## **Quick Sizer for Beginners**

This is a short guide that helps you to use Quick Sizer, if you are new to the tool

Performance, Architecture, Scalability March 2015

Customer



## **Overview**



This presentation will:

- Introduce SAP's Quick sizing initiative
- Explain how to create a sizing project with Quick Sizer
- Explain the structure and the functions of Quick Sizer
- Explain error handling
- Introduce Quick Sizer results
- Explain the collaboration between Quick Sizer and GoingLive Check

## **Process for a Quick Sizing – Overview**

#### Preconditions

- Access to the SAP Service Marketplace
- A valid customer number

For	an initial sizing recommendation, proceed as follows
1	Call http://service.sap.com/quicksizing
2	Create a sizing project with the relevant information, such as number of users
3	Get an initial sizing result for CPU, disk, and memory
4	Possibly apply additional guidelines on top
5	Check for sample configurations at www.sap.com/benchmark
6	Provide hardware vendor with Quick Sizer project name and the information whether classic Quick Sizer or HANA Quick Sizer was used (and additional guidelines, if desired)

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# i Notes for Unicode, Good Response Times, and Check for Benchmarks

#### i Note for Unicode

The Quick Sizer results include Unicode requirements. For more information on additional requirements caused by Unicode, see <u>http://service.sap.com/unicode</u> -> Unicode Media Library -> Unicode information on specific topics: Unicode Hardware Requirements and Customer Experiences.

#### i Note for Good Response Times

For good response times choose CPUs with a good single-thread performance, see also KPI Single Computing Unit performance.

#### i Note for Check for Benchmarks for Quick Sizer

As the Quick Sizer tools calculates for 65% utilization, you can use this value to check with existing benchmarks results. You do not have to do any more calculations.

## **Assumptions for This Guide**

To keep this guide as short as possible, we assume that you know

- The principles of user and throughput sizing
- What SAPS are

If not, please have a look

- at the documentation on service.sap.com/quicksizing -> 'Sizing by Users and by <u>Throughput</u>' and
- a SAPS definition at <a href="http://www.sap.com/benchmark">www.sap.com/benchmark</a> -> Measuring in SAPS

## **Characteristics and Scope of Quick Sizer**

Characteristics and Scope of Quick Sizer

- Initial sizings only
- Quick Sizer does not contain all SAP applications
- Quick Sizer has two flavors: Quick Sizer classic version and Quick Sizer HANA version
- Current releases only
- Online questionnaire
- Availability: 24\*7
- Quick Sizer results contain requirements for CPU, memory, disk, and I/O
- For more details check the document ,Quick Sizer Best Practices' on the Service Marketplace at <u>service.sap.com/sizing</u> (<u>http://service.sap.com/~sapidb/011000358700000108102008E</u>)</u>

#### Not in Scope

- Not in scope are post go-live sizings (except delta sizing of a new SAP application)
- Configuration, landscaping and customer coding

#### Limited Scope

 Sizing platform-type SAP software, e.g.SAP NetWeaver Business Warehouse, SAP NetWeaver BW powered by HANA or SAP NetWeaver Portal have questionnaires within Quick Sizer, but have to be handled carefully.

## **Quick Sizer Versions Classic and HANA I/III**

#### Access

You can access the versions via service.sap.com/quicksizer : Choose the appropriate tool: Classic version or HANA version.

#### **Projects**

Quick Sizer projects will only be displayed and can only be accessed in the Quick Sizer version in which they were created. That means, if you create a project in the classic version, you can access this project only using the classic version and if you create a project in the HANA version, you can access this project only using the HANA version.

As all Quick Sizer projects use the same name space, projects cannot have the same name in the classic and HANA version of the Quick Sizer tool.

#### **Questionnaires**

You will find some of the sizing questionnaires in both Quick Sizer versions (e.g. ERP Sales), some only in the classic version (e.g. SAP NetWeaver Business Warehouse), and some only in the HANA version (e.g. HANA sizings).

## **Quick Sizer Versions Classic and HANA II/III**

#### Input

There are no different input fields for the classic and HANA version of the Quick Sizer tool.

#### **Calculation checks**

There are differences regarding calculation checks for the classic and HANA version of the Quick Sizer tool. For example, in the HANA version for 'DB memory' and 'total memory' there is no more check that average is lower than peak sizing.

#### **Calculation details for Quick Sizer HANA version**

Aggregation logic of DB memory does not correspond with classic DB memory, but with LiveCache. This means that there is no differentiated chronologically process, occuring values will be added also if they occur in different time slots.

With X, Y, and Z as constants.

DB memory	=	classic DB disk * X	
DB disk	=	DB memory * Y	DB memory is only calculated when disk space is calculated. At last that means that
DB SAPS	=	classic DB SAPS * Z	for almost all peak sizings and some user- based sizings there will be no DB memory calculated.

## **Quick Sizer Versions Classic and HANA III/III**

#### Output

For Quick Sizer HANA version there is an additional category for memory displayed.

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## i Notes for Upgrades for Quick Sizer Classic Version

There are two types of upgrade: technical and functional.

A technical upgrade is an upgrade from one release to the next higher release of a particular SAP application (e.g. SAP R/3 Enterprise  $\rightarrow$  SAP ECC 6.0). In this case, significant differences with regard to architecture and functionalities are not expected (performance will not change significantly). Since sizings using Quick Sizer are based on specific scenarios and contain many assumptions, Quick Sizer is not the appropriate tool to size technical upgrades. It is much more accurate to measure the current resource requirements of the system and adding the requirements of the new release. SAP provides upgrade notes with information about additional resources for CPU, memory, and disk when upgrading from one release to another.

Functional upgrades are upgrades with significant changes in functionality and/or architecture (e.g. SAP CRM 2007  $\rightarrow$  SAP CRM 7.0).

Find more details in the document "Quick Sizer Best Practices" which is located on the SAP Service Marketplace <u>http://service.sap.com/sizing</u> (<u>http://service.sap.com/~sapidb/011000358700000108102008E</u>).

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- Explain how to create a sizing project with Quick Sizer
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- Explain error handling
- Introduce Quick Sizer results
- Explain the collaboration between Quick Sizer and GoingLive Check

## **Creating a Sizing Project**

•	_
	Pro
188213	• Y
Change Project	(1
Display Project	• E
Show Examples	• F
ers.	a
	Display Project Show Examples

#### Procedure

- You find your customer number as default (this can be overwritten)
- Enter a project name at your discretion
- Read and accept the disclaimer, if you are a first-time user

a

Trusted sites

## **Details on Quick Sizer Start Page**

#### **Create Project**

 When a new project is opened, the project information questionnaire will always be shown at first.

