

SAP NetWeaver BW Accelerator Hardware Sizing



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Agenda



- 1. Introduction**
2. Identifying BW Accelerator Scenarios and Impact
3. Step-by-step Sizing Process
4. High-end Scalability
5. SAP BusinessObjects Explorer, Accelerated Version

Hardware Sizing for SAP NetWeaver BW Accelerator



Sizing of BW Accelerator is integrated in **SAP Quick Sizer**

- Use the Quick Sizer for initial sizing only
- Do not use the Quick Sizer for retro calculation
- Once you have finalized customizing, your own data is the best basis for sizing

Expert Sizing is usually recommended for comprehensive or high-volume sizing

- Use Quick Sizer functions for first estimate
- Determine data volume and sparsity based on sample data (using ABAP program)
- Conduct analysis in test or validation system with more realistic data volume and user activity
- Continuous validation of assumptions and improvements

For Expert Sizing we recommend the Lego approach

- Use the QuickSizer as the basis to collect the key data
- For special data constellations or requirements perform separate sizing
- To record your custom sizing you may use the Quick Sizer function

SAP NetWeaver BW Accelerator Appliance Hardware Partners



BWA appliance by IBM



BWA appliance by HP



CPUs by Intel



BWA appliance by Fujitsu



BWA appliance by Dell



BWA appliance by Sun



SAP NetWeaver BW Accelerator Appliance Memory



Which memory setup is supported for BW Accelerator blades?

- See Product Availability Matrix for release status of blade generation and memory
 - <http://service.sap.com/pam> > SAP NetWeaver 7.0
- For mid-size customers, the HW partners offer one XS configuration consisting of 8 GB blades. This offering provides best value at reasonable hardware and license costs
- Any combination of blade generations can be used in the same BW Accelerator system. See SAP Note [1163149](http://service.sap.com/1163149) for more details

	Irwingdale (single-core)	Woodcrest (dual-core)	Clovertown (quad-core)	Harpertown (quad-core)	Nehalem (quad-core)	Westmere (six-core)
8 GB	✓	✓ (for mid-size offering)	✓ (for mid-size offering)	✓ (for mid-size offering)	✗	✗
16 GB	✗	✓	✓	✓	✗	✗
32 GB	✗	✗	✗	✓	✗	✗
12, 24, 36 or 48 GB	✗	✗	✗	✗	✓	✓

Final Sizing and Hardware Recommendation

- Hardware sizing
 - Hardware partner translates the results of SAP Quick Sizer into optimal configuration of hardware
 - For high-availability setup, extra blade(s) are required as backup for automatic failover
- Valid for production and test system
 - Possibly less rigid performance requirements for test systems → optional sharing of resources in non-production environments

Important Note:

Sizing has to be adjusted once new InfoCubes are indexed by BW Accelerator that haven't been taken into account for the original sizing.

Performance is influenced by several components of the BW Accelerator:

- Number of blades
- Amount of memory per blade
- Speed and number of CPUs (or CPU cores) per blade
- Speed of storage system
- Speed of network connection between BW system and BW Accelerator

BW Accelerator is delivered as an appliance. There are minimum hardware requirements for example for CPU speed and network speed, which guarantee that BW Accelerator performs well.

In order to size the BW Accelerator appliance, three factors need to be determined:

- **Total amount of memory and disk space**
- **Number of SAPS for query processing**

Once we know these factors we can derive the number of blades and the amount of storage space required. All other components are determined by the hardware vendor.

Note: The total amount of memory is the determining factor for SAP pricing of the BW Accelerator appliance.

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Identify BW Accelerator Candidates



Ideal BW Accelerator Scenarios

- Queries with...
 - High data selection/data manager time
 - Large aggregation
(i.e. high ratio between number of selected and number of transferred records)
- Unpredictable user behavior and ad-hoc reporting leading to...
 - Low OLAP cache hit ratio
 - Low usage of aggregates
 - No possibility to pre-calculate reports
- As of SAP NetWeaver BW 7.3 and BW Accelerator 7.20 also...
 - Scenarios based on MultiProviders
 - Queries with exception aggregation
 - Real-time reporting based on HybridProviders
 - For more information see
[What's New with SAP NetWeaver BW 7.30 and BW Accelerator 7.20](http://www.sdn.sap.com/irj/sdn/bwa?rid=/library/uuid/70950003-f7ef-2d10-b1bc-ee483800b25c)
<http://www.sdn.sap.com/irj/sdn/bwa?rid=/library/uuid/70950003-f7ef-2d10-b1bc-ee483800b25c>

How To Find the Best Scenario?

