IBM-i2

Sizing Questionnaire and Checklist

All Geographies:

IBM Americas Techline Solution Sizing Center
1-800-IBM-0222
or
1-770-835-6690

When completed, please send electronically to:
eSizings@us.ibm.com
or
Fax to 1-845-491-2372

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Please use this document to gather information that will be used to size i2 applications on the IBM pSeries platform. Direct questions regarding sizing issues and this questionnaire to your geographic contact as listed below.

This sizing estimate is a rough approximation of the hardware resources required to support an ERP implementation. It is a pre-sales effort 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 batch and reporting workloads, and custom code. The degree of variability can range from small to very significant. IBM assumes no liability for actual results that differ from the sizing estimate.

Thank you for allowing IBM the opportunity to size your environment to use **i2 Applications.** We request the following information in order to arrive at a system recommendation and architecture based on your requirements and business environment. The information requested here allows us to provide you with a preliminary estimation of the processor class, disk, and memory.

The accuracy of the sizing estimate is dependent upon variables such as the accuracy of the information provided by you (we recognize that it may be difficult to provide exact numbers on your environment) and the actual usage of the system in a real-time environment. Variables can change over time and can make the 'sizing' effort an iterative process.

Sizing of an i2 opportunity is a complex task. The final solution will depend on many variables in relation to how the customer will ultimately be using the i2 products. This questionnaire is designed to aid you in sizing an i2 opportunity by asking relevant questions that will eventually need to be addressed.

The first step in this process is to contact i2 to obtain assistance in determining the answers to some of the questions. i2 can be contacted at the following locations.

Contact Information for i2

i2, Inc.
One i2 Place
11701 Luna Road
Dallas, Texas, 75234 USA

800-800-3288   Toll Free in North America
214-860-6000   International
Web address: www.i2.com

Checklist and Overview

The following steps provide a checklist of the activities involved in analyzing and preparing for an i2 sizing on an IBM platform.

	Contact i2 to find the appropriate i2 representative that needs to be involved with the situation.
	Obtain the latest version of the i2 Sizing Questionnaire (this document). See i2 AIX Frequently Asked Questions (FAQs) if you do not already have the questionnaire.
	Read through the information sources and links listed in this document before filling out the questionnaire with customer data. Be prepared.
	i2 AIX Sizing Guidelines i2 AIX Frequently Asked Questions IBM i2 Alliance Web Site i2 Web Site
	Fill out questionnaire with customer data.
	Send questionnaire to i2 Territory sales representative.
	i2 rep will need to complete the Solution Architecture Diagram.
	Send the completed questionnaire to IBM. Instructions are on the cover page of this document.

Section 1 - Customer Information

Company Name	
Address	
City, State	
Country	
Contact Name	
Contact Phone Number	
Contact FAX number	
Phone Number	
IBM Product Specialist	
Phone Number	
IBM Solution Specialist	
i2 Representative	
Phone Number	
Business Partner	
Phone Number	
Consultant	
Phone Number	
OMSYS Number	

Section 2 – i2 Product and Sizing Information

AIX Sizing Guidelines

Please read the information on the following AIX Sizing Guidelines document to get an overall perspective on the sizing of an i2 opportunity. This will be necessary to ensure the customer will be properly prepared and the solution will be optimum. It presents the process that has been used in most of the i2 sizing situations and gives a concrete example for analyzing the parameters for determining hardware requirements.

> Document - http://www.ibm-i2.com

> Readme file - http://w3developer.austin.ibm.com/depts/spra/I2/i2readme.html

Frequently Asked Questions

Many questions you have may already be answered in the Frequently Asked Questions list.

> http://w3developer.austin.ibm.com/depts/spra/I2/i2faqs.html

IBM-i2 Alliance web site

> http://www.ibm-i2.com

This web site gives information about IBM's relationship with i2 and about the IBM ICC for i2.

i2 and i2 Product Information

http://www.i2.com

i2 Product Availability List

http://w3developer.austin.ibm.com/depts/spra/I2/i2avail.html

Are i2 applications currently installed in Development or Production at your company ?
Development: Yes ___   No ___
Production: Yes ___   No ___
Please identify the hardware platform if i2 is currently running._____

Application Information Needed for Sizing

The next set of questions needs to be answered in order to determine a "rough estimate" of the potential system. To answer these questions accurately, you may eventually need the assistance of an i2 representative. Review the "i2 AIX Sizing Guidelines" document to give you some background in what information you will need for answering these questions.