#### **Change Project**

 Choose this function, if you have already worked on a project and want to change it.

#### **Display Project**

Data cannot be changed when you use this function.

#### **Quick Sizer for Beginners**

 The link ,Quick Sizer for Beginners' shows this presentation about the Quick Sizer tool and how it is used.

		•
Customer	110. L	188213
Create	Project	Change Project
Create Create v	<u> </u>	Change Project Display Project
	vith ref.	

sizings within Quick Sizer recently

## **Details on Quick Sizer Start Page**

Create with reference function - If you want to copy your project

- Enter project name and choose create with reference
- When the new project is opened, the project information questionnaire is shown

#### Project search function - If you forgot the project name

- You can search for projects you have been working on
- Push the button *Show my projects*
- Quick Sizer displays a list of projects you have been working on before ٠
- Mark the project and choose change

Show examples function - If you want to take a look at an example for a application

- You can check for all available example projects
- 1Note:

The number of example projects will increase as they are part of new / updated

Customer no. Project Name	188213
Create Project	Change Project
Create with ref.	Display Project
Show my Projects	Show Examples
Quick Sizer for beginne	<u>rs</u>

## **Overview**



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- Introduce SAP's Quick sizing initiative
- Explain how to create a sizing project with Quick Sizer Classic Version
- Explain the structure and the functions of Quick Sizer Classic Version
  - Navigation (e.g. limit user access, search)
  - Project-Wide Information / Project Header Information (e.g. help, online documentation)
  - Questionnaire

Questionnaire-Wide Information

User-based Sizing (user-based sizing tables)

Throughput-based Sizing (throughput-based sizing tables)

- Explain error handling
- Introduce Quick Sizer results
- Explain the collaboration between Quick Sizer and GoingLive Check

## **Structure of Quick Sizer**

•		ngle Computing Unit Quick Sizer tool documentation Disclaimer
Change project 'DK_V38_CLASSIC'	Project DK_V38_CLASSIC	
	Workdays 220 Status Without Inputs V Owner Customer V Method All V	Ducient wide
Customer no. 188213		Project-wide
Project Name DK_V38_CLASSIC		information
Limit User Access	Messages	Information
Exit	Corresponding sizings with the other sizing method can be entered in the Quicksizer for Questionnaire 'CRM Sales'.	
	A With Microsoft IE 10.0 you get best user experience and correct display of the Quick Sizer tool, if the IE 5.0 quirks mode is enabled.	<ul> <li>Workdays</li> </ul>
	This is done by pressing first 'F12' and then the combination of 'ALT' and 'U'.	Status
Classic	The system automatically saved the data for 'CRM Sales'.	• Status
Search	Project Data	Owner
	Customer no. 188213 Created by D021685 Created on 24.11.2014	Version date 24.11.2014
Match whole word Phrase V	Project Name DK_V38_CLASSIC Modified by D021685 Modified on 24.11.2014	Method
Input Navigation Tree	New System / System Extension	🔹 Links to hardware 🔤
✓ SAP Business Solutions	New SAP Business Solution/Software Component     O SAP Business Solution/Software Component Extension	vendors
<ul> <li>Project Information</li> <li>SAP Business Suite</li> </ul>	Per default, gross results are displayed for new SAP Business Solutions / Software Components (with offsets).	VEHICUIS
Analytics Solutions	If you choose 'SAP Business Solution/Software Component Extension' net results are displayed. This choice is saved for the project.	Documentation
▶ Mobile		Decamentation
Industry Solutions	Platform and Communication (information only, not included in Quick Sizer calculation)	<ul> <li>Disclaimer</li> </ul>
> SAP NetWeaver	System Availability (inform Control of the Control	
Navigation	System Availability (infor Network Infrastructure (	
Ũ		
<ul> <li>Solutions</li> </ul>	Hardware infrastructure (optional)	
	Per solution / key capability	
<ul> <li>Key capabilities</li> </ul>		

## <sup>i</sup> Notes for Structure of Quick Sizer Navigation / First Screen

#### Navigation

- Flag *Limit User Access* If you set this flag, you create a 'protected' project, find details on one of the following slides.
- The *exit* function takes you back to the start screen. i Note: if you use the exit button, changes after the last explicit save (using the *Save* button) or implicit save (changing a questionnaire or calculating results) will not be considered.
- Search function is described on one of the following slides.
- To navigate, click on the small arrow. The questionnaire you are currently working on is marked bulb symbol.

### First Screen = Project Information

- Optional hardware infrastructure and contact information.
- Choose whether you want to see gross or net results on project, solutions, and software component result level (*New System / System Extension*). This choice will be saved for the project. Per default, gross results are displayed for 'New SAP Business Solution/Software Component' (with minimal offsets). Find details later on.
- Information only: input on this questionnaire has no influence on calculation.

## i Notes for Structure of Quick Sizer Sizing Questionnaires

#### Quick Sizer Sizing Questionnaires – Classic and HANA version

- In classic and HANA version:
  - SAP Business Suite (Classic Quick Sizer) / SAP Business Suite powered by HANA (HANA Quick Sizer): SAP Fiori, CRM, SAP Web Channel Experience Management, SAP ERP, SAP SCM, SAP Transportation Management, SAP SRM, SAP GTS
  - Analytics Solutions: SAP BusinessObjects Business Intelligence
  - Industry Solutions: SAP for Banking, SAP for Insurance, SAP for Retail, SAP for Utilities
  - SAP NetWeaver: Gateway, Fiori Front-End Server, Solution Manager, Application Server
- Only available in classic version
  - SAP Business Suite: SAP PLM (links to PLM sizing guidelines available on the SAP Service Marketplace)
  - Analytics Solutions: links to further Analytics Solutions sizing guidelines available on the SAP Service Marketplace
  - Mobile: SAP Mobile Apps, SAP Mobile Platform
  - SAP NetWeaver: Business Warehouse, Portal & KMC, Process Integration, NetWeaver Standalone Engines
- Only available in HANA version
  - SAP NetWeaver BW powered by SAP HANA
  - Standalone HANA

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Questionnaire-Wide Information

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Throughput-based Sizing (throughput-based sizing tables)

- Explain error handling
- Introduce Quick Sizer results
- Explain the collaboration between Quick Sizer and GoingLive Check

