



SAM4U - Manage and Optimize your License Adoption & Consumption

Jigar Gandhi, License Utilization Manager, SAP

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SAPinsider



In This Session

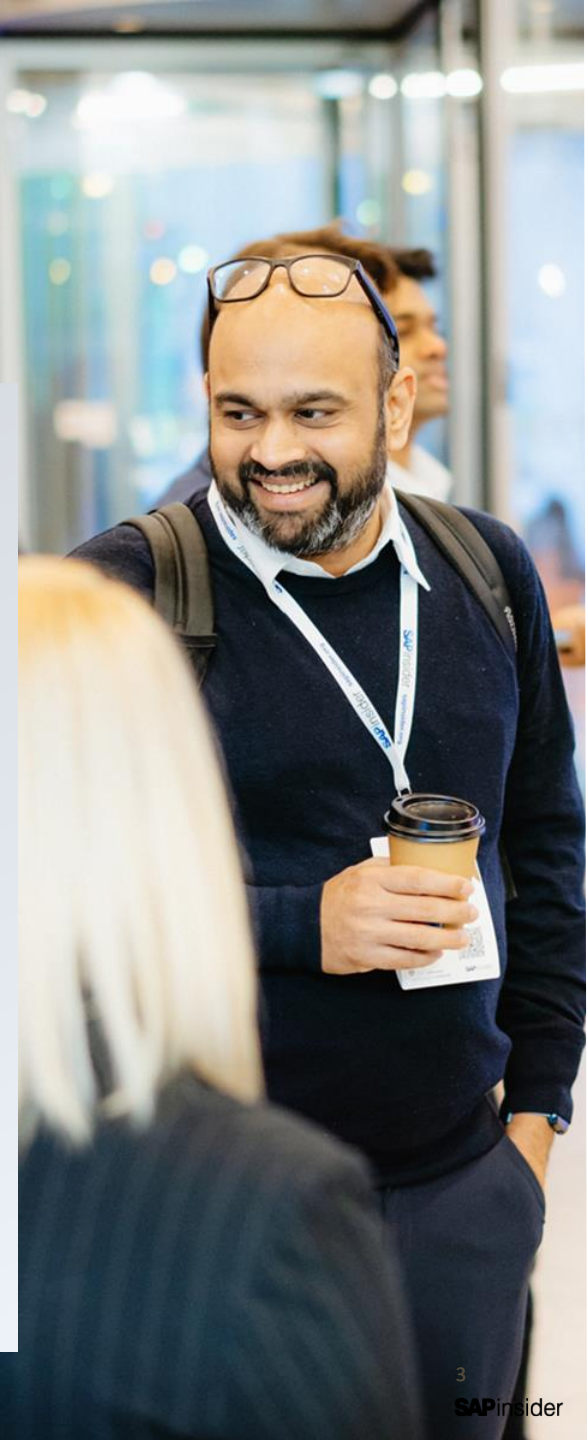
Introducing SAM4U, SAP's complementary Software Asset Management tool tailored for customers, offering a holistic view of SAP license entitlements in comparison to consolidated license consumption. Deployed within the customer's SAP environment, the tool facilitates license monitoring, optimization, proactive audit readiness, and efficient license management.

The tool's key functions are centered around:

1. Monitoring SAP licenses to ensure that customers are aware of their license usage and remain in compliance.
2. Optimizing the allocation and utilization of SAP licenses to avoid unnecessary expenditures.
3. Providing an efficient approach to managing SAP licenses, which includes keeping track of entitlements and consumption.

What We'll Cover

- ❑ SAM4U - Key Benefits
- ❑ SAM4U - Evolution
- ❑ SAM4U - Features
- ❑ Features / Demo
- ❑ Prerequisites
- ❑ Wrap-Up



SAM4U | Key Benefits

1. Enhanced SAP Usage Tracking

Gain the ability to monitor SAP usage with precision and regularity, ensuring you're always informed about how your licenses are being utilized.

