Innovations in Measurement Tools

Ulrich Lang, SAP
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Agenda

Presentation of new USMM

- Settings
- USMM: Rule-based Classification Preparation
- Web Dynpro User Interface
- Check Notes
- User Classification
- Rule-based Classification
- Perform Measurement
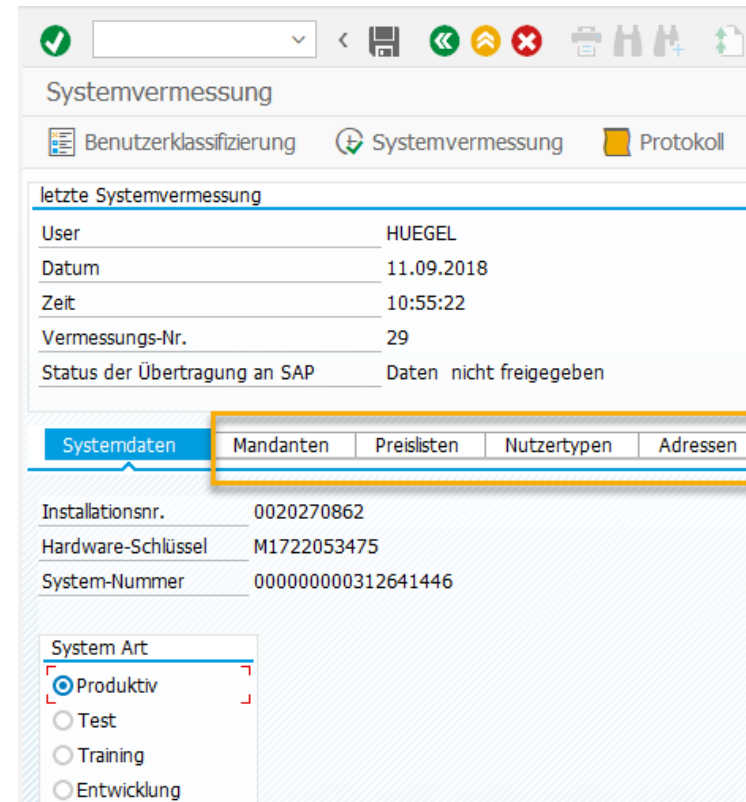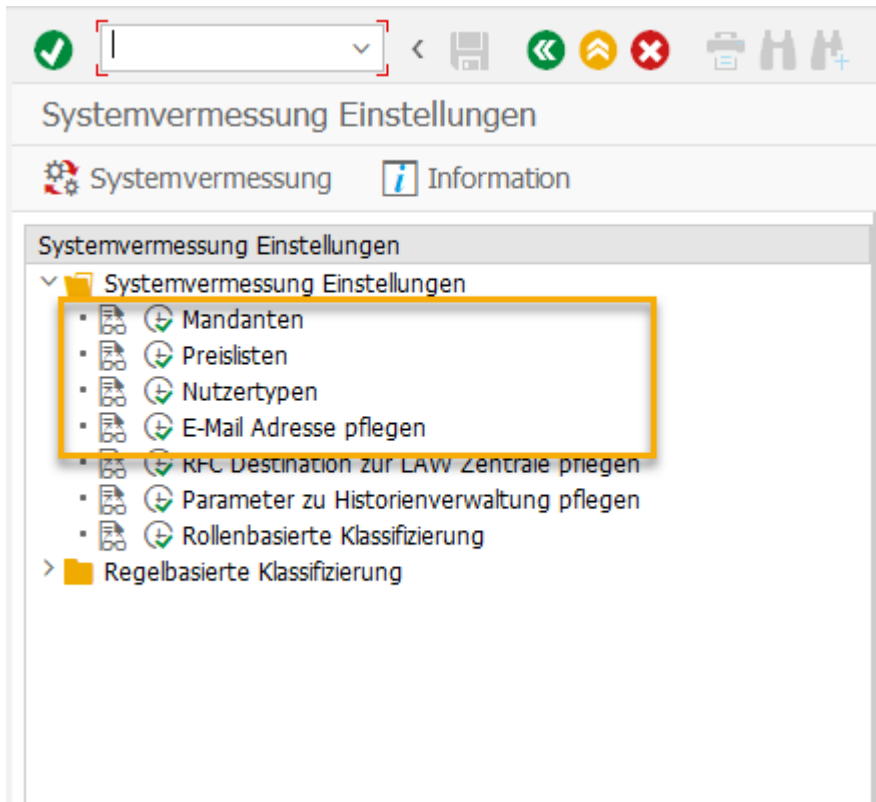- Result Transfer