## **Navigation**

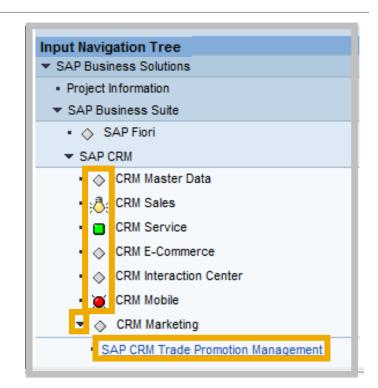
To open a questionnaire, click on the text

Meaning of the icons:

- Grey: no input yet
- Green: questionnaire filled in, no errors
- Yellow light bulb: Current questionnaire
- Red: questionnaire filled in and contains errors
  - If errors, no results are calculated
  - If you open a project with errors on specific questionnaires, the navigation show the key capabilities with errors

If you click on the arrow, the list is displayed:

 Links to sizing guidelines that are not included in Quick Sizer



## **Navigation – Limit User Access**

If you check the flag *Limit User Access*, only you as project owner can grant other persons access to the project data:

- Enter the user-IDs of these persons and choose the Add user button (then you see these user-IDs in the drop-down listbox)
- To delete persons from your access list, set the cursor on the user-ID in the drop-down listbox and choose Delete user

In your project overview list protected projects are marked

If you uncheck the flag, your project can be accessed by everybody who knows the customer number and the project name

	•
Change proje	ect 'DK_V38_CLASSIC'
Customer no.	
Project Name	DK_V38_CLASSIC
	✓ Limit User Access
Exit	D021685 V Delete user
	Add user
	Add dati
Classic	
Search	
	Search in Tree
Match who	Dle word Phrase
Input Naviga	tion Tree
<ul> <li>SAP Busine</li> </ul>	
<ul> <li>Project Inf</li> </ul>	ormation
SAP Busin	ness Suite
Analytics	Solutions
Mobile	
Industry S	olutions
SAP NetW	/eaver

## **Navigation - Search**

The search is version dependent.

The program searches for your search string across the visible and invisible parts of Quick Sizer. The results are displayed in the input navigation tree.

All result lines are marked with an information icon.

If the string is found in the visible parts, the search string result will be presented bold and enlarged.

CRM Master Data

If the search string is found in the invisible parts, the entire result line will be presented bold, enlarged, and in italics.

• 🚹 InfoCubes

If a result only partially contains the search string, only the search string is marked bold and enlarged.

• MSA users sync hr onizing laptops

_	4
	Change project 'DK_V38_CLASSIC'
	Customer no. 188213 Project Name DK_V38_CLASSIC Limit User Access
	Search
Suit	Search in Tree
sult	Match whole word Phrase
	Match whole word Phrase Input Navigation Tree SAP Business Solutions
arch	■ Match whole word       Phrase ▼         Input Navigation Tree       ▼         ▼ SAP Business Solutions       ●         ● Project Information       ●         ● SAP Business Suite       ●         ● Analytics Solutions       ●         ● Mobile       ●
	Match whole word Phrase  Input Navigation Tree SAP Business Solutions Project Information SAP Business Suite Analytics Solutions

## i Notes for Navigation - Search

- The search function is version dependent, which means that it is available after you have opened a project. The search takes place within the version of the project you have opened and within the current Quick Sizer version.
- Parts of the input navigation tree which are not found in the project version but in the current Quick Sizer version will be presented with a (New) at the beginning.
- You cannot access these elements directly by clicking on them. To access these elements you have to open a project with the current Quick Sizer version.
- To access elements that are available in the project version click on them in the input navigation tree.
- If you check the flag Match whole word, words which only consist of the searched word are displayed. For example, if you enter 'HR without the flag, you also get '... synchronized ...' in your search results. If you check the flag Match whole word, these kind of results will not be displayed.
- You can also choose between *Phrase*, Or or And:
  - If you choose *Phrase*, you only get the results which contain the exact search string. For example, if your search string is 'Sales & Service', you get results such as 'Sales & Service'.
  - I you choose *Or*, you get all results which contain one or more words of your search string. For example, if you search for 'Sales Service' you get all results which contain either sales or service or both.
  - If you choose *And*, you only get the results which contain all your search strings. For example, if you search for 'Sales Service', you only get the results which contain both words.

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Questionnaire-Wide Information

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Fhroughput-based Sizing (throughput-based sizing tables)

- Explain error handling
- Introduce Quick Sizer results
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## **Project Header Information 1/2**

Save Print page Calculate result Set to 'GoingLive' Set to 'Final' Feedback	Hardware vendors Single Computing Unit Quick Sizer tool documentation Disclaimer
Project DK_V38_CLASSIC	
Workdays 220 Status In progress V Owner Customer	V Method All V

Functions in the project header

Saving of sizing data

- There are two methods for saving your input data:
  - Manually, by using the save button and automatically, by navigating from one questionnaire to another or by calculating results

Create print page for each page

Calculate result

Set project to 'GoingLive' and 'Final'

• Only active, if entries are made in this project

Feedback:

You can use this function to send us your feedback about the Quick Sizer tool anytime. Furthermore, this
anonymous survey will be conducted automatically for every version on a regular basis.

Direct access to hardware vendors sizing information with links 'Hardware vendors' and 'Single Computing Unit'

Quick Sizer tool documentation

Disclaimer

Change the number of workdays per year

Influences CPU, memory, and I/O, default: 220 days

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## **Project Header Information 2/2**

Save Print page Calculate	result Set to 'GoingLive' Set to 'Final' Feedback		Hardware vendors	Single Computing Unit	Quick Sizer tool documentation	Disclaimer
Project DK_V38_CLASSIC						
Workdays 220	Status In progress	Owner Customer	Method	I All V		

Status (details are explained later on)

- Empty project (,without entries')
- In progress
- GoingLive
- In progress after GL
- Final
- Inactive

Owner (details are explained later on)

• Displays GL version or customer version

Method

• Limit entry screen to user sizing, throughput sizing only or both, if display mode is chosen, otherwise method is inactive

