



# Solo

## Automated SAP Analysis

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Order ID: 11

Order Name: **Basic system analysis, VOZ**

# Automated SAP Analysis

## Overview

This report, produced using IntelliCorp's automated SAP analysis software: SOLO provides answers to key business and technical questions based on live system data provided by you.

The report includes the following sections:

- My Functionality. Business and administrative functionality is identified and categorised.
- Custom vs Standard. Compares the use of custom business functionality versus standard functionality provided by SAP.
- Obsolete Functionality. Identifies in-use functionality that is not available in later releases of SAP.
- What's New in mySAP. Provides a break-down by business area of the new functionality in mySAP.
- Top 10 Business Functions. Identifies the 10 most important business functions by volume of execution.
- Business Efficiency. Identifies potential process bottlenecks through an analysis of create-to-change functional usage.
- Testing Scope. Identifies the business functionality that makes up 80% of the system use by volume.
- Testing and Training Effort. Analysis of the effort required to complete a single cycle of testing and training.

SOLO is part of IntelliCorp's NetProcess diagnostic and systems management tool suite. The NetProcess tool suite automates the process of business analysis, technical synchronization, enterprise application integration, security management, regulatory compliance, test data management, and training. IntelliCorp's customers achieve dramatic total cost of ownership reductions while maximizing the value of their SAP investments.

IntelliCorp develops and markets diagnostic and system management software for organizations using SAP R/3. IntelliCorp's technology-based solutions manage scope, control costs, and reduce risk for lifecycle events and during on-going system maintenance. With more than 22 years experience, IntelliCorp delivers bottom-line value to many of the world's leading companies including Bombardier, Harrods, HP, IBM, McKesson, Peugeot, and Philip Morris.

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Find out more about the NetProcess tool suite at [www.intellicorp.com](http://www.intellicorp.com).

## **Contact us**

To find out more about how IntelliCorp's diagnostic and systems management software can help you please contact our Sales team at:

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# Results

## *My Functionality*

To make your project successful you need to focus on the transactions that your company actually uses. With IntelliCorp's [Assessor for SAP](#) you can:

- View individual transaction codes and reports for SAP and custom
- Monitor how users are executing each transaction code and report
- Identify your most important transactions

## Business Functions

Business Area	Number of Transactions	Usage %
Custom	621	38.9
Materials management	199	12.5
Financial accounting	184	11.5
Unclassified	177	11.1
Sales	116	7.3
Cost accounting	103	6.4
PPC	61	3.8
Warehouse Management	35	2.2
Plant maintenance	29	1.8
Asset Accounting	21	1.3
Cross-Application	19	1.2
Human resources	17	1.1
MMS (Merchandise mgt. system)	5	0.3
General ledger	4	0.3
Business Information Warehouse	3	0.2
Customer branch	1	0.1
Human Resources Planning	1	0.1
QSS (Quality assurance)	1	0.1
<b>Total</b>	<b>1,597</b>	<b>100.0</b>

Custom	621
Materials management	199
Financial accounting	184
Unclassified	177
Sales	116
Cost accounting	103
PPC	61
Warehouse Management	35
Plant maintenance	29
Asset Accounting	21
Cross-Application	19
Human resources	17
MMS (Merchandise mgt.	5
General ledger	4
Business Information	3
Customer branch	1
Human Resources Planning	1
QSS (Quality assurance)	1