- Ensure BW runtime statistics are turned on in your production system
- Record statistics over some time of user activity (include month-end close for example)

Use one of three options for checking statistics

- Use transaction SE16, view RSDDSTAT_OLAP to identify those queries which have a high aggregation ratio.
 - Select events 9000 - 9099
 - Provides statistics for data manager time, number of selected records and number of transferred records.
- Execute queries off of a statistics cube to determine the query performance for specific cubes.
 - Execute query 0TCT_MC03/0TCT_MC03_Q0200
- Execute and Debug queries in RSRT. Capture the statistics of the query and identify those queries with a high Data Manager time

Understand the Impact of BW Accelerator on Data Modeling



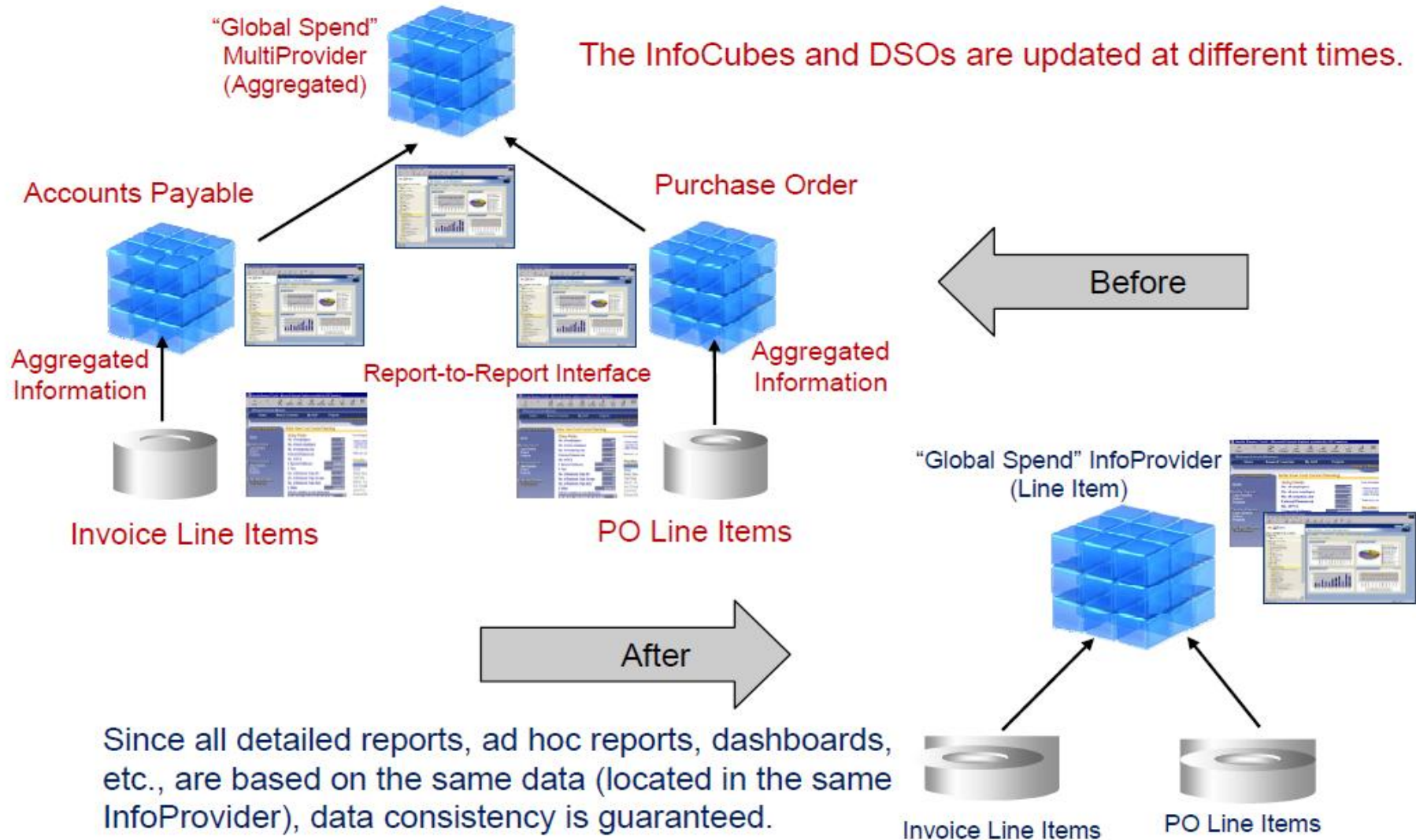
Impact on Data Modeling

- Different DataStore Object Design
 - If applicable, use write-optimized DataStore Objects as initial data warehouse and inbound layer (as opposed to standard DataStore Objects that are reporting performance-optimized)
 - Use InfoCubes with detailed information for reporting
- Report-Report-Interface
 - As reporting on detailed InfoCubes is possible, report-report interface does not need to be used as often → less end user training required