## **Details on Project Header Information** Documenting Sizing Projects: Print Files

•	Sav Print page aculate result Set to 'GoingLive' Set to 'Finar   Feedback   Hardware vendors Single Computing Unit Quick Sizer tool documentation Disclaimer
Change project 'DK_V38_CLASSIC'	Projuna_uASSIC
Change project bk_v30_CEA33IC	Workdays 220 Status In progress V Owner Customer V Method All V
Customer no. 188213 Project Name DK_V38_CLASSIC	
Limit User Access	Messages
Exit	Corresponding throughput based sizing(s) can be entered in Quicksizer. Element: "SLS-USER', Sizing method:'A' (Table 1, line 3) ( CRM-SLS, CRM-SLSCON, CRM-SLSON )
	A with increasing in compared a barry of particular in a contract of particular in and or contract of the second of the sec
	A This is done by pressing first F12 and then the combination of 'ALT' and 'U'.
	1 The data for 'CRM Sales' were saved.
Classic	
Search	Check Input Use Default Values More Details Clear Questionnaire How to fill in the questionnaire
Search in Tree	
Match whole word Phrase	SAP CRM 7.0 → CRM Sales : Change
	Av Bhttos://webcid.wdf.san.c. rg/ - Print Page - Microsoft Internet Explorer
Input Navigation Tree	Shttps://webcid.wdf.sap.c rp/ - Print Page - Microsoft Internet Explorer
SAP Business Solutions     Project Information	
✓ SAP Business Suite	File Edit View Favorites Tools Help
A SAP Fiori	🖓 🔻 🕥 🔻 🖃 🖶 Page 🛪 Safety 🔻 Tools 🛪 🔞 🛪 🎇 🔚
- SAP CRM	
	Project DK_V38_CLASSIC
• :⊜: CRM Sales	Work days 220 Status In progress
	Work days 220 Status In progress V Method All V Owner Customer V
	Project Information
<ul> <li></li></ul>	Customer no. 188213 Created by D021685 Printed at 24.11.2014 CET 08:49:51
👻 🔶 CRM Marketing	Project Name DK_V38_CLASSIC Modified by D021685 Modified on 24.11.2014 Version 038
<ul> <li>SAP CRM Trade Promotion Management</li> </ul>	
<ul> <li><u>SAP CRM 7.1</u></li> </ul>	New System / System Extension
SAP Web Channel Experience Mgmt.	Ne * SAP ausi C* Linktion/Software Component X SAP Business Solution/Software Component Extension
SAP ERP	Printe cfileSiet information questionnaire is displayed.
▶ SAP SCM	
<ul> <li>SAP Transportation Management</li> <li>SAP SRM</li> </ul>	<ul> <li>From every page on Quick Sizer, you can create a print file</li> </ul>
SAP SKM	From every page on Quick Sizer, you can create a print file
SAP Global Trade Services	Avg. workday Start End Peakload Start End
✓ Analytics Solutions	Print directly
<ul> <li>SAP BusinessObjects Business Intelligence</li> </ul>	Table 1: Active Users - Standard Sizing
<ul> <li>(Further) Analytics Solutions Sizing Guidelines</li> </ul>	Save to disk
▼ Mobile	- Gave to disk
<ul> <li>SAP Mobile Apps</li> </ul>	
<ul> <li>SAP Mobile Platform</li> </ul>	Helpful for status documentation
Industry Solutions	
▼ SAP NetWeaver	
Gateway     Gateway     Gateway     Gateway	Comment
Generation Server     Susiness Warehouse	
O Portal & KMC	
Orocess Integration	

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## **Details on Help and Online Documentation**

	Save Print page Calculate result Set to 'GoingLive' Set to 'Final' Feedback Jisclaimer
•	Project DK V38 CLASSIC
Change project 'DK_V38_CLASSIC'	
	Workdays 220 Status in progress V Owner Customer V Method AI V
Customer no. 188213	
Project Name DK_V38_CLASSIC	
Limit User Access	Messages
Exit	D Corresponding throughput based sizing(s) can be entered in Quicksizer: Element: "SLS-USER", Sizing method:/A' (Table 1, line 3) ( CRM-SLS, CRM-SLSCON, CRM-SLSQOT )
	& With Microsoft E 10.0 you get best user experience and correct display of the Quick Sizer tool, if the E 5.0 quirks mode is enabled.
	▲ This is done by pressing first "F12' and then the combination of 'ALT' and 'U'.
	🚺 The data for 'CRM Sales' were saved.
Classic	
Search	Check hput Use Default Values More Details Clear Questionnaire How to fil in the questionnaire
Search in Tree	Circlex injust Use belank Values [ More Details ] Lear Questioninare] now to init in the questioninare
Match whole word Phrase V	SAP CKW /JU-> CKW Sales : Change
	Avg.workday Start End Peak load Start End
Input Navigation Tree	
SAP Business Solutions     Project Information	
<ul> <li>Project information</li> <li>SAP Business Suite</li> </ul>	Table 1: Active Users - Standard Sizing
SAP Fiori	Clear Insert The buttons in this line only work for marked lines in the lower table. Please mark the table line(s) first.
▼ SAP CRM	E Element A/P TI Low activity users Medium activity users High activity users Mon.* Short text
CRM Master Data	ACT-USER A S
• 👌 CRM Sales	OPP-USER A S
CRM Service	SLS-USER A S 10.000 12
CRM E-Commerce	
CRM Interaction Center	Table 2: Throughput - Standard Quick Sizer tool documentation
CRM Mobile	Table 2: Throughput - Standard 2: QUICK SIZEI LOUI GOCUITIEIT CALIDIT
CRM Marketing	Delete/Clear Insert 1 line a) The bullions in this line only work for marked lines in the lower table. Please mark the table line(s) first.
SAP CRM Trade Promotion Management	E Element AP 1 • General documentation on Quick Sizer
SAP CRM 7.1	CRM-SLSQOT A Y
AP Web Channel Experience Mgmt.	CRM-SLSQOT P P
▶ SAP ERP	CRM-SLS A Y
▶ SAP SCM	CRM-SLS P F How to fill in the question proirs
<ul> <li>SAP Transportation Management</li> </ul>	CRM-SLS P F How to fill in the questionnaire
▶ SAP SRM	CRM-SLSCON P P
▶ SAP PLM	Help per questionnaire
SAP Global Trade Services	
Analytics Solutions	Table 3: Throughput - Standard Lizing Without Line Items
Mobile	Delete/Clear Insert 1 line(s) The buttons in this line only work for marked lines in the lower table. Please mark the table line(s) first.
Industry Solutions     SAP NetWeaver	Element A/P TI Objects* % chg. % dsp. Mon.* Arch. S.t.* E.t.* ID Short text
SAP Netweaver	CRM-LEAD A Y
	CRM-LEAD P P P
	CRM-ACT A Y
	CRM-ACT P P P
	CRM-APP A Y

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Questionnaire-Wide Information User-based Sizing (user-based sizing tables) Throughput-based Sizing (throughput-based sizing tables)

- Explain error handling
- Introduce Quick Sizer results
- Explain the collaboration between Quick Sizer and GoingLive Check