## Administration Functions

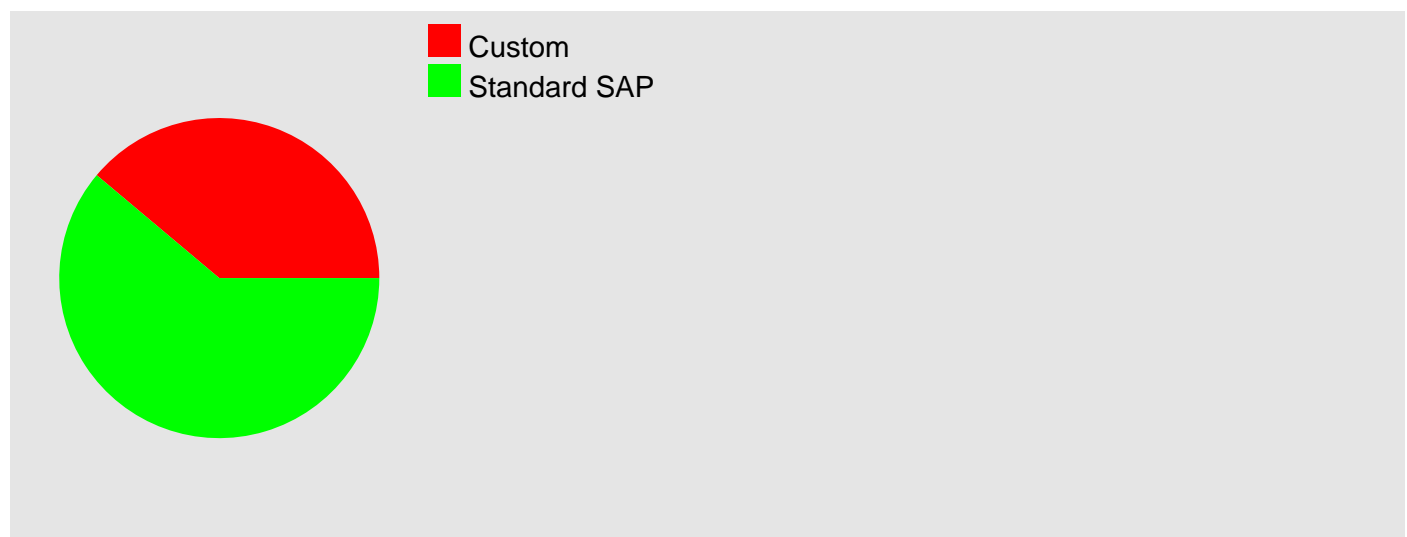
Business Area	Number of Transactions
Basis	599

## Custom vs Standard

Customization increases the complexity of any SAP upgrade or consolidation. At a glance this report highlights the level of customization of business functionality within your SAP system(s). Executed transactions or programs that begin with a 'Y' or 'Z' are considered custom. The standard transactions exclude those from BASIS.

With [Assessor for SAP](#) a detailed analysis of the use of custom transactions is automatically produced, the results of which will help you to identify possible savings either by reverting to standard SAP functionality or by turning off unnecessary customizations.

Business Area	Number of Transactions	Usage %
Custom	621	38.9
Standard SAP	976	61.1
<b>Total</b>	<b>1,597</b>	<b>100.0</b>