2. Optimization Opportunities

Identify potential optimizations in how users are classified and their authorization levels, leading to more efficient system access and security.

3. Historical Usage Insights

Aggregate and review the historical consumption of HANA DB memory, providing a clear picture of your database's usage and growth over time.

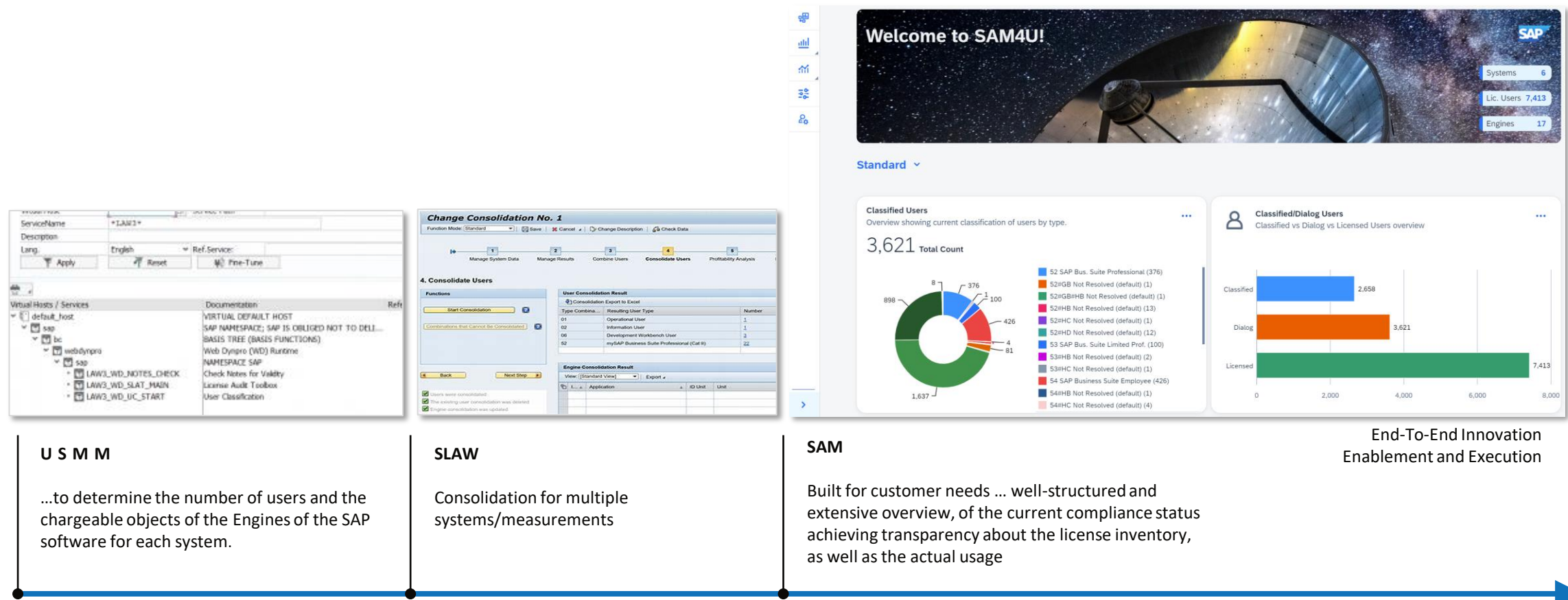
4. License and Landscape Management

Keep your license entitlements and system landscape thoroughly maintained, ensuring compliance and operational efficiency.