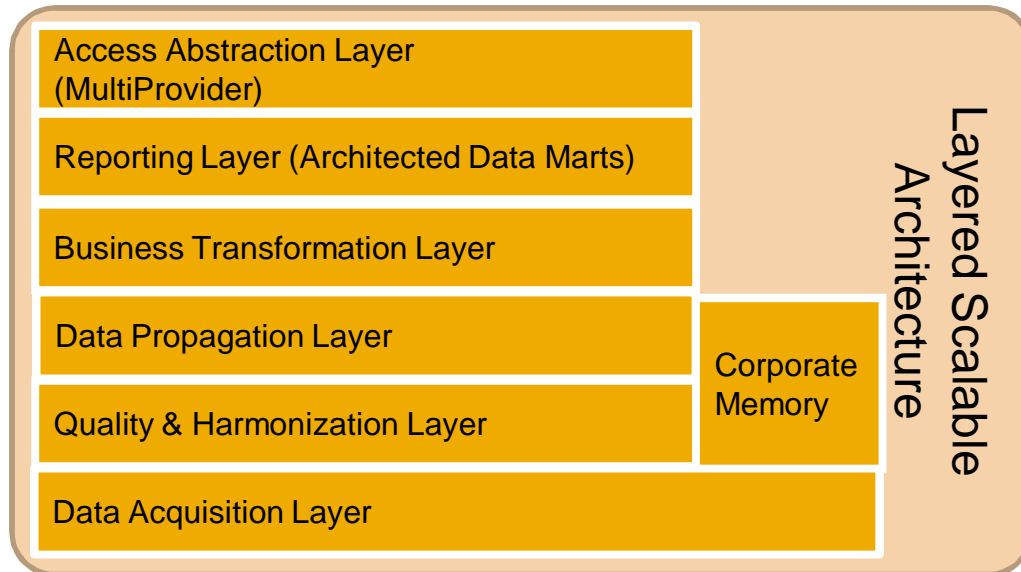
For more details read the SAP Technology RIG BW Accelerator Blog-Series:

- <http://www.sdn.sap.com/irj/scn/weblogs?blog=/pub/wlg/9908>

Example: Global Spend Analysis Without And With BW Accelerator



Does SAP NetWeaver BW Accelerator Have an Impact on an EDW Architecture?



Having an EDW architecture is still important. The design of the data mart/reporting layers should depend on SAP NetWeaver BW Accelerator. The other layers tend to be impacted to a lesser degree.

Without SAP NetWeaver BW Accelerator...

- Architected data marts often contain only necessary information and can be reloaded from a lower-level EDW layer object if the business requirements change

With SAP NetWeaver BW Accelerator...

- A smaller number of architected data marts is created which contains most information from one or multiple subject areas
- Since InfoCubes contain atomic data, DataStore objects are no longer needed for reporting (no BEx flag, frequent use of write-optimized DataStore objects, etc.)
- SAP NetWeaver BW 7.3 provides an option to store the InfoCube data in SAP NetWeaver BW Accelerator only (and not in the BW database). It is therefore possible to design a Data Mart Layer which does not require any disk space.

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The following describes the overall sizing process:

1. Select which InfoCubes should be indexed with BW Accelerator
2. Determine data volume requirement for each InfoCube and InfoCube related master data (initial load)
3. Provide data growth rates per InfoCube (periodic load and number of periods)
4. Enter data volume and data growth rates into SAP Quick Sizer to calculate SAPS, total main memory, and storage space requirements
5. Alternatively, use the sizing program to determine memory requirement for current data volume and calculate total memory and storage requirements based on sizing formula

BW Accelerator Sizing in SAP Quick Sizer



Sizing of BW Accelerator is integrated in SAP Quick Sizer

- <http://service.sap.com/quicksizer>

The screenshot shows the SAP Service Marketplace interface. At the top, there is a navigation bar with the SAP logo, 'SERVICE MARKETPLACE', and a user greeting 'Welcome, Marc Bernard'. Below this are links for 'my Profile', 'my Inbox', and 'my Favorites'. A search bar and 'Advanced Search' button are also present. The main content area is titled 'Quick Sizer Tool' and features a 'QUICK SIZER' heading. The page is divided into two columns: 'INITIAL HARDWARE SIZING TO SUPPORT YOUR BUSINESS' and 'NEWS'. The left column contains several paragraphs of text explaining the tool's purpose and how it works. The right column contains a news item dated 'December 2010' about an update to the tool. A left-hand navigation menu lists various SAP NetWeaver topics, with 'Quick Sizer Tool' highlighted.

SAP SERVICE MARKETPLACE | Welcome, Marc Bernard | Search: [Advanced Search](#)
[my Profile](#) | [my Inbox](#) | [my Favorites](#) | [Quick Links](#) | [Other Portals](#) | [Glossary](#) | [Help](#)

HOME | [Solution Details](#) | [Consulting](#) | [Communities](#)

Quick Sizer Tool | [Feedback](#) | [Doc. Info](#) | [Add to Favorites](#)

QUICK SIZER

INITIAL HARDWARE SIZING TO SUPPORT YOUR BUSINESS

The Quick Sizer is a Web-based tool designed to make the sizing of SAP Business Suite easier and faster. It has been developed by SAP in close cooperation with all platform partners and is free of cost.

With the Quick Sizer you can translate business requirements into technical requirements. Simply fill in the online questionnaire, an up-to-date survey that is based on business-oriented figures. The results you obtain can help you select an economically balanced system that matches your company's business goals.