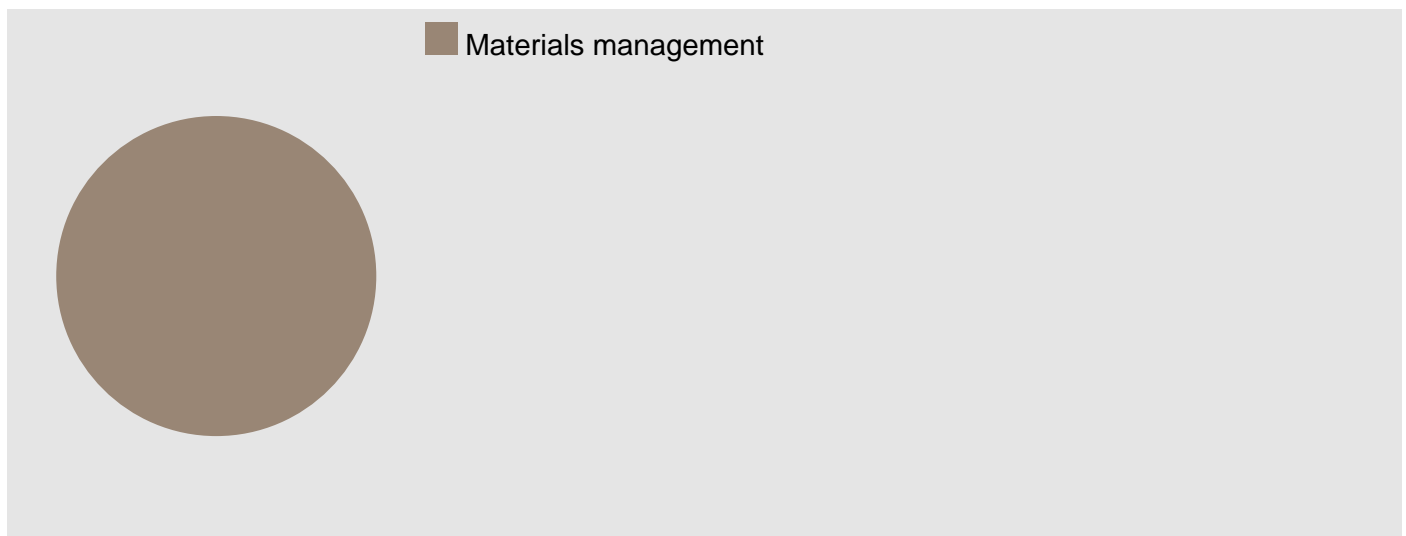
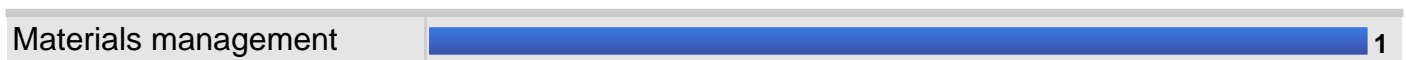


## Obsolete Functionality

The executables identified below are known to be obsolete in mySAP. As part of a planned upgrade, these functions must be further analyzed and if required, a replacement function must be identified.

IntelliCorp's [Assessor for SAP](#) automatically identifies replacement functions. Moreover its detailed analysis of the in-use transactions and programs can help you identify obsolete functionality that can be dropped based on its lack of use or lack of importance in supporting business operations.

Business Area	Number of Obsolete Transactions	Usage %
Materials management	1	0.1
<b>Total</b>	<b>1</b>	<b>0.1</b>



## What's New in mySAP

With each new release, SAP implements advances in support of business processes. This report breaks down the new functionality by business area (new BASIS transactions are excluded). In addition, this report overlays the in-use functionality of your system(s) with what's available in mySAP.

With [Assessor for SAP](#) you can automatically identify further business process opportunities that come from the increased use of standard SAP functionality. Moreover, the underlying technology that powers [Assessor for SAP](#) can be used to explore how the new functionality compares with existing functionality and what business benefits you can derive from it.

Business Area	New Transactions	Usage %
Asset Accounting	23	0.6
Business Information Warehouse	2	0.0
Cost accounting	324	7.8
Cross-Application	892	21.4
Customer branch	22	0.5
Customer head office	5	0.1
Financial accounting	1,202	28.8
General ledger	228	5.5
Human resources	356	8.5
Human Resources Planning	76	1.8
Materials management	78	1.9
MMS (Merchandise mgt. system)	85	2.0
Plant maintenance	17	0.4
PPC	32	0.8
Publishing	72	1.7
QSS (Quality assurance)	12	0.3
RIVA	22	0.5
Sales	80	1.9
Unclassified	632	15.2
Warehouse Management	8	0.2
<b>Total New</b>	<b>4,168</b>	<b>100.0</b>
<b>Total Available</b>	<b>~68,000</b>	

<b>Business Area</b>	<b>New Transactions</b>	<b>Usage %</b>
<b>In Use</b>	<b>976</b>	<b>1.4</b>

## Top 10 Business Functions

The key to a successful and cost-effective SAP upgrade is visibility of how your business actually uses your system. IntelliCorp's [Assessor for SAP](#) gives you deep insight into your critical business transactions and reports, while identifying how the next release will impact these functions. The result is more efficient project planning, execution, testing, and training. This business-focused approach eliminates the risk of business disruption, while reducing project costs and timeframes.

