# IBM/Ariba Applications
# Sizing and Planning Questionnaire-Buyer 7.0.6

## IBM Americas Techline Sizing Center
### Phone 800-426-0222 (NA only) or 770-835-6690

### When completed, please submit to Techline for sizing estimate.

**Via e-mail or fax:**
**IBM Global Sizing Center ( Techline)**
**E-Mail: esizings@us.ibm.com**
**Fax: US 770-659-5245**
**Fax: Outside US 001-770-659-5245**

## Definition of a Sizing Estimate:

A sizing estimate is an approximation of the hardware resources required to support an Ariba procurement application. It is intended to support pre-sales efforts based on information available at a point in time, providing an entry into understanding the customer's hardware requirements. Customers' actual experiences will vary from the sizing estimate for many reasons including network activity, function partitioning, batch processing and reporting loads. The degree of variability can be from small to significant.  IBM assumes no liability for actual results that differ from the sizing estimates.

# Introduction:

Thank you for providing this information for sizing the platforms required to support your Ariba procurement solutions. At this time, this questionnaire is intended only for Ariba's Buyer applications. Completion of this questionnaire will allow IBM to make a recommendation for a system architecture based on your business environment and requirements.

A sizing estimate is an approximation of hardware resources required to support an application. It will provide you with an estimate of processor, memory, and disk space requirements.

The accuracy of the sizing estimate is dependent upon the accuracy of the information you provide. Other factors that may affect the accuracy of the projections include batch and reporting workloads, custom code, and unique characteristics of your actual workload. IBM assumes no liability for actual results that differ from the sizing estimate.

We recognize that it may be difficult to provide exact numbers for your environment. A sizing estimate is based on information available at a point in time. Sizing is an iterative process. Changes are constantly made in both application software functionality and hardware performance, plus as your implementation progresses, it may be possible to develop more accurate sizing input. You may find it advantageous to revisit the sizing process if improved data becomes available.

At this time, Ariba Buyer only supports the eServer xSeries and pSeries hardware platforms. Software support includes, DB2 and Oracle, iplanet, weblogic, Websphere, Tibco and certain MQSeries modules. In the future, support for other IBM hardware and software products will be available. No commitments may be assumed from this statement.

Disk storage will vary with the number of users and number and sizes of catalogs provided for the installation. Though the questionnaire asks definitive storage questions for configuration purposes, it will be used only roughly for sizing. For simplicity, an average estimate of disk storage is given for a given number of users. The Database recommendations are for Raid5 is the default with Raid1, an option. The application is assumed to use Raid 1. Performance maximization can be obtained through striping the data across as many as 10 disk drives. High availability options exist in software and in hardware. If you want the highest availability with archiveing and shared storage devices and services, see your storage specialist. The storage requirements estimated in this sizing assumes native storage. Storage is a variable that will require experience with the application and installation to define and will vary from customer to customer depending upon the situation.

The infrastructure as default assumes a three-tier architecture on two machines. The Application Server and the Web Server occupy one machine and the Database Server occupies the second machine. Only one instance of Buyer on the Application Server is supported. Three tier solutions are also supported.

So, the Web Server, Application Server, and Database Server may be on separate machines. So, all sizing recommendations provided at this time will be with the three-tier single node architecture on two machines. Optional is the three-machine solution. At this time, sizing is available for homogeneous configurations only, so all machines within a particular Ariba Buyer landscape must be of the same eServer brand.

Ariba and IBM sizing methodology is based on the number of concurrent users. This is the key input parameter. Other parameters yield concurrent user count based on the assumptions that 2% of the named user population will be concurrent. Other optional input parameters are the total user population, or the peak average requisition count for which you wish to obtain a sizing.

 An IBM representative, Business partner or Ariba representative with Ariba knowledge should be engaged for submission of the sizing request.