SAM4U | Evolution

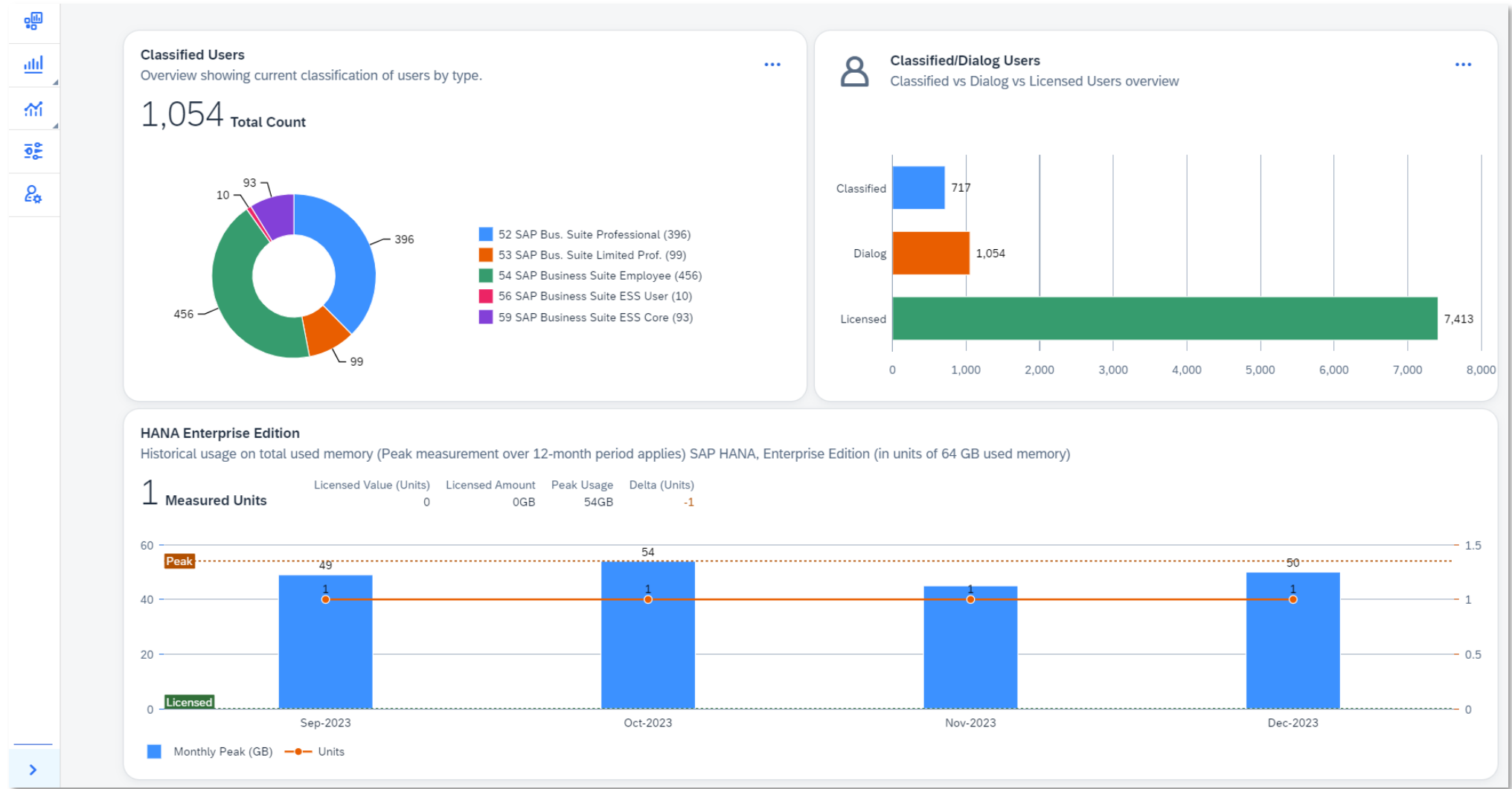
The key to making the right decision lies in understanding the needs of customers business and implementing a suitable solution.