Transaction	Volume	% of Execution
VA01	1,791,016	30.3
YTRIGEVNT	1,075,523	18.2
FBL5N	523,347	8.9
FD02	516,351	8.7
ME2N	438,305	7.4
F-30	340,761	5.8
VK11	325,992	5.5
FB03	316,646	5.4
VK12	289,715	4.9
ME2M	285,618	4.8
<b>Total</b>	<b>5,903,274</b>	<b>100.0</b>

## Business Efficiency

By looking at key business functions and the associated *create* and *change* transaction use, we can assess the relative efficiency with which SAP is being used to support the critical business processes. The purpose is to highlight potential inefficiencies in the business process. If there are multiple change requests for each create, it suggests that incomplete or inaccurate information is being processed when the item is created.

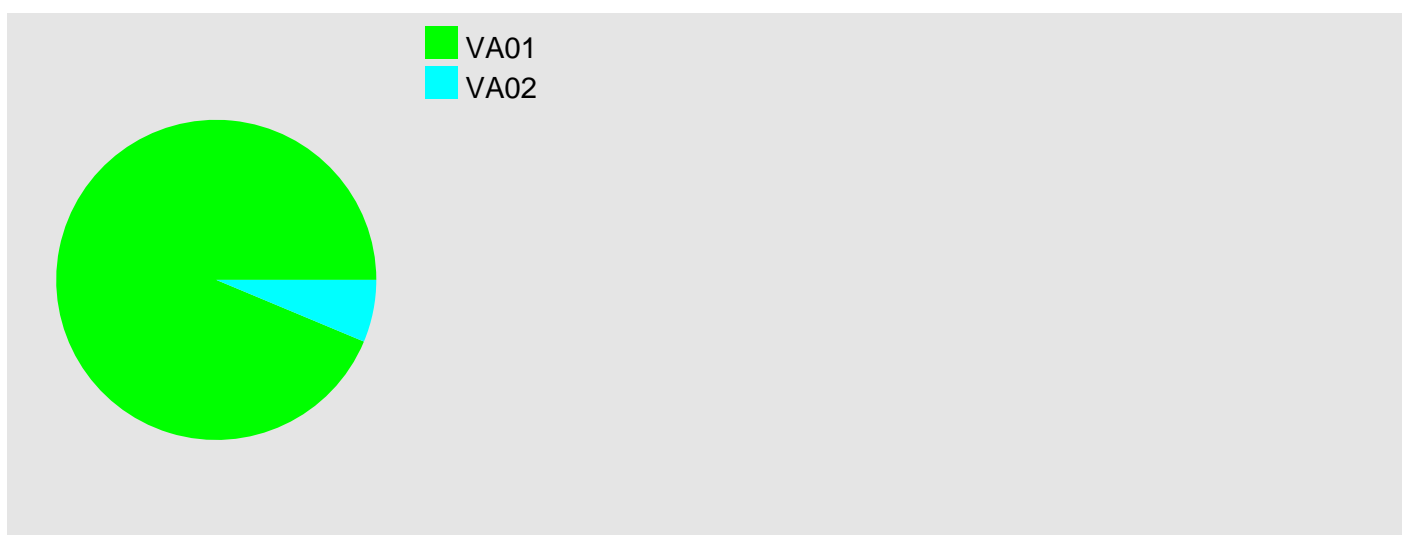
IntelliCorp's [Assessor for SAP](#) helps you understand how efficiently your business processes are running. You can view change transactions, where they are initiated and what users are performing them. With [Assessor for SAP](#), this information can be viewed in minutes, savings weeks of manual effort.

	Create	Change	Efficiency
Purchase Orders	166,755	86,386	65.9%
Sales Orders	1,791,016	120,412	93.7%

Purchase Orders chart:



Sales Orders chart:



## Testing Scope

AMR estimates that 24% of the effort in an SAP upgrade project is focused on testing. Testing critical business functions is essential to the success of a project. IntelliCorp's [Assessor for SAP](#) eliminates the risk of business disruption, while reducing the scope of testing, by identifying relevant changes in SAP and most used business functions. The net is high quality for less cost.