What i2 products or components does the customer want and are these modules available on the Product Availability List?

i2 Five.Two Product/Module	Selected	Available
Supply Chain Planner (SCP)		
Factory Planner (FP)		
Demand Planner (DP)		
Active Data Warehouse (ADW)		
i2 Link		
Other		Contact i2

Please indicate the desired hardware platform to be sized:

____IBM pSeries

____IBM xSeries

How many "instances" of each product (SCP, FP, etc.) will be utilized? It is best to obtain the assistance of i2 to assist in answering this question.

i2 Five.Two Product/Module	Default (Common) Instances	Expected Instances
Supply Chain Planner	1 production model + 1 tesing model	
Factory Planner	1 model per manufacturing site + 1 testing model	
Demand Planner	1	
ADW	1	
i2 Link	1	
Other		Contact i2

It is necessary to gather the estimated number of instances or models of each i2 product since the current sizing methodology is based on this method. The table above has shows the "default" number of instances which occurs in a majority of the customer implementations. There are, of course, installations that have significantly different requirements, but the above defaults are representative of the common occurrences.

After collecting and filling in the customer information in Sections 1 and 2, you can send this information to the IBM Solutions Sizing Center listed on the front page, either electronically or by fax.

Section 3 - Environment Information

Essential planning considerations (NOT required for sizing):

This section contains checklists of information to consider when evaluating the overall system. The current sizing methodology does not take these issues into consideration for the initial sizing estimation, but many of them will be taken into consideration in the more detailed analysis to follow with the assistance of i2 consultants.

System Infrastructure and Support:

Customer Preferences:	*EXISTING*	*PLANNED*
Database S/W (include version)		
Network S/W		
Network Mgt.. S/W required		
Gateway S/W (i.e. TCP/IP, SNA) for DB2 on zSeries		
Need to access, interface, or integrate w/ other systems		
Performance Tools S/W required		
Total number of printers to be used for i2 applications		
Central backup method		
Local system backup method		
Backup frequency		
Backup software		
System Support response time (4 hr. or 8 hr. response)		
System Support schedule (24 hr. x 7 days, 8 am - 5 pm weekdays, next day service)		
Length of time data is stored on disk (1 yr., 5 yrs.)		
Length of time data is archived on tape		
Please list any processes, programs or applications that may impact system performance		

Essential planning considerations (NOT required for sizing):

High Availability Requirements:

i2 applications will become a critical part of your business processes and so we strongly urge you to review your high availability requirements:

Customer Preferences:	*EXISTING*	*PLANNED*
Single disks (y/n) (pSeries or iSeries)		
Mirrored disks (y/n)		
RAID disks (y/n)		
EMC drives (y/n)		
Single systems (y/n)		
Dual systems hardware failover (y/n)		
Software failover (y/n)		
Network failover (y/n)		
Corporate central UPS (y/n)		
UPS in each system (y/n)		
Hours of planned outage (for maintenance, upgrade, etc.)		
Hours of unplanned outage		
Business hours		

Where Do You Go From Here ?

The analysis performed with the information in this document is just the first step in a series of detailed analyses that is targeted to generate a list of the anticipated hardware requirements needed in an i2 implementation. The information derived from this first analysis is not to be used as a determination of the final equipment and software requirements for an i2 installation. The assumptions used in this study may not be valid for the specific target environment in which the customer operates, so caution should be used in handling the output from this analysis. As the saying goes "your mileage may vary".

The list of estimated resources generated from the instance information presented here should not be used to replace the Strategic Opportunity Analysis (SOA) process conducted by i2 trained consultants. The SOA is the next step of the process after this initial analysis of estimating resources is completed. You will need to contact i2 in order to inform them of the situation and allow them to perform the SOA. The SOA analysis is designed to provide a deeper inspection of the customer's enterprise and render a more accurate sizing estimation for an i2 Business Release 1 (BR1) phase that will include environmental and operational factors. The BR1 is i2's terminology for a pilot or initial test program to build and run preliminary i2 models for exploring the customer's environment. This BR1 test suite of models will be the analysis following the SOA and is designed to provide a better determination of the total resources required in the full implementation.