The Quick Sizer calculates CPU, disk, memory and I/O resource categories based on throughput numbers, and the number of users working with the different SAP Business Suite components in a hardware and database independent format. The purpose of the tool is to give customers and prospects an idea about the size of the system necessary to run the proposed workload. This is especially useful for initial budget planning.

Sizing is an iterative process that continuously brings together customers, hardware vendors and SAP, so that, for example, direct links to SAP's hardware vendors facilitate the tendering procedure.

For an online sizing: [Start the Quick Sizer](#).

NEWS

December 2010: The Quick Sizer has been updated, for more information, see the [change history](#) of the Quick Sizer.

- ▼ **SAP NetWeaver**
 - ▼ SAP NetWeaver in Detail
 - ▶ People Integration
 - ▶ Information Integration
 - ▶ Process Integration
 - ▶ Application Platform
 - ▶ Security
 - Composite Application Framework
 - ▼ Solution Life-Cycle Management
 - Adaptive Computing
 - Customizing and Testing Tools
 - eCATT Test Automation
 - ▶ Information Lifecycle Management
 - ▼ Hardware Sizing
 - ▼ **Quick Sizer Tool**
 - Start Quick Sizer
 - Using the Quick Sizer
 - ▶ Sizing Guidelines
 - ▶ Training & Education
 - Sizing Meeting Minutes
 - FAQs

BW Accelerator Sizing in SAP Quick Sizer



- Create Project and select "**SAP NetWeaver Business Warehouse**"
 - Create a new Quick Sizer project, otherwise the BW Accelerator options will not appear.
 - Most of the data captured is the same as for SAP NetWeaver BW sizing. If you have already performed a BW sizing, you can copy & paste the values for the BW Accelerator sizing or create a new project using a reference to the old one.

- Using the BW Accelerator will take load off of the SAP NetWeaver BW system. As this load reduction depends on several detailed factors (such as share of query time spent in analytic engine, size of result set, number of users etc.), this reduction has not been captured in the SAP NetWeaver BW sizing.

- Refer to thread on SDN posted for some additional information:
 - <https://forums.sdn.sap.com/thread.jspx?threadID=776332&tstart=0>

SAP Quick Sizer



Welcome, Marc Bernard

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Search: Advanced Search

Quick Links | Other Portals | Glossary | Home

HOME Solution Details Consulting Education Communities

You are here: Quick Sizer Tool

Quick Sizer

Initial Hardware Sizing to Support Your Business

The Quick Sizer is a Web-based tool designed to make the sizing of SAP Business Suite easier and faster. It has been developed by SAP in close cooperation with all platform partners and is free of cost.

With the Quick Sizer you can translate business requirements into technical requirements. Simply fill in the online questionnaire, an up-to-date survey that is based on business-oriented figures. The results you obtain can help you select an economically balanced system that matches your company's business goals.

The Quick Sizer calculates CPU, disk, memory and I/O resource requirements in a hardware- and database-independent format proposed workload. This makes it very useful for initial budgeting.

Sizing is an iterative process that continuously brings together business and technical requirements.

For an online sizing: [Start the Quick Sizer.](#)

News
August 2008: The Quick Sizer has been updated, for more information, see the [change history](#) of the Quick Sizer.

Feedback | Doc. Info | Add to Favorites

Change project 'BWA EXAMPLE'

Customer no.

Project Name

Limit User Access

Search

Search in Tree

Match whole word Phrase

Tree of Elements

- ▼ SAP Business Solutions
 - ▶ Project Information
 - ▼ SAP Business Suite
 - ▶ SAP CRM
 - ▶ SAP ERP
 - ▶ SAP SCM
 - ▶ SAP SRM
 - ▼ SAP PLM
 - ▶ SAP PLM
 - ▶ SAP Global Trade Services
 - ▶ Industry Solutions
 - ▼ SAP NetWeaver
 - ▼ Portal & KMC
 - ▶ Portal & KMC
 - ▶ Business Warehouse
 - ▶ Business Warehouse
 - ▶ Process Integration
 - ▶ Process Integration
 - ▼ NetWeaver Standalone Engines
 - ▶ NetWeaver Standalone Engines
 - ▼ Solution Manager
 - ▶ Solution Manager
 - ▼ Other SAP NetWeaver Components
 - ▶ Application Server

SAP Quick Sizer Tips



General

- Save Data Entries
- Calculate Result
- Switch Between Short and Long Column Headings

Help

- General QuickSizer Documentation
- Help on Filling in Questionnaire
 - Check section on Business Warehouse for more details on BW Accelerator relevant input

SAP Quick Sizer Data Entry



- Step 1: Enter number of users per user group and select "BWA" checkbox (Table 2)
- Specify how many Base Providers are used on average per query execution (MultiProvider)

Save Print page Calculate result Set to 'GoingLive' Set to 'Final' Feedback

Project BWA SIZING EXAMPLE

Workdays: 220 Status: Without Inputs Owner: Customer Method: All

Messages

The system automatically saved the data for 'Project Information'.