SAM4U | Features

- ❑ Interactive Dashboard Interface
- ❑ Detailed Reporting for SAP Named Users
 - ❑ Overview of User Compliance Status
 - ❑ Verification of Authorized Software Usage
 - ❑ Monitoring of Active User Engagement
 - ❑ Strategies for License Optimization
- ❑ Tracking of Engine Consumption Metrics
 - ❑ Assessment of Measurable Engines
 - ❑ Indicators for Engines
 - ❑ Management of Self-Declared Product Usage
- ❑ Analysis of HANA Database Utilization
- ❑ Visualization of the System Landscape
- ❑ Overview of License Entitlements / Inventory

SAM4U | Dashboard



User | Compliance Overview

Users

Overview

Authorizations

Active Usage

License Consumption

Inactive Users

Locked Users

On-Premise Consumption

Metric		Licensed Units	Measured Units	Delta
52 SAP Bus. Suite Professional		869	396	473
53 SAP Bus. Suite Limited Prof.		937	99	838
54 SAP Business Suite Employee		4,106	456	3,650
56 SAP Business Suite ESS User		0	10	-10
59 SAP Business Suite ESS Core		0	93	-93
55 SAP Business Suite Developer		1,393	0	1,393
CC SAP Application Limited Pro		108	0	108

User | Authorizations - Analysis

Users / Authorizations Analysis

Authorizations Analysis

User:

Current Classification:

S/4 Target Classification:

Active Usage Classification:

52 SAP Bus. Suite Prof... x

HC Functional x

Go

Users (3)

↓↑

Filtered By: Current Classification (52 SAP Bus. Suite Professional); S/4 Target Classification(HC Functional);

User	Current Classification	S/4 Target Classification	Active Usage Classification
A.CHRISTIE	52 SAP Bus. Suite Professional	HC Functional	Not Classified
SBF_10532	52 SAP Bus. Suite Professional	HC Functional	Not Classified
SBF_10596	52 SAP Bus. Suite Professional	HC Functional	Not Classified

User | Authorizations – Detailed Object Analysis

Users / Authorizations Analysis / Roles/Profiles for A.CHRISTIE / Role /SKYBFR/YAIG_WEB_CHAT_AUTH

Details for Role /SKYBFR/YAIG_WEB_CHAT_AUTH

S/4 Target Classification:

▼

Go

Object	Field Name	Value Low	Value High	S/4 Target Classification
/UIF/FLEX	/UIF/CHTY	*		Not Classified
	/UIF/KEYU	X		Not Classified
S_DEVELOP	ACTVT	02		HC Functional
		03		HD Productivity
	DEVCLASS	*		Not Classified
	OBJNAME	*		Not Classified
	OBJTYPE	*		Not Classified
	P_GROUP	*		Not Classified

User | Active Use

Users / Active Use Analysis

Active Use Analysis

User:

Current Classification:

S/4 Target Classification:

Active Usage Classification:

52 SAP Bus. Suite Pro... x

HD Productivity x

Go

Users (12)

↓↑

Filtered By: Current Classification (52 SAP Bus. Suite Professional); Active Usage Classification(HD Productivity);

User	Current Classification	S/4 Target Classification	Active Usage Classification
A.APPROVER	52 SAP Bus. Suite Professional	HB Professional	HD Productivity
A.CWIK	52 SAP Bus. Suite Professional	HB Professional	HD Productivity
A.SAVASTSYAN	52 SAP Bus. Suite Professional	HB Professional	HD Productivity
A.SHAPEL	52 SAP Bus. Suite Professional	HB Professional	HD Productivity
B.APPROVER	52 SAP Bus. Suite Professional	HB Professional	HD Productivity
C.APPROVER	52 SAP Bus. Suite Professional	HB Professional	HD Productivity
C_BNB_ADM	52 SAP Bus. Suite Professional	HB Professional	HD Productivity
D.REDZKIN	52 SAP Bus. Suite Professional	HB Professional	HD Productivity