## **Structure of Sizing Questionnaires**

	k Input   Use Defaul CRM 7.0 -> CRM Sal			re Details    Clear Questionn	aire		Q	Questionnaire-wide information							
Avg.	Avg. workday Start End Peak load Start End 09:00 18:00 12:00 13:00 13:00 13:00														
Tab	Table 1: Active Users - Standard Sizing														
Cle	Clear Insert The buttons in this line only work for marked lines in the lower table. Please mark the table line(s) first.														
₽	Element											Mon.	* Short text		
	ACT-USER	Α	s												
	OPP-USER	Α	s												
	SLS-USER	Α	s												
_															
Tab	Table 2: Throughput - Standard Sizing Throughput-based sizing														
De	lete/Clear Insert	1	line(s)	The buttons in this line o	nly work for m	arked lines in th	e lower table	. Please mark th	e table lin			- gri	par baoba bizing		
₽	Element	A/P	TI	Objects *	Items *	% chg.	% dsp	. Mon. *	Arch.	S.t. *	E.t. *	ID	Short text		
	CRM-SLSQOT	A	Y							09	18				
	CRM-SLSQOT	Р	Р							12	13				
	CRM-SLS	A	Y							09	18				
	CRM-SLS	Р	Р							12	13				
	CRM-SLSCON	Α	Y							09	18				
	CRM-SLSCON	Р	Ρ							12	13				

#### Note

The basic layout of the questionnaires is the same:

Questionnaire-wide information and sizing tables

We distinguish between two types of sizing: user-based and throughput-based

- Most questionnaires contain both, some only one or the other
- Each sizing method calculates a completely separate sizing result

## **Details an Questionnaire-Wide Information**

	eck Input    Use Default Values    More Details    Clear Que
	P CRM 7.0 -> CRM Sales : Change
Peak load Start End	g. workday Start End Peak load

Changing average workday and peak times

- Default workday: 9-18, default peak: 12-13
- You can modify these entries at questionnaire level
  - The average workday entry will change for all average sizings
  - The default peak will be changed for lines without entries and new lines

Check input: You can check the questionnaire for entry errors

Use default values: You can reset to default values if you changed them before (e.g. for Portal)

More Details: You can choose between more and less details. If you choose more details besides the abbreviation for the sizing element, also a longer short text for the sizing element is displayed. This adjustment will be kept if you change the questionnaire.

Clear questionnaire: You can clear all information you entered on a questionnaire by using this button

Link: How to fill in the questionnaire

## **User-Based Sizing**

Table 1: Active Users - Standard Sizing													
Clear The buttons in this line only work for marked lines in the lower table. Please mark the table line(s) first.													
卧	Element	A/P	TI	Low activity users	Medium activity users	High activity users	Mon. *	Short text					
	CO-USER	Α	S										
	FI-USER	Α	S										

User-based sizing only considers concurrently active users

Most user-based sizings follow the standard pattern of low, medium, and high activity users

- Think times between screen changes of 5 minutes, 30 seconds, and 10 seconds
- The usual distribution is 60-70% low, 30% medium, 5-10% high
- If in doubt, take medium activity users

If disk is calculated, you also need to enter the residence time in months

The user-based sizing result is independent of the throughput-based sizing result

## **User-Based Sizing Tables**

Table 1: Active Users - Standard Sizing													
Clear Insert The buttons in this line only work for marked lines in the lower table. Please mark the table line(s) first.													
₽	Element	A/P	ТІ	Low activity users	Medium activity users	High activity users	Mon. *	Short text					
	CO-USER	A	S										
	FI-USER	Α	S										

Input fields and functions: All entry fields are white, non-entry fields are blue, mandatory input fields are marked with a star (\*)

Clear, mark and tray functions: Insert and delete marked lines or clear the entries for marked lines, collapse or expand the table (less details was chosen)

- Element can be business objects, scenarios, or defined entities relevant for sizing. On mouse over will
  display the long text
- A/P classifies whether it is an average or peak sizing: for user-based sizing this is set to average sizing
- TI determines the time interval of the sizing, here it is set to snapshot. This column shows the chronological scope of the next fields
- Low/Medium/High activity users to reflect the user number and activity
- *Mon.* : the residence time in months is needed when disk is calculated for a user-based sizing
- Short text field for adding some comments

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## **Throughput-Based Sizing**

Dele	te/Clear Insert	1	line(s)										Display of less detail
ß	Element	A/P	TI	Objects *	% chg.	% dsp.	Mon. *	Arch.	S.t. *	E.t. *	ID	Short text	
	CRM-LEAD	Α	Y						09	18			less detai
	CRM-LEAD	Р	Р						12	13			
	CRM-ACT	А	Y						09	18			was chos
	CRM-ACT	Р	Р						12	13			
	CRM-APP	Α	Y						09	18			
	CRM-APP	Р	Р						12	13			
	CRM-OPP	Α	Y						09	18			
	CRM-OPP	Р	Р						12	13			

Input fields and functions: All entry fields are white, non-entry fields are blue, mandatory input fields are marked with a star (\*)

Functions in the input tables:

- Tray
- Mark lines
- Delete / Clear

## **Throughput-Based Sizing Tables**

Table 2: Throughput - Standard Sizing														
Dele	Delete/Clear Insert													Display of
B	Element	А/Р	TI	Objects *	Items *	% chg.	% dsp.	Mon.*	Arch.	S.t. *	E.t. *	ID	Short	less details
	CO-PA-BIL	А	Y							09	18			was chosen
	CO-PA-BIL	Ρ	Р							12	13			

Element:

To identify the sizing element. On mouse over will display the long text in detail

Can be business object, entity, scenario, ...

#### A/P - (A)verage or (P)eak

Determines if a sizing is an average sizing or a peak sizing

Peak time is not for disk sizing and geared at determining the absolute top CPU, memory, and I/O sizing

#### TI - Time interval

Shows the chronological scope of the next field

- (Y)ear: number of objects per year
- Peak (P)eriod: Number of objects per defined time period
- (S)nap shot: Number of objects at anyone time

#### Objects - Number of objects

Objects can be orders, projects, data records,...