Check Input Use Default Values Long Headers Clear Questionnaire

SAP NetWeaver 7.0 -> Business Warehouse HW 7.0 : Change

Avg. workday Start: 09:00 End: 18:00 Peak load Start: 12:00 End: 13:00

Table 1: Throughput - User Groups Business Planning and IP Planning Sequences

Delete/Clear Insert 1 line(s)

Element	A/P	TI	Users *	Steps	ChngRec	Data/st.	Data/usr	S.t. *	E.t. *	Short text
PLANNING 1	P	P		6	30.000	60.000	200.000	12	13	
PLANNING 2	P	P		12	15.000	30.000	100.000	12	13	
PLANNING 3	P	P		30	5.000	10.000	25.000	12	13	

Table 2: Throughput - User Groups: Reporting & Analysis (BW and BWA)

Delete/Clear Insert 1 line(s)

Element	A/P	TI	BW user	Report.	OLAP	Explor.	Web	BWA	B.Priv.	S.t. *	E.t. *	Short text
BW-INFO	A	S	1000	80	20		<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	09	18	
BW-BUSIN.	A	S	200	50	50		<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	09	18	
BW-EXPERT	A	S	30			100	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	09	18	



Step 2: Enter size of each InfoCube and select "BWA" checkbox (Table 4)

- Fine-tune entries by setting ratios for Master Data and Distinct Values properly (see next slide)

Table 4: Throughput - Definition of InfoCubes (BW and BWA)

Element	A/P	TI	Dim.	KeyFig.	Initial load	Period. Upd *	Period *	BWA	% MD	Distinct values	% DVL	% DV1	Short text
INFOCUBE	A		9	12	21.000.000	10.000.000	30	<input checked="" type="checkbox"/>	10	1.000.000	20	5	POS - DAY
INFOCUBE	A		8	24	55.000.000	12.500.000	30	<input checked="" type="checkbox"/>	10	1.000.000	20	5	Inventory - DAY
INFOCUBE	A		9	12	100.000.000	20.000.000	104	<input checked="" type="checkbox"/>	10	1.000.000	20	5	POS - WEEK
INFOCUBE	A		12	11	500.000	300.000	730	<input checked="" type="checkbox"/>	10	20.000	20	5	Purchasing - DAY
IC-CRM	A		8	24	55.000.000	5.000.000	104	<input checked="" type="checkbox"/>	10	1.000.000	20	5	Inventory - WEEK
IC-FI	A		6	43				<input type="checkbox"/>	10	20.000	20	5	
IC-CO	A		8	34				<input type="checkbox"/>	10	20.000	20	5	
IC-HCM	A		10	11				<input type="checkbox"/>	10	20.000	20	5	

- Maximum value for initial/period load is 999,999,999. If you have more data, split the data into smaller InfoCubes (for sizing purposes). However, for such high data volumes we recommend not to use Quick Sizer and perform an expert sizing instead.



■ **Initial load & periodic load**

Initial load: Specify the estimated number of records which you plan to load into the cube initially.

Periodical load: Specify the estimated number of records which are loaded in your periodical upload process. You should take into account that you upload data volume grows with time.

■ **Number of periods**

Specify the total number of uploads which will be kept in the InfoCube. Example: if you want to keep weekly data for 5 years, you should enter 260 (52*5)

■ **BWA**

Specify if this InfoCube should be replicated into BW Accelerator.

■ **% MD**

Part of master data on total InfoCube size with the assumption that size is the sum of master data and InfoCube data. If you know that you have shared master data, you can enter "0" if you have already considered it once with another InfoCube.

■ **Distinct values**

Average number of different values over all key figure columns.

■ **% DVL**

Percentage of key figures columns with very low number of distinct values (sparse).