User | Transaction Code Usage Analysis

Users / Active Use Analysis / User A.MD

Active use for A.MD

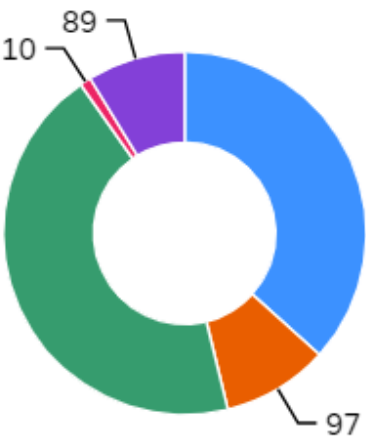
Object	Type	Last used period	Active Classification	System
SE01	TR	202309	HB Professional	GWX/800
SE09	TR	202309	HB Professional	GWX/800
SE11	TR	202303	HC Functional	GWX/800
SE16	TR	202309	HD Productivity	GWX/800
SE24	TR	202308	HC Functional	GWX/800
SE37	TR	202301	HC Functional	GWX/800
SEGW	TR	202309	HB Professional	GWX/800
SEO_STARTUP	RE	202308	Not Classified	GWX/800
SICF	TR	202308	Not Classified	GWX/800
ST22	TR	202308	HD Productivity	GWX/800
STMS	TR	202309	HD Productivity	GWX/800
SU01	TR	202306	HB Professional	GWX/800
WB_MNGR_START_FROM_TOOL_ACCESS	RE	202309	Not Classified	GWX/800

User | License Optimization

Inactive Users

An overview of users with no activity after a specified period of time.

1,020 Total Count

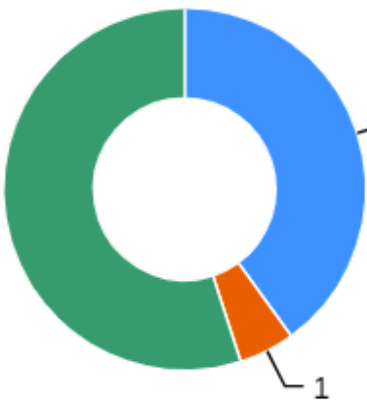


- 52 SAP Bus. Suite Professional (374)
- 53 SAP Bus. Suite Limited Prof. (97)
- 54 SAP Business Suite Employee (450)
- 56 SAP Business Suite ESS User (10)
- 59 SAP Business Suite ESS Core (89)

Locked Users

An overview of users that are deactivated and cannot access applications.

20 Total Count



- 52 SAP Bus. Suite Professional (8)
- 53 SAP Bus. Suite Limited Prof. (1)
- 54 SAP Business Suite Employee (11)

User | Inactive Users

Users

Overview

Authorizations

Active Usage

License Consumption

Inactive Users

Locked Users

User:

Inactive Duration:

Current Classification:

S/4 Target Classification:

Active Usage Classification:

Go











Users (1020)

Filtered By: Inactive Duration, Days (90);

User	Inactive Duration, Days	Current Classification	S/4 Target Classification	Active Usage Classification
A.APPROVER	504	52 SAP Bus. Suite Professional	HB Professional	HD Productivity
A.BUYER	339	52 SAP Bus. Suite Professional	HB Professional	Not Classified
A.CHRISTIE	344	52 SAP Bus. Suite Professional	HC Functional	Not Classified
A.CWIK	354	52 SAP Bus. Suite Professional	HB Professional	HD Productivity
A.ESS	358	52 SAP Bus. Suite Professional	HB Professional	Not Classified
A.KOZICH	342	52 SAP Bus. Suite Professional	HB Professional	Not Classified
A.MSS	343	52 SAP Bus. Suite Professional	HB Professional	Not Classified
A.PARKHOM	341	52 SAP Bus. Suite Professional	HB Professional	Not Classified