Future innovations

- History
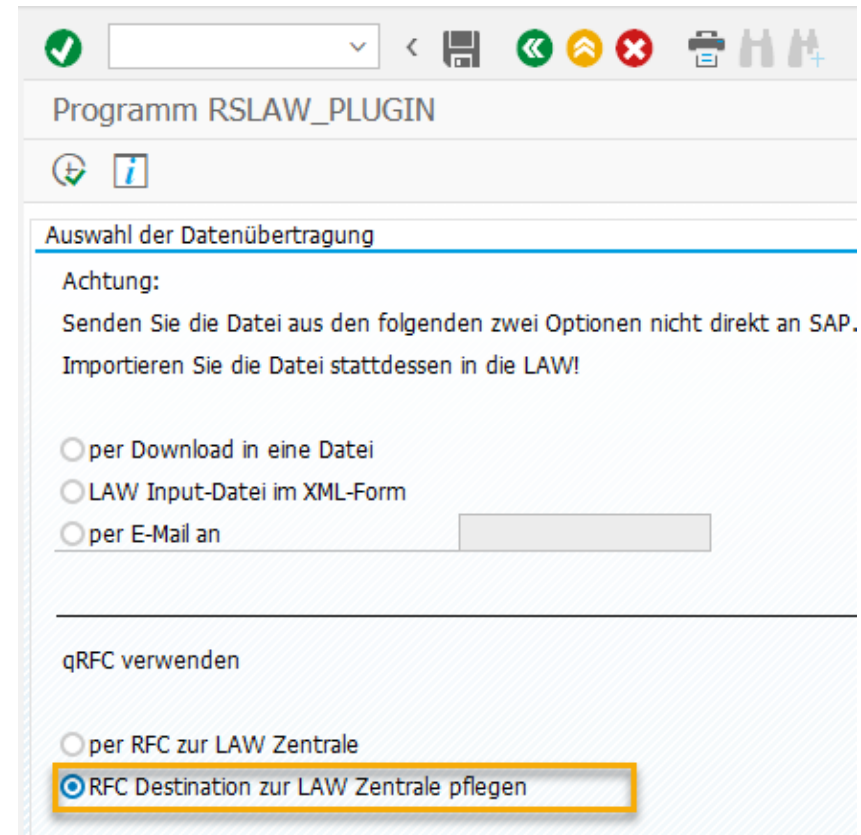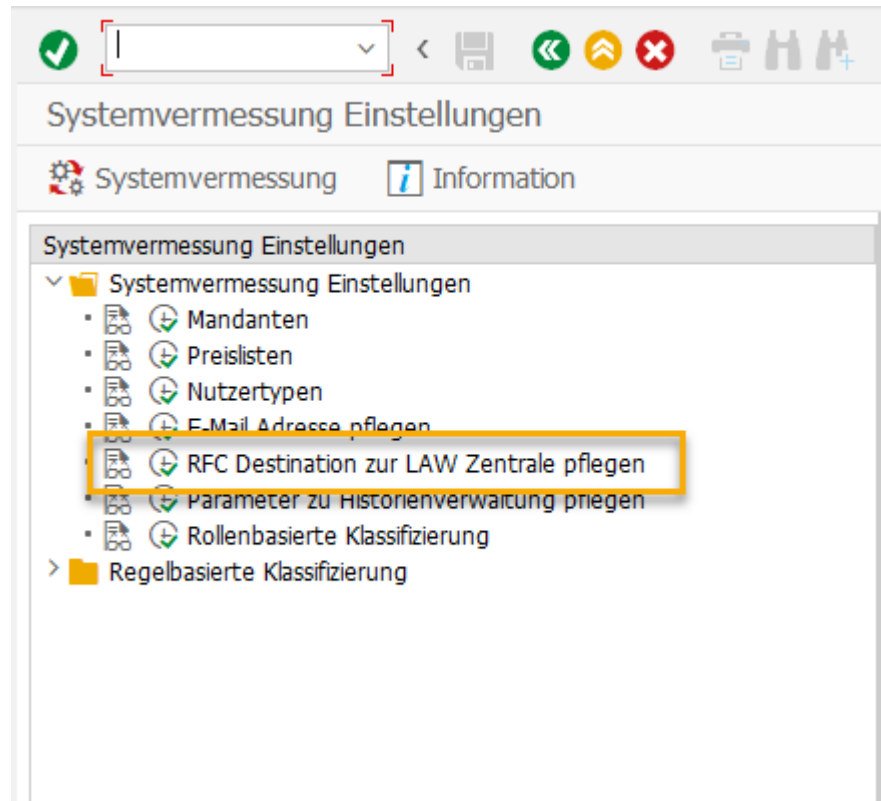- Digital Access Report

Outlook

USMM: Settings

The new USMM combines all basic settings on one page.