#### Items

Sub objects such as line items, WBS elements, key figures,  $\ldots$  per object

% chg / % dsp - changes & displays in % Number of changes and displays to an object in %. 1 change = 100%

Mon. = Months - Residence time in months

#### Arch. - Archiving project planned

No influence on sizing result

#### S.t. / E.t - Begin and end of processing times

Workday:

- Can only be modified for entire questionnaire
- Cannot be overwritten in input line

Peak period:

- Default can be changed for all empty lines
- Can be overwritten

#### ID - Identification

For checks and calculations of (multiple) average(s) and/or peak(s)

#### Short text - Text field for comments

35

## **Overview**



This presentation will:

- Introduce SAP's Quick sizing initiative
- Explain how to create a sizing project with Quick Sizer
- Explain the structure and the functions of Quick Sizer
- Explain error handling
- Introduce Quick Sizer results
- Explain the collaboration between Quick Sizer and GoingLive Check

## **Error Handling 1/3**

Check Input	Use Default Values	More Details	Clear Quest	ionnaire		
SAP CRM 7.0	-> CRM Sales : Cha	inge				
Avg. workda	y Start End 09:00 ✔ 18		Peak load	Start 12:00 🗸	End 13:00 🗸	

Input errors such as

Mistyping - e.g. give in letters instead of numbers - will be automatically cleared

There are basically two types of error handling:

Non-requested

- Upon leaving the questionnaire (indirect save)
- When you save the questionnaire data

Requested

Use check function

## **Error Handling 2/3**

Save	Print page Calcul	ate res	ult Se	et to 'GoingLive' Set to 'Fina	Feedback		Hardwa	are vendors Si	ngle Computing Unit	Quick Sizer tool documentation	Disclaimer
Proje	ct DK_V38_CLASSI	С									
Wor	kdays 220	St	tatus [	In progress	~	Owner	Customer	✓   M	lethod All	Print without headers	
Mes	sages										_
🛆 E	lement-internal m	andat	ory fie	ld error/warning occurre	d:						
<b>0</b> E	lement: 'NW-EP-URL'	, Sizin	g meth	od:'A': Please fill all of these	fields or they must	be empty: C	on.User ( CON	ICURRENT ), Think	t. ( THINKTIME ),(Tab	le 1, line 1)	
Δv	Vith Microsoft IE 10.0	) you g	et best	user experience and correc	t display of the Qui	ck Sizer tool	, if the IE 5.0 q	uirks mode is enab	led.		
۲ 🕰	his is done by press	ing firs	st 'F12' a	and then the combination of	'ALT' and 'U'.						
-											
Check	Input Jse Default	Value	Mor	e Details Clear Questionna	ire					How to fill in th	e questionnaire
										How to hir in th	e questionnaire
SAP N	etWeaver 7.3 -> Po	ortal &	KINC N	IW 7.3 : Change							
Avg.	workday Start	Er	nd	Peak load Sta	art End						
	09:00	✓ 1	8:00 💊	- 12	2:00 🗸  13:00 🗸	•					
											_
Tabl	e 1: Active Users -	NetW	eaver	Portal							
Del	ete/Clear Insert	1	line(s)	The buttons in this line on	ly work for marked	l lines in the	lower table. Pl	ease mark the tabl	e line(s) first.		
₽	Element	A/P	TI	Con.User *	Think t. 1	e -	Emb.iV.	URL iV.	Design	Short text	
	NW-E			10		1		1	AFP		
	NW-EP-INT	А	s		211				AFP		
	NW-EP-PCC	Α	s						AFP		
						1			1	1	

You can use the check function to see which input errors are on the respective questionnaire

Errors as well as information are shown with a message text and displayed on the respective input lines

### **Error Handling 3/3**

Save Result level SAP solutions 🔽 Details Set to 'GoingLive' Set to 'Final'	Hardware vendors Single Computing Unit Quick Sizer tool documentation
Feedback	Disclaimer
Project DK_V38_CLASSIC	
Workdays 220 Status In progress V Owner Customer V	Method All
Hannana	
Messages	
A With Microsoft IE 10.0 you get best user experience and correct display of the Quick Sizer tool, if the IE 5.0 quirks mo	de is enabled.
⚠ This is done by pressing first 'F12' and then the combination of 'ALT' and 'U'.	
There are still input errors on questionnaire PORTAL	
The system automatically saved the data for 'Portal & KMC'.	
Element-internal mandatory field error/warning occurred:	
Belement: 'NW-EP-URL', Sizing method:'A': Please fill all of these fields or they must be empty: Con.User (CONCURREN	NT ), Think t. ( THINKTIME ),(Table 1, line 1)

If you leave a screen, the data is saved automatically. If there are errors, it is shown on the next screen

If there are input errors, no results will be calculated at all

#### **Overview**



This presentation will:

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- Explain the collaboration between Quick Sizer and GoingLive Check

## Sizing Results for Quick Sizer Classic Version

Result

• Name & release, depending on level (SAP solution, software component, key capability)

CPU

Category & SAPS

Memory

• MB

#### Disk

Category & GB (exception: statistics table MB)

I/O

Category & I/Os per second

Single Computing Unit Performance

• Classes A, AA, and AAA

## **Sizing Results for Quick Sizer HANA Version**

Result

• Name & release, depending on level (SAP solution, software component, key capability)

CPU

Category & SAPS

Memory

Category & MB

Disk

Category & GB

Single Computing Unit Performance

- Classes A, AA, and AAA
- Note:

HANA configurations require AAA SCU performance.

### i Notes for Sizing Results

- Choosing *Calculate result* at questionnaire level gets you to the result for the entire sizing project
- Display of result tab (overview/all, SAPS, memory and disk) depends on number of result fields
- Option *Details* to show table of time slots
- There are different levels or views available, if you choose *Result level* you can select from the list (find details later on)
- CPU result for throughput-based sizings is calculated for an average target utilization of 65 %

#### **Sizing Results**

Depending on your input the Quick Sizer tool displays one or two result tabs of these three on result levels *Project*, *SAP solutions* (default), *Software components*, and *Key capabilities* 

Result	Combined	Classic
When the tab <i>Result</i> appears	When the tab Combined	When a project contains user-
on the result screen, the Quick	approach appears on the resul	tbased sizings and throughput-
Sizer tool was able to calculate	screen, the Quick Sizer tool	based sizings, this tab is
one result.	was not able to calculate one	displayed. It separately shows
	result, but combines user-	the user-based and the
	based and throughput-based	throughput-based results, as
	sizing results. Reason for this	they are in principle
	kind of result display instead of	independent.
	only one result can be e.g. too	
	big differences between	
	corresponding user-based and	
	throughput-based sizings.	

Check this <u>documentation</u> for more information, example projects and example calculations.