Engine | Consumption

Engines

<div> Measurable Engines</div> <div> Engine Indicators</div> <div> Self Declaration Products</div> <div> Self Declaration Others</div>						
Measurable Engines 						
Engine	Metric	Licensed Units	Measured Amount	Measured Units	Delta	
0157 mySAP Human Resources - Master Records PA employees calculated (01000157) In Blocks of: 500 Start Date: - End Date: -	 Managed Items	4,000	0	0	 4,000	
2320 SAP Exchange Infrastructure - XI Chargeable Dataset in MB (23202320) In Blocks of: 1 Start Date: 2/28/2023 End Date: 3/30/2023	GB per month	0	73	73	 -73	
2320 SAP Exchange Infrastructure - XI Chargeable Dataset in MB (23202320) In Blocks of: 1 Start Date: 6/30/2023 End Date: 7/30/2023	GB per month	0	11	11	 -11	
2320 SAP Exchange Infrastructure - XI Chargeable Dataset in MB (23202320) In Blocks of: 1 Start Date: 7/31/2023 End Date: 8/30/2023	GB per month	0	63	63	 -63	

Engine | Indicators

Engine Indicators i				
Engine	Metric	Licensed Units	Status	
0372 SAP NetWeaver Gateway - Number of Gateway Users per Year (03700372) In Blocks of: 1	SAP NetWeaver Gateway User	⚠ 0	Active	
0820 SAP NetWeaver Single Sign-On - User (08200820) In Blocks of: 50	Users	⚠ 0	Active	
2107 SAP Records Management - Records Managment Records (21002107_I) In Blocks of: 1	Users	⚠ 0	Active	
2320 SAP Exchange Infrastructure - XI Chargeable Dataset in MB (23202320_I) In Blocks of: 1	Cores	⚠ 0	Active	
2955 SAP NW AS Code Vulnerability Analyzer - Potential Days of Use (29552955) In Blocks of: 5	Users	⚠ 0	Active	
325X Application Interface Framework - AIF Customer Interfaces (3250325X) In Blocks of: 500	Licensed Users	⚠ 0	Active	