■ **% DV1**

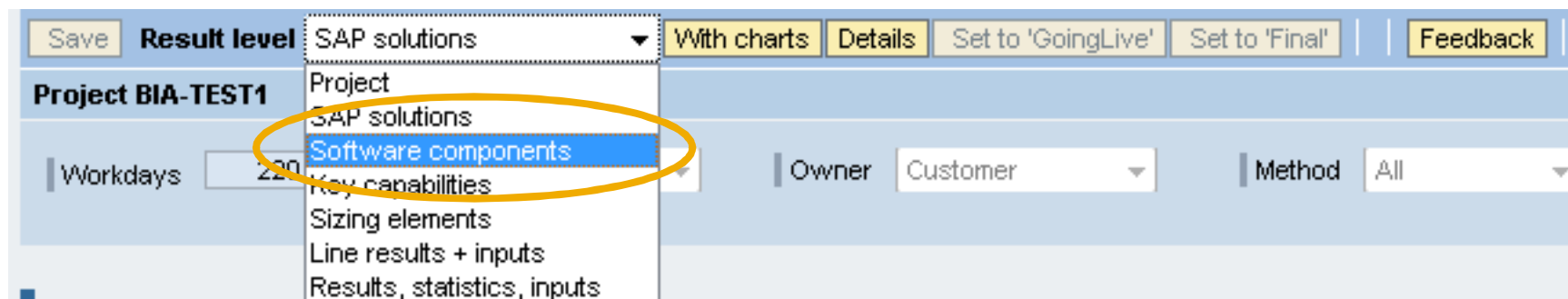
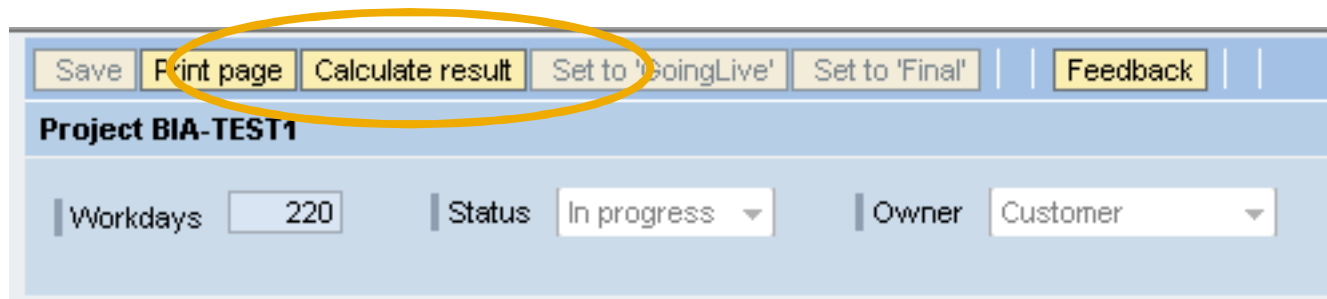
Percentage of key figure columns with one distinct value (super sparse).

SAP Quick Sizer Results



Step 3: Select **"Calculate Result"** and switch result level to **"Software Components"**

- "SAP Solutions" level does not show all BWA measures



SAP Quick Sizer Example

BW Accelerator Sizing Results – 1 –



Results Contain The Following Measures

- BWACPU (SAPS)
- BWA Memory
- BWA Disk Space

→ Based on these measures the hardware vendor can produce an offer

BWA CPU

- SAP Application Performance Standard (SAPS) is a hardware-independent unit of measurement that describes the performance of a system configuration in the SAP environment
- <http://www.sap.com/solutions/benchmark/measuring/index.epx>

Classic approach Combined approach

Print page How to interpret the results

All SAPS Memory and disk

Throughput Results for Software Components						
SW component	Release	Software component	SAPS (total)	DB SAPS	App. SAPS (ABAP)	BWA SAPS
BW SERVER	NW 7.0	BW Server	35.000	1.300	5.100	28.700

SAP Quick Sizer Example

BW Accelerator Sizing Results – 2 –



BWA Memory

- Total in MB
- Displayed in European notation (dot as thousand separator)

BWA Disk Space

- Total in GB
 - Older version of Quick Sizer show disk space in MB
 - Hover with mouse over column heading to see if it's MB or GB
- Displayed in European notation (dot as thousand separator)

Note:
These are final numbers.
Do NOT multiply by 2 for
memory and 3 for disk!

Example: 428032 MB
correspond to 9 blades at
48 GB

SW component	Release	Memory (total, MB)	DB Memory	App. Mem. (AB/AP)	BWA Memory	L3 Disk (GB, total)	BWA disk
BW SERVER	NW 7.0	461.824	12.288	22.518	428.032	6.197	626

Sizing Alternative



If you already have a BW system (loaded with data), then the program and method described in SAP Note [917803](#) is recommended

- Computes memory requirements, disk space, and sparsity of the transaction data
- Also runs on SAP BW 3.x
- Take program output and enter it into Quick Sizer for final sizing calculation or use the sizing formula as described in the SAP Note

The screenshot shows two SAP dialog boxes. The top one is titled "ABAP: Program Execution" and has a "Program" field containing "RSDDTREX_MEMORY_ESTIMATE". The bottom dialog is titled "Estimate Memory Usage of BIA Index to InfoCubes" and contains the following settings:

- InfoCubes: BTCT_C01
- Accuracy (selected)
- Part of Facts
- Larger Table of Fact Views
- Fast
- Display per Table Field (checked)
- Database Statistics Used (checked)
- No of Columns per Selection: 50

Sizing Alternative



Sizing Program RSDDTRES_MEMORY_ESTIMATE

BI Accelerator Sizing Estimate - Summary

Text	Value	To Value
Start Time	2008-02-11 13:02:09	
End Time	2008-02-11 13:02:11	
Duration (Minutes)	0.0	
Start Options:		
InfoCube (SO_CUBE)	0TCT_C0*	
All Tables (P_BOTH)	X	
Complete Data (P_DETAIL)	X	
Details by InfoCube (P_ATTR)	X	
Use DB Statistics (P_DBSTAT)	X	
Number of Columns per Select (P_COLS)	50	
Store Results (P_STORE)	X	
Minimum Table Change % (P_CHANGE)	10	
Grand Totals:		
Number of InfoCubes	3	
Total Memory [KB]	89,674	
InfoCube Memory [KB]	66,920	
Master Data Memory [KB]	22,754	
Total Memory [MB]	87.6	
InfoCube Memory [MB]	65.4	
Master Data Memory [MB]	22.2	