- Clients, Price Lists, User types and E-Mail Address from the tabs of the former USMM

USMM: Settings

- RFC Back-Destination from RSLAW_PLUGIN

USMM: Settings

- Define parameters for History Administration
- Link to the Role-based Classification (Transaction LICENSE_ATTRIBUTES)

USMM: Rule-based Classification Preparation

Create rules

The new USMM features the possibility to define a set of rules, which then creates a suggestions for the classification
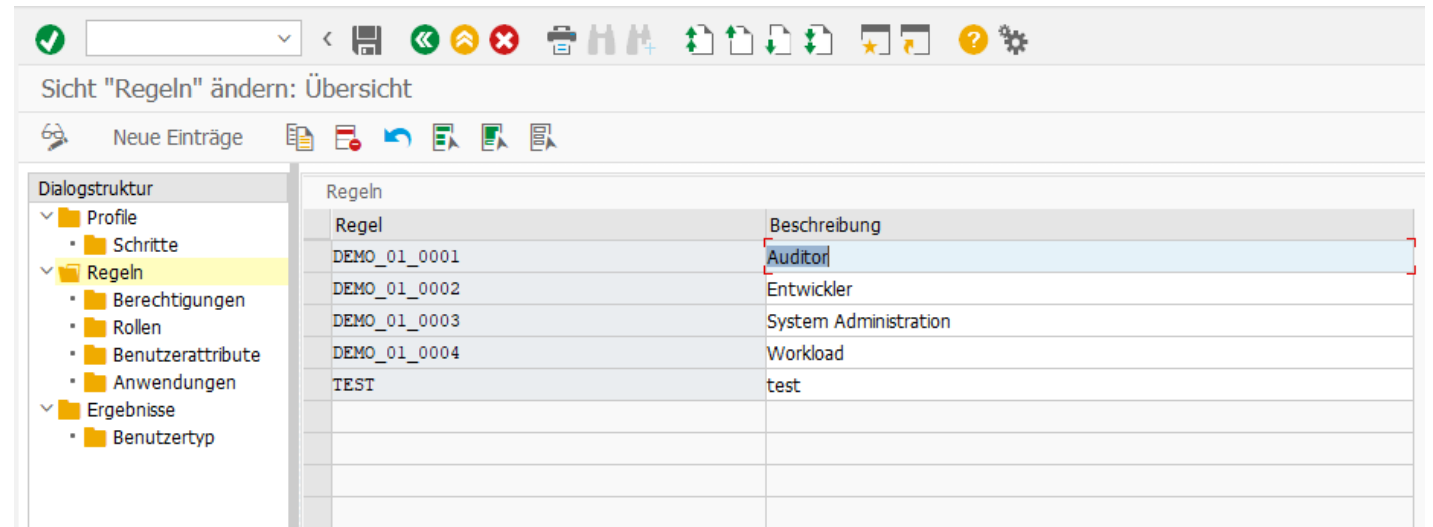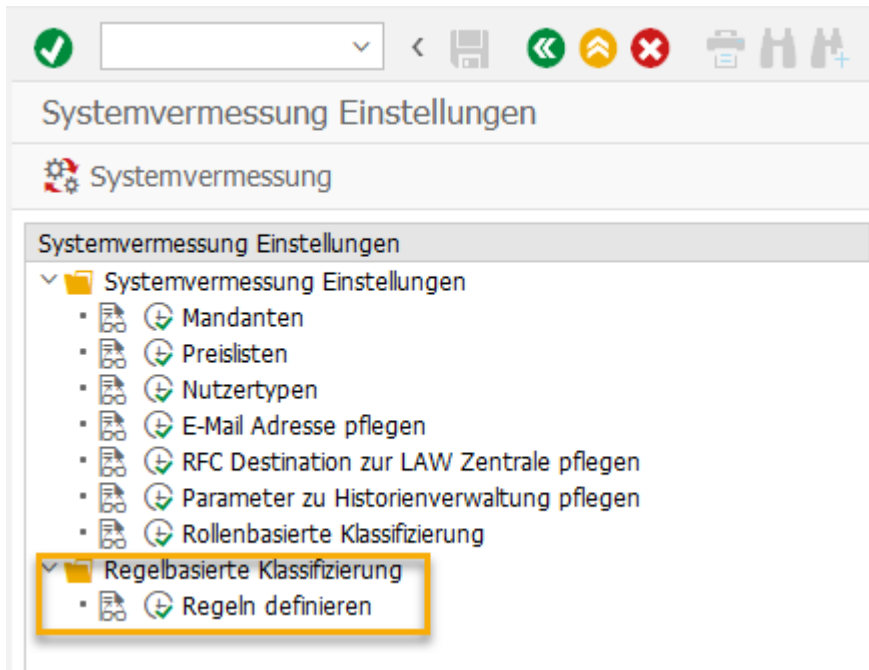
Further Information

Further information about Rule-based User Classification can be found in the SAP Support Portal under the following link:

https://support.sap.com/content/dam/support/en_us/library/ssp/my-support/systems-installations/system-measurement/information-about-sap-system-measurement/Rule-Based-User-Classification-Guideline.pdf

User Classification

To ensure that users are evaluated correctly, they must first be classified according to their activities in the system and according to the appropriate price list. The measurement request e-mail specifies the price list that is relevant for you.

