use?
   a. Please attach a "GOLICPGM" listing

4) What are your current IBM hardware and software support (HWMA/ SWMA) costs?

5) What is your total user count?
   a. How many concurrent users do you estimate you have?
   b. How many local users do you have?
   c. How many Twinax terminals are in use?
   d. What is your Windows Workstation count?
   e. What Windows desktop version (Win 2000, XP, Vista, 7, etc.) are in use?
   f. How many business locations do you have?
   g. How many remote users do you have?
   h. How many Twinax printers are in productive use?
   i. What printer types do you have (6400, 6500, 4230, etc.)?
   j. Do any use IPDS or print any bar-codes?

6) What OS400 version do you prefer for AMS?

7) What memory capacity do you need for AMS?

8) What disk capacity do you need for AMS?

9) If you are using a multi-core processor, how many cores are in use?

10) How many LPARs are currently active?

11) What bandwidth is available to you? What carrier service do you use (i.e. T1, DSL, Cable, etc.)?

12) Do you have any active server-to-server processes? These may include Windows applications linked to your current AS400 / iSeries / System i, such as credit card processing or package shipping?

13) Are you using WebSphere Application Server, Apache, or Zend PHP?

14) What files are stored in the IFS?

15) Do you have custom software, packaged software or a combination of both?

16) Do you have source code for all of your software?

17) What packaged software do you use?

18) Is your packaged software under current support?

19) Have you asked your application software vendor if you need to obtain software keys or pay transfer fees to move to AMS?

20) What firewall do you have? Do you know if your firewall supports VPN?

21) What are your future growth expectations?

22) What are your primary requirements, expectations or concerns with moving your OS400 environment to AMS?

23) In the event of unexpected downtime, how quickly do you need to recover?

24) What applications are most critical to recover? How many users need access to these applications?

25) In the event of unexpected downtime, what do you need for your point of recovery?

   a. Point of last transmission from production server to failover server.
   b. Last backup
   c. Other_____

26) Do you currently license any High Availability or Business Continuity software, such as iTera, MIMIX, Maxava (noMAX), QEDD, Vault400, etc.?

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