#### **Details on Result Display / Result Level**

Change project 'DK_V38_CLASSIC' Customer no. 188213 Project Name DK_V38_CLASSIC Limit User Access Ext	Save       Result       Project       Project       SAPE solutions         Software components       Software components       Disclaimer         Project DK_V38       Sizing elements + choice       Image: Computing Unit       Quick Sizer tool documentation         Workdays       Workdays       Image: Components       Image: Comparison of the size of t
Classic         Search         Search in Tree         Match whole word         Phrase ▼         Input Navigation Tree         SAP Business Solutions         • Project Information         ▼ SAP Business Suite         • ◇ SAP Flori         ▼ SAP CRM         • ◇ CRM Master Data         • ◇ CRM Service         • ◇ CRM Service         • ◇ CRM Evrone         • ◇ CRM Marketing         • ◇ CRM Marketing         • SAP CRM Trade Promotion Management         • SAP CRM Trade Promotion Management         • ◇ SAP Web Channel Experience Mgmt.         ▶ SAP SCM         • ◇ SAP Transportation Management         • ◇ SAP Transportation Management         • ◇ SAP Transportation Management         • ◇ SAP PLM         • ◇ SAP PLM         • ◇ SAP PLM         • ◇ SAP PLM         • ◇ SAP SIM	<ul> <li>Result levels</li> <li>Project (overall sizing result)</li> <li>SAP solutions (default, according to SAP solution , e.g. SAP ERP)</li> <li>Software components (separately installable software. Different solutions may use the same software component, e.g. SAP for Insurance uses Enterprise Core Component (ECC) like SAP ERP does.)</li> <li>Key capabilities (Helpful, if you want to distinguish results from Financials, Human Capital Mgmt. etc. in SAP ERP)</li> <li>Sizing elements + choice (for analysis on element level. Sometimes, one sizing element may have several input lines. Then this is the aggregated information)</li> <li>Line results + inputs (shows all inputs and results for each input line, e.g. for multiple averages / peaks)</li> <li>Results, statistics, inputs (shows all levels of results, additionally statistics</li> </ul>
Mobile     Industry Solutions     SAP NetWeaver     O Gateway	for documentation)

#### Details on Result – New System / System Extension (Offsets)

Per default, gross results are displayed for New SAP Business Solution/Software Component (with minimal offsets). If you choose SAP Business Solution/Software Component Extension, net results are displayed.

On the project information questionnaire you can choose whether you want to see gross or net results on project, solutions, and software component result levels. This choice is saved for the project.

Additionally, you can switch between New SAP Business Solution/Software Component and SAP Business Solution/Software Component Extension on the result page for project, solutions, and software component result levels.

All other levels show net consumption.

#### **Sizing Results for Quick Sizer Classic Version**

The results are displayed both in categories and SAPS / disk value / I/Os per second

At the result levels project, SAP solution, software component, and key capability, the results are rounded to

Units of 100 SAPS for a result >, 10,000 SAPS, units of 1000 for a result between 10,000 SAPS and 100,000 SAPS, and units of 10,000 for a result > 100,000 SAPS, 1 GB memory, and 1 GB disk

If your CPU sizing exceeds 72,000 SAPS or your disk sizing exceeds 2,5 TB or the I/O value is more than 28,000 I/Os per second, the Quick Sizer result should be handled with care.

Category	Up to SAPS	Up to GB	Up to I/Os per second						
XS	8000	400	3200						
S	16,000	500	6000						
М	32,000	1000	12,000						
L	48,000	2000	20,000						
XL	72,000	2500	28,000						
XXL		The results in this category may be outside the scope of the Quick Sizer tool, please contact your hardware vendor or SAP for further information							

### **Sizing Results for Quick Sizer HANA Version**

For Quick Sizer HANA version another logic is used, that means the categories are calculated in a different way and other numbers are valid.

Category	Up to SAPS	Up to … GB (Disk)	Up to … MB (Memory)	
XS	36,000	1320	131,072	
S	72,000	N/A	262,144	
М	N/A	2640	524,288	
L	144,000	5235	1,048,576	
XXL	The results in this cate Sizer tool, please cont information			

## Sizing Results – Single Computing Unit Performance

- There are two different widely independent performance KPIs for systems throughput and server response time for single processes.
- Systems are designed and optimized for highest throughput or fastest response times or lowest power consumption or other features such as RAS (redundancy, availability, serviceability). The combination of characteristics with every hardware is unique.
- In order to increase the awareness we introduced the new KPI Single Computing Unit performance (SCU performance). To be as hardware neutral as possible and due to virtualization technologies we use the term Single Computing Unit performance instead of single thread performance.
- There are some SAP applications that benefit from a good Single Computing Unit performance. This is especially valid for SAP CRM, SAP SRM and some business processes in SAP EWM.
- When sizing one of these SAP applications, customers should discuss this topic with their hardware partners. Hardware partners should make sure that the Single Computing Unit performance of the planned system is sufficient to fulfill the response time expectations of their customers.
- With the introduction of the Single Computing Unit performance classes, every sizing element is classified. The classes are A, AA, and AAA.

Class	Description
А	This SAP solution benefits from good SCU performance.
AA	This SAP solution benefits from a very good SCU performance.
AAA	This SAP solution benefits from an excellent SCU performance.