Transaction	Volume	% of Execution
VA01	1,791,016	19.7
YTRIGEVNT	1,075,523	11.8
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VK11	325,992	3.6
FB03	316,646	3.5
VK12	289,715	3.2
ME2M	285,618	3.1
FB01	276,971	3.0
XK02	269,338	3.0
MB01	232,953	2.6
MRHR	198,975	2.2
ME21	166,755	1.8
PR04	155,252	1.7
VA03	144,459	1.6
MR01	135,054	1.5
YC00T	123,127	1.4
VA02	120,412	1.3
YPRINT	103,893	1.1
FBL3N	100,603	1.1
FBL1N	99,555	1.1
FB1S	99,329	1.1
VD02	96,150	1.1
XD02	87,799	1.0

<b>Transaction</b>	<b>Volume</b>	<b>% of Execution</b>
ME22	86,386	1.0
FB60	77,295	0.9
ME12	68,325	0.8
FB65	67,996	0.7
FB09	66,990	0.7
MB51	64,842	0.7
FB05	62,717	0.7
SDBILLDL	61,999	0.7
Y002	54,550	0.6
VF03	54,063	0.6
F-28	53,963	0.6
VA42	52,667	0.6
<b>Total</b>	<b>9,085,692</b>	<b>100.0</b>

## ***Testing and Training Effort***

Testing and Training is made more difficult as the user interface of SAP changes: regression tests must be adapted; end-user knowledge needs updating.

IntelliCorp analyzed its in-house SAP systems to identify significant changes in the screens associated with transactions. The analysis concluded that there is an average significant change of 6.2% between screens. A significant change was counted as a difference in any one of the following screen field attributes:

- FIELD\_TYPE
- LINE
- COLUMN
- LENGTH
- VISUAL\_LEN
- FLD\_HEIGHT
- TYPE
- OUTPUT
- OUTPUTONLY

The spreadsheet below provides a range of effort estimates for Testing and Training spanning a **single** cycle. This is just an overview. IntelliCorp's [Assessor for SAP](#) automates the analysis to a much greater level of detail to provide a more accurate assessment of the Testing and Training effort required of an SAP upgrade or consolidation.

The results can be found on the next page.

Business Area	# of Txns	Testing(hours)			Training(hours)		
		Low	Med	High	Low	Med	High
Custom	621	57.75	154.01	269.51	19.25	51.34	89.84
Materials management	199	18.51	49.35	86.37	6.17	16.45	28.79
Financial accounting	184	17.11	45.63	79.86	5.70	15.21	26.62
Unclassified	177	16.46	43.90	76.82	5.49	14.63	25.61
Sales	116	10.79	28.77	50.34	3.60	9.59	16.78
Cost accounting	103	9.58	25.54	44.70	3.19	8.51	14.90
PPC	61	5.67	15.13	26.47	1.89	5.04	8.82
Warehouse Management	35	3.26	8.68	15.19	1.09	2.89	5.06
Plant maintenance	29	2.70	7.19	12.59	0.90	2.40	4.20
Asset Accounting	21	1.95	5.21	9.11	0.65	1.74	3.04
Cross-Application	19	1.77	4.71	8.25	0.59	1.57	2.75
Human resources	17	1.58	4.22	7.38	0.53	1.41	2.46
MMS (Merchandise mgt. system)	5	0.47	1.24	2.17	0.16	0.41	0.72
General ledger	4	0.37	0.99	1.74	0.12	0.33	0.58
Business Information Warehouse	3	0.28	0.74	1.30	0.09	0.25	0.43
Customer branch	1	0.09	0.25	0.43	0.03	0.08	0.14
Human Resources Planning	1	0.09	0.25	0.43	0.03	0.08	0.14
QSS (Quality assurance)	1	0.09	0.25	0.43	0.03	0.08	0.14
<b>Total</b>	<b>1,597</b>	<b>148.52</b>	<b>396.06</b>	<b>693.10</b>	<b>49.51</b>	<b>132.02</b>	<b>231.03</b>