BI Accelerator Sizing Estimate - List by Table

Table Name	Memory [KB]
/BIO/STCTDMCNT	
/BIO/STCTDMUID	30
/BIO/STCTHANDLTP	
/BIO/STCTIFPROV	1
/BIO/STCTOBJPROP	14
/BIO/STCTOBJVERS	2
/BIO/STCTSESUID	4,033
/BIO/STCTSTEPTP	2
/BIO/STCTSTEPUID	11,940
/BIO/STCTSYSID	2
/BIO/STCTTABLTP	2
/BIO/STCTTIMSTMP	6,065
/BIO/STCTUSERNM	18
/BIO/STCTWP_ID	3
/BIO/MTCT_C01F	15,155
/BIO/MTCT_C01F	0
/BIO/MTCT_C01F	0
/BIO/MTCT_C02F	50,783
/BIO/MTCT_C02F	0
/BIO/MTCT_C03F	468
/BIO/MTCT_C03F	0
/BIO/MTCT_C03F	0
/BIO/MTCT_C03F	0

BI Accelerator Sizing Estimate - List by InfoCube

InfoCube	# Dimensions	# Key Figures	# Records	# Avg. Distinct	# Sparse Key Figures	Memory (Min) [KB]	Memory (Max) [KB]
0TCT_C01	15	10	444,684	26,717	9	15,155	18,237
0TCT_C02	15	3	1,999,424	39,214	17	50,783	55,175
0TCT_C03	15	8	17,489	1,205	8	468	524

Note:
 These numbers reflect current data size. You have to take future growth into consideration and multiply by 2 for memory and 3 for disk!

Scenarios

- After an initial sizing, you start indexing more and more InfoCubes
- Data volume grows rapidly for InfoCubes that are already indexed
- You use SAP BusinessObjects Explorer, accelerated version
 - Additional memory required for BW text tables
 - Loading non-SAP data via SAP BusinessObjects Data Services
- You use new SAP NetWeaver BW 7.3 functionality
 - Master Data Provider and F4 value-help with BW Accelerator
 - BW Accelerator Indexes for VirtualProviders

Recommendations

- Make sure you do not overload the BW Accelerator
 - See SAP Notes [1093719](#), [1132572](#)
- Distributing data optimally across BW Accelerator blades
 - See SAP Note [1163149](#)

Note:
Resize your BW Accelerator at regular intervals and if necessary add additional blades or memory

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High-End Scalability with SAP NetWeaver BW Accelerator



Project Jupiter – Executive Summary

- SAP NetWeaver BW Accelerator ready for rapidly growing data volume
- No scalability limits identified (tested up to 140 blades)
- Proven manageability of large-scale SAP NetWeaver BW installations
- Impressive throughput – for both writing and reading BW Accelerator indexes
- High reliability

Project Jupiter Facts

- 25 TB InfoCube data (corresponds to overall 50-70 TB data warehouse)
 - Total of 78 InfoCubes, 30 billion rows
- 135 IBM HS21 blades (2 dual-core CPUs, 16GB)
 - 17 TB storage
 - Plus 5 backup blades → not needed, as there were no hardware outages

High-End Scalability with SAP NetWeaver BW Accelerator



Further Information

- <https://www.sdn.sap.com/irj/sdn/BWA>

Recommended Reading

- [The SAP NetWeaver BW Accelerator - WinterCorp Whitepaper](http://www.sdn.sap.com/irj/sdn/bwa?rid=/library/uuid/23fd0dc2-0d01-0010-448e-bf3cc1aa08b6)
<http://www.sdn.sap.com/irj/sdn/bwa?rid=/library/uuid/23fd0dc2-0d01-0010-448e-bf3cc1aa08b6>
- [Large-Scale Testing of the SAP NetWeaver BW Accelerator](http://www.sdn.sap.com/irj/sdn/bwa?rid=/library/uuid/b00e7bb5-3add-2a10-3890-e8582df5c70f)
<http://www.sdn.sap.com/irj/sdn/bwa?rid=/library/uuid/b00e7bb5-3add-2a10-3890-e8582df5c70f>