Engine | Self-Declared Products

Engines

Measurable Engines

Engine Indicators

Self Declaration Products

Self Declaration Others

Self Declaration Products

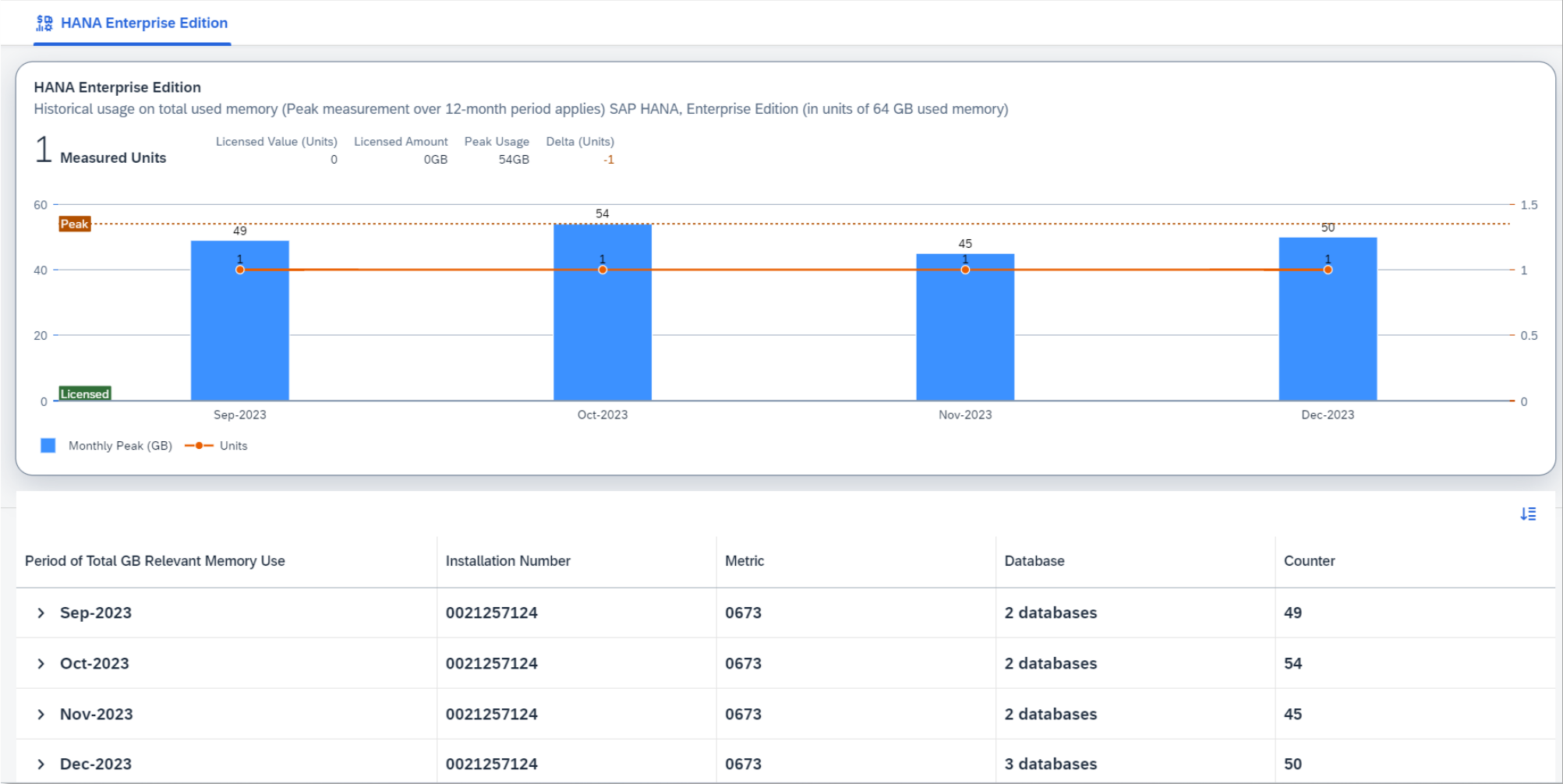
Engine	Licensed Units	Declared Amount	Declared Unit	Delta
N176 - SAP Collaborative Fin. Operations, Receivables Mgmt./ Deductions Mgmt. (9000N176)	1,000	0	0	1,000
In Blocks of: 1,000				
Metric:				

Self Declaration Others

Material	Metric	Licensed Units	Declared Amount	Declared Unit	Delta
RWD InfoPaks Option 5 (7001985)		895	0	0	895
In Blocks of: 0					
RWD InfoPak Complete Package (7002009)		3,553	0	0	3,553
In Blocks of: 1					
RWD InfoPak Simulator (7002623)		3,553	0	0	3,553
In Blocks of: 0					
Afaria Handheld Device Management (7010742)		601	0	0	601
In Blocks of: 1					

HANA Database | Usage

HANA



System Landscape

Landscape

Systems (6)		Consolidations (4)	Upload File Delete	
System Name	Installation Number	Users	Updated On	
YI3/000	0020270862	4,852	12/21/2023	
BRP/021	0020297441	0	2/12/2024	
ERQ/800	0021257124	833	1/15/2024	
GWX/800	0021257124	352	2/2/2024	
HN6/HEE	0021257124	0	12/18/2023	
SH2/800	0021257124	110	12/18/2023	

Systems (6)		Consolidations (4)	Create Delete Recalculate		★
Consolidation Name	System Name	Dataset	Updated On		
YI3 with HANA EE	YI3/000	1	12/21/2023		
	HN6/HEE	1	12/18/2023		
SAP ECC + GATEWAY + HANA EE	ERQ/800	2	1/9/2024		
	GWX/800	2	2/2/2024		
	HN6/HEE	1	12/18/2023		
ECC	BRP/021	1	2/12/2024		

Administration

Administration

Connection Configuration Authorization Ruleset Management License Entitlement Management Files Transferring Monitor