#### Sizing Results – 'Details' Option

	Save Result level SAP solutions 🗸 Details Set to 'GoingLive' Set to 'Final Hardware vendors Single Computing Unit Quick Sizer tool do	cumentation								
		Disclaime								
Change project 'DK_V38_CLASSIC'	Project DK_V38_CLASSIC									
Customer no. 188213	Workdays 220 Status Without Inputs V Owner Customer V Method All V									
Project Name DK_V38_CLASSIC										
Limit User Access										
Exit	Messages									
	A With Microsoft IE 10.0 you get best user experience and correct display of the Quick Sizer tool, if the IE 5.0 quirks mode is enabled.									
	This is done by pressing first 'F12' and then the combination of 'ALT' and 'U'.									
	(a) This is done by pressing it's riz and then the combination of ALT and U.									
Classic	New System / System Extension									
Search	New SAP Business Solution/Software Component     O SAP Business Solution/Software Component Extension									
	Deside fault the shores as the excited information supplications in displayed									
Search in Tree										
Match whole word Phrase	Print all									
Input Navigation Tree	Classic approach Result									
▼ SAP Business Solutions										
<ul> <li>Project Information</li> </ul>	Print page Documentation of Autocompletion Result categories How to interpret the results									
▼ SAP Business Suite										
<ul> <li>SAP Fiori</li> </ul>	Overview SAPS and SCU class Memory and disk									
▼ SAP CRM	With the <i>Details</i> buttor	าล								
CRM Master Data	Results for SAP Business Solutions									
• 👌 CRM Sales	Solution Release CPU cat. SAPS (total, 2-tier) Memory (total, MB) DB Disk cat. DB Disk (GB, total) VO Cat. Is table with time slots is									
<ul> <li>         ORM Service     </li> </ul>	CRM         7.0         S         12,000         29,696         S         438         S         4,600         A66									
<ul> <li>CRM E-Commerce</li> </ul>	displayed at the bottor	n								
<ul> <li>CRM Interaction Center</li> </ul>										
A ODU Makila										
<ul> <li>         ORM Mobile     </li> </ul>	Time Slots Results for SAP Business Solutions									
CRM Marketing										
CRM Marketing     SAP CRM Trade Promotion Management										
CRM Marketing     SAP CRM Trade Promotion Management     SAP CRM 7.1										
CRM Marketing     SAP CRM Trade Promotion Management     SAP CRM 7.1     SAP Web Channel Experience W	tt s s s s s s s s s s s s s s s s s s									
O CRM Marketing     SAP CRM Trade Promotion Management     SAP CRM Trade Promotion Management     SAP CRM T-1     SAP Web Channel Experience W     SAP ERP     SAP ERP     Solu	Image: Second									
	Image: Constraint of the second sec									
CRM Marketing     SAP CRM Trade Promotion Management     SAP CRM 7.1     SAP Web Channel Experience W     SAP ERP     SAP SCM     SAP SCM     SAP SCM     CRM     SAP SCM	Image: Constraint of the second sec									
	Image: Second Problem         Release Solutions         St.         E.t.         SAPS (total, 2-tier)         SCU Class           M         7.0         09:00         10:00         12:00         AAA           M         7.0         10:00         11:00         AAA           M         7.0         11:00         12:00         AAA									
	Image: Bar and the second s									
▼ ◇ CRM Marketing           • SAP CRM Trade Promotion Management           • SAP CRM Trade Promotion Management           • SAP CRM Trade Services           • SAP SCM           • ◇ SAP Transportation Management           • SAP SRM           • ◇ SAP Transportation Management           • CRM           • ◇ SAP SIM	Image: A constraint of AP Public AP									
▼ ◇ CRM Marketing           • SAP CRM Trade Promotion Management           • SAP CRM Trade Promotion Management           • SAP CRM Trade Services           • SAP SCM           • ◇ SAP Transportation Management           • SAP SRM           • SAP Global Trade Services           • Analytics Solutions           • Mobile	Image: A constraint of AP									
◆ CRM Marketing     SAP CRM Trade Promotion Management     SAP CRM Trade Promotion Management     SAP CRM Trade Services     Analytics Solutions     CRM     CRM	Image: A constraint of AP									
▼          CRM Marketing           • SAP CRM Trade Promotion Management           • SAP CRM Trade Promotion Management           • SAP CRM Trade Services           • SAP SCM           •          SAP Transportation Management           • SAP SCM           •          SAP Transportation Management           • SAP SCM           •          SAP Transportation Management           • SAP SAP           • SAP SIDE           • Mobile	Image: A constraint of AP Constand ap Constraint of AP Constraint of AP Const									

### Sizing Results - Statistics, e.g. on Disk

#### Statistics

Table	Indexes	Table size	Index size	DB Disk (MB, total)(6 month)	DB Disk (MB, 1 year)	Arch. available
VBAP	1	723	21	744	744	х
KOCLU	1	401	20	421	421	х
VBEP	2	273	43	316	316	х
VAPMA	1	72	67	139	139	Х
VBUP	1	59	21	80	80	Х
NAST	5	38	17	55	55	Х
VBAK	3	41	4	45	45	х
VBPA	1	34	9	43	(no ovult 1 o <sup>43</sup>	Х
	ew of			s for analysis	(result leve	el: × ×
VBP4 VBKT CRMC results PRCD • Table r	ew of stat	istics, 25	input	S) 32 28 20	•	~
VBP4 VBKT CRMC results PRCD • Table r	ew of stat	istics,	input	S) 32 28 20	32 28	X X
VBPA VBKC CRMC PRCD VAKF VAKF	ew of stat names er of in	istics, 25 dexes p	input	S) 32 28 20	32 28 20	X X
VBPA VBKT CRMC PRCD VAKF CRMC CRMC VBBS OR	ew of stat names er of in	istics, 25 dexes p	inputs	S) 32 28 20 e 12 11	32 28 20 12	x x x x x

Information, if archiving object is available

i Note:

If you want to know for which sizing elements archiving objects are available, scroll down result level *Results, statistics, inputs* or choose result level *Sizing elements.* 

#### **Overview**



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## Quick Sizer and GoingLive Check (1/3)

Goal of the GoingLive (GL) Check: Sizing verification prior to going live

- Estimate the future workload on the system
- Based on information from Quick Sizer project

Prepare for the GoingLive Check

- 1. Create a new Quick Sizer project
- 2. If you already created a project
  - Check your entries
  - Set the status to GoLive in the status bar

#### i Note

- The accuracy of the sizing verification depends on the correctness of the data you provide.
- As a customer, you must order the GoingLive Check from SAP, it is not ordered by simply changing the status of the project.

## **Quick Sizer and GoingLive Check (2/3)**

Save Print page Calculate	result Set to 'GoingLive' Set to 'Final' F	eedback	Hardware vendors	Single Computing Unit	Quick Sizer tool documentation	Disclaimer
Project DK_V38_CLASSIC						
Workdays 220	Status In progress	Owner Customer	· · · / M	ethod All 🗸		

#### Statuses and Owners

Cooperation between customer and SAP GoingLive Check

- Possible owners to avoid data inconsistencies: Customer, GoingLive support
- Possible statuses, for example: In progress, GoingLive, In progress after GoingLive, Final

#### i Note for Secure Projects

 Changing the status of a secure project to "GoingLive" enables SAP employees to access this project to be able to do the GoingLive check, not only the participants of the project access list.

# Quick Sizer and GoingLive Check (3/3)

Complete list of all statuses and possible follow-up statuses

Without entries  $\rightarrow$  In progress

Project with no input yet, owner: Customer

In progress  $\rightarrow$  GoingLive, Final

- Customer enters data and saves it, owner: Customer
- Customer sets the status to GoingLive (GL)

GoingLive  $\rightarrow$  In progress after GL , Final

- Now there are two different projects with two different owners for one project name
- Project of owner Customer is 'read only'
- Customer can switch in display mode between his/her project and the project owned and changed by GL
- Project of owner GoingLive can be changed, GL can set the status ('In progress...')

In progress after  $GL \rightarrow GoingLive$ , Final

- Project of owner Going Live is 'read only'
- Project of owner Customer can be changed

Final  $\rightarrow$  Inactive

- This status can be set from any page
- Changes not possible any longer

#### Inactive

• Inactive projects will not be displayed if you search for projects, they also cannot be copied anymore