## Instructions for Completing the Questionnaire:

Please follow these steps to complete the questionnaire:

1.      *Make sure you have the current version of the questionnaire*

Over time we revise the Sizing questionnaire. Before taking time to complete it you should make certain that you have the most recent version. For a softcopy of the questionnaire, please download from http://www.ibm.com/erp/sizing.

2.      *Obtain assistance if necessary*

If you need assistance, contact Techline at 800-426-0222 (NA only) or 770-835-6690 or send an e mail to eSizings@us.ibm.com.

3.      *Complete the questionnaire*

Please read each question carefully to understand the response being requested. To do a sizing we ask that you describe your desired or planned procurement installation, think of growth and other environmental items that are covered in the questionnaire. The first part of the questionnaire should serve to provide a first order view of the sizing. The advanced part is intended to obtain a clearer and more precise answer covering second order effects.

4.      *Return the completed questionnaire to Techline*.

Send it by e mail or fax to esizings@us.ibm.com, or fax to 770-659-5245.

## __Customer Information:__ **Please enter required information on the appropriate line.**

| | |
|---|---|
| **Company Name:** | |
| **Address:** | |
| **Customer Contact** | |
| **e-mail address** | |
| **Phone Number** | |
| **Customer Contact** | |
| **e mail address** | |
| **Phone Number** | |
| **Fax Number** | |
| **Industry/Business Description** | |
| | |
| **IBM Sales Contact** | |
| **e-mail address** | |
| **Phone Number** | |
| **Fax Number** | |
| | |
| **Business Partner Name** | |
| **Business Partner Contact** | |
| **e-mail address** | |
| **Phone Number** | |
| **Fax Number** | |
| | |
| **OMSYS Number** | |
| | |

**Sizing Input:** **Enter information and assumptions - Note: Entering information into this table allows an initial quick sizing. The result will be based on the averages seen with the use of the application.**

| Sizing questions: | | Default: |
|---|---|---|
| Number of named users | | |
| Concurrent Users | | 2% of named |
| # of Requisitions first full year. | | No default |
| Expected user growth % in 3 years | _____% | Zero |

| Infrastructure questions: | | Default: |
|---|---|---|
| Select Platform: (mark with an "X") | pSeries (AIX)___<br>xSeries (MS Win 2000)___ | No Default |
| Architecture: Physical Tiers (mark with an "X") | One_____<br>Two _____<br>Three _____ | No Default |
| Rack or Tower: | Rack___  Tower___ | No Default |
| Select Database: (mark with an "X") | DB2___ Oracle___<br>MS SQL___ | DB2 |
| High Availability configuration | HACMP___  MSCS___ | No |
| ERP Connector:<br>Note: MQ is available in basic only. | Tibco___ MQ Series___ | Tibco |
| DB Server Disk Storage: | Raid-5___    Raid-1___ | Raid-5- App Server is Raid 1 |

| Information gathering quest: | | Default: |
|---|---|---|
| Are you running or plan to run SSL | Yes___    No___ | No |
| Do you plan to install the e-forms ooptions? | Yes___    No___ | No |
| Do you plan to install the Travel & Expense options? | Yes___    No___ | No |
| Do you want configuration and list pricing? | Yes___    No___ | No |

**<u>Advanced:</u> Please enter information and assumptions for a more accurate sizing.**

| | |
|---|---|
| Are you adding users to an Ariba Buyer application in place? Yes/No: | |
| Are you adding the Buyer database to an existing database? Yes/No: | |
| If you are interfacing with an ERP, please enter the name. | |
| Please enter the number of suppliers that you expect to use. | |
| How may of those will have their catalogs on your server? | |
| Enter the number of catalogs you expect to support. | |
| Enter the average catalog size in MB or line count. | |
| Will you "punch out" directly to your suppliers' catalogs? Yes/No: | |
| Requisition count expectations in the first year? | |
| Size of catalog database if known: | |
| | |

This finishes the questionnaire. Please refer to the instructions for providing this sizing and configuration request to Techline.