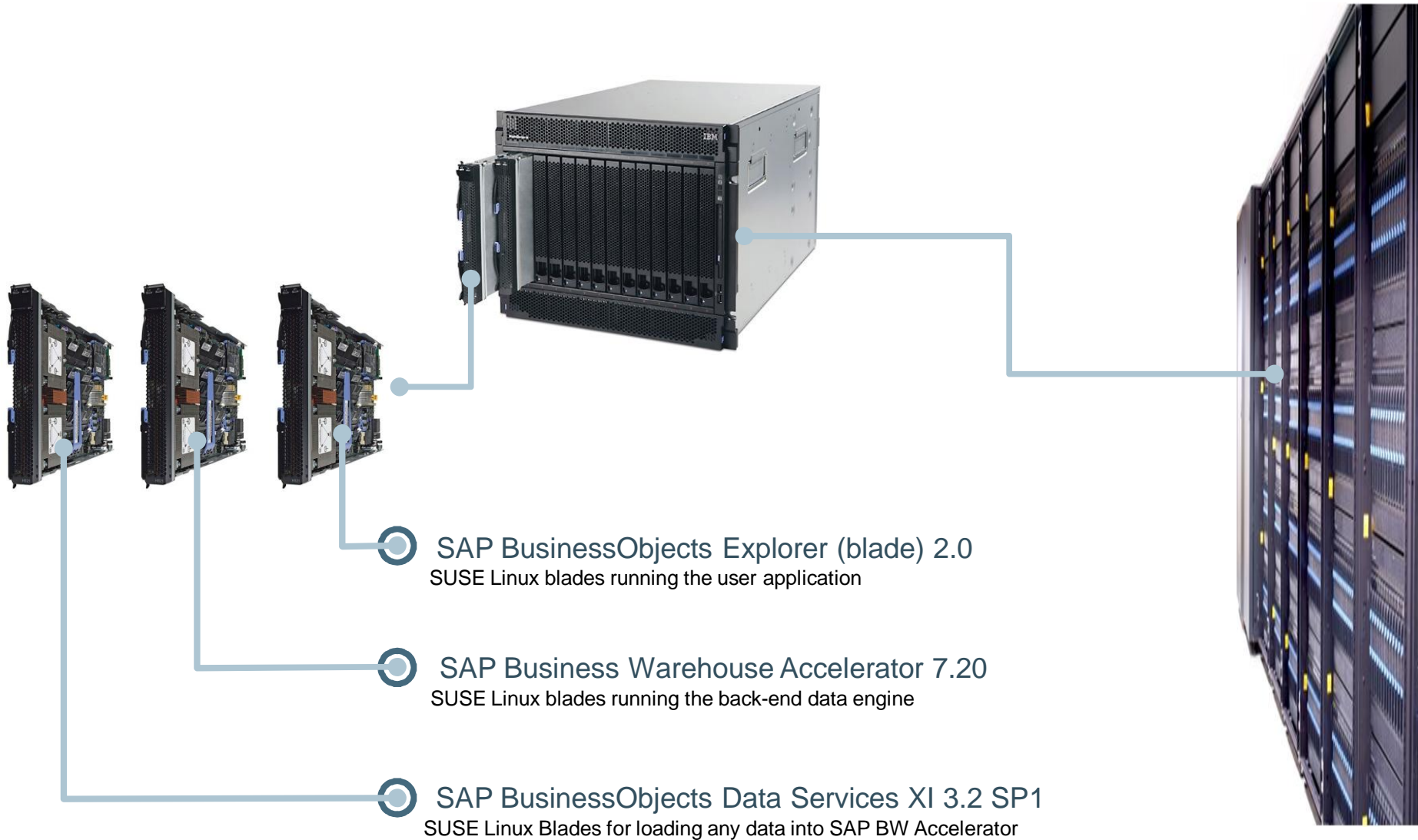


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5. **SAP BusinessObjects Explorer, Accelerated Version**

SAP BusinessObjects Explorer, accelerated version, Runs on Blade Hardware



SAP BusinessObjects Explorer, Accelerated Version



Sizing Guide for SAP BusinessObjects Explorer

- See attachment of SAP Note [1398242](#)

Note:
CPU/SAPS-based sizing
is mandatory for Explorer

CPU Sizing for SAP BusinessObjects Explorer

- Explorer puts high demand on CPUs in BW Accelerator
- Use Quick Sizer to get an initial SAPS number (for BW reporting) and **add** to it the SAPS number from the Explorer sizing tool

SAP Technology RIG Know-how Network Call:

- [How to configure SAP BusinessObjects Explorer on top of SAP NetWeaver BW Accelerator](http://www.sdn.sap.com/irj/scn/events?rid=/library/uuid/50b0defc-131b-2c10-83a1-99631e1c231c)
<http://www.sdn.sap.com/irj/scn/events?rid=/library/uuid/50b0defc-131b-2c10-83a1-99631e1c231c>

For more information please check SAP Service Marketplace

- <http://service.sap.com/bosap-explorer>

Documentation

- http://help.sap.com/content/documentation/netweaver/bobj_explorer_wave2.htm

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- Thank you for your investment in SAP products, we remain committed to your success and will protect that investment
- With the SAP BusinessObjects portfolio, SAP adds best-in-class, open, end-to-end business intelligence and information management capabilities to the industry-leading business software portfolio

For more Information:

- Please visit: <http://www.sap.com/sapbusinessobjects>
- <http://www.sdn.sap.com/irj/sdn/edw> and <http://www.sdn.sap.com/irj/sdn/bwa>



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