RFC Connections (1)		SAP BTP Integration Suite (0)		Add
Code		Description		
ERQCLNT800		ERQCLNT800 SAP ECC		
		<div>Upload Authorization Ruleset</div> <div>Set ActiveDelete</div>		
File Name	Uploaded By	Uploaded Date	Status	
S4HANA_Ruleset_V1.51.xlsx	N.BIADNOVA	12/18/2023	<div>↓</div>	
		<div>Upload CLE File</div> <div>Set ActiveDelete</div> <div>i</div>		
File Name	Uploaded By	Uploaded Date	Source	Status
CLE_BPN1234567_VA6543210_202312 20 EXAMPLE CLE.xlsx	ANZEIGER	12/21/2023	GLAC	<div>↓</div>

License Entitlements

License Overview

Overall

Grouped by Material

Grouped by Order

Measurable Licenses Only

OFF

Type	Material	Material Description	Self Declaration Products	In Blocks of	Licensed Units
<div></div>	7001127	<div></div> mySAP Business Suite Ltd. Prof. User	<div></div>	1	937
User/Engine ID: 907053					
Metric: SAP Business Suite Limited Professional User					
<div></div>	7002389	<div></div> SAP Business Suite Developer User	<div></div>	1	1,393
User/Engine ID: 907055					
Metric: SAP Business Suite Developer User					
<div></div>	7001126	<div></div> mySAP Business Suite Employee User	<div></div>	1	4,106
User/Engine ID: 907054					
Metric: SAP Business Suite Employee User					
<div></div>	7003014	<div></div> SAP Application Ltd. Prof. User	<div></div>	1	108
User/Engine ID: 9070CC					
Metric: SAP Application Limited Professional User					
<div></div>	7001125	<div></div> SAP Business Suite Professional User	<div></div>	1	869
User/Engine ID: 907052					
Metric: SAP Business Suite Professional User					
	7001132	<div></div> Payroll Processing	<div></div>	500	4,000

Pre-requisites

SAM4U Extractor is deployed on the customer's backend systems and used to extract the data. Currently the functionality of SAM4U extractor is down ported to the release 7.31.

[3292019 - SAM4U Data Extractor - SAP for Me](#)

SAM4U Tool itself should be deployed or executed after SP upgrade starting from 7.58 and above.

SAP UI Server

[3298562 - SAM4U Solution | Fiori Application - SAP for Me](#)

Technical Information for UI Server

ABAP Platform 2023 – General Information

[3346290 - ABAP Platform 2023 – General Information - SAP for Me](#)

SAP_UI 7.58 minimal installation requirements

[3286060 - SAP_UI 7.58 minimal installation requirements - SAP for Me](#)

SAP Fiori front-end server 2023 for SAP S/4HANA

[3340880 - SAP Fiori front-end server 2023 for SAP S/4HANA - SAP for Me](#)

[Installing SAP Fiori | SAP Help Portal](#)

Key Points to Take Home & Wrap-Up

- ❑ SAM4U is a complementary SAP SAM tool that can be easily deployed in customers SAP environment through SAP notes
- ❑ Data is retained within customer's network, no data is shared with SAP
- ❑ Up-to-date customer's SAP License Entitlements shared by SAP is maintained in SAM4U
- ❑ SAM4U automatically extracts and analyzes SAP data thereby enabling tracking and monitoring of SAP Licenses centrally
- ❑ SAM4U identifies & highlights License optimization opportunities & ensures proactive Audit readiness
- ❑ Historic data can be analyzed for HANA Database in SAM4U
- ❑ T-code Usage Analysis from SAM4U can be leveraged for Role re-design
- ❑ User Classification is available based on the Active & Authorized Use
- ❑ SAP offers free SAM4U Tool Implementation Support

Thank you! Any Questions?

Jigar Gandhi

jigar.gandhi@sap.com

<https://www.linkedin.com/in/jigar-gandhi-sap>

Frank Rebholz

frank.rebholz@sap.com

<http://www.linkedin.com/in/frank-rebholz/>

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