Tip: The measurement program contains additional classification aids that are not yet described in the current instructions on system measurement:

✓ Classification check / Klassifizierungsprüfung
✓ Measurement of Non-Dialog Users / Vermessung von Nicht-Dialog-Benutzern
✓ Role-based user classification / Benutzerklassifizierung nach Rollen
✓ **New:** Rule-based user classification / **Neu:** Regelbasierte Nutzerklassifizierung
To use the rule-based user classification, the new system measurement program must be implemented. Availability see above.

Useful Notes & Tips

The most important SAP Notes and tips are available here:

✓ Required user types missing in user list
✓ General information about online data transfer (SAP Note 1142694)
✓ Engine measurement - information about counting method and evaluation
✓ Self-declaration of engines - self-declaration of non-measurable products
✓ SAP notes for system measurement of engines

USMM: Web Dynpro User Interface

Within the new USMM, the User Interface for the measurement process runs as Web Dynpro

- By clicking the button ⚙ System Measurement , a new browser is opening
- To get directly to the measurement process you can also use transaction USMM2
- In case of problems with the Web Dynpro ensure to check the note 2695241

USMM: Check Notes

The SAP- supplied note file can be imported into the USMM.

USMM: Check Notes

After importing this note, a check will be performed directly:

▪ Does the validity match with the Release/Support Package of the system?

▪ Is the note already applied to this system?

The result list contains all the notes that can be imported into the relevant System

Notes that are not required in this system, can be excluded from the result list

USMM: User Classification

- Similar to the user classification in the old USMM, this user classification can also be performed in a list.
- However, there are additional selection options in the list.

USMM: Rule-based Classification Execution

The corresponding profile of the rule- based classification needs to be selected, then a new tab with buttons appears.

USMM: Rule-based Classification Execution

The button „Classify Users" starts the proposal determination based on the defined rules.

The proposed classification can be applied

USMM: Perform Measurement

In this step, the system measurement is started

USMM: Perform Measurement

During the measurement, the details of the current measurement are displayed.

- The button is inactive while the measurement is running.
- During the measurement, the status display of the jobs can be refreshed

USMM: Result Transfer

Functions:

- Send Result to SAP
  – Transmits the measurement result of this system to SAP via SDCCN
  – The button is inactive if the SDCCN is not configured correctly

- Save Result Locally
  – Is SDCCN is not available, the result can be saved as TXT or PDF file
  – This should be sent to SAP via E-Mail.
  – Since this file does not contain any user-related data, it must not be used for further processing in a LAW

- Save LAW File Locally
  – If the system measurement is to be consolidated in a LAW, the LAW file can be saved locally as an XML-file. Afterwards it can be uploaded to the LAW
  – Since this file contains user-related data, it is not destined for sending it to SAP

- Send LAW File via RFC
  – If an RFC Destination is maintained, the LAW result can be sent to the LAW central system vie RFC

Funktionen

Ergebnis an SAP senden
Ergebnis lokal speichern
LAW Datei lokal speichern
LAW Datei über RFC senden
PDF Protokoll Anzeige

USMM: Result Transfer

The PDF protocol is displayed in a new browser window

Vermessungsergebnisse: Systeminformationen (0020270862 / Y51)

Absender	
	Vermessung: 12.10.2018, LANGULR
	Protokollerstellung: 12.10.2018, LANGULR

Empfänger	

Systemdaten		
Installationsnummer:	0020270862	
Systemname:	Y51	
Systemart:	Produktiv	
SAP BASIS Release:	751	SP Level: 0000
Hardwareschlüssel:	M1722053475	
Systemnummer:	000000000312641446	
Datenbanksystem:	HDB	
Aktive Preisliste:	SAP Applications	
ST-PI Release:	740	SP Level: 0003

Status der Hintergrund-Jobs		
0000	Erweiterungen der Vermessung	Erfolgreich beendet am 12.10.2018 um 00:11:08.
0001	Development Workbench (V3.0)	Erfolgreich beendet am 12.10.2018 um 00:11:09.
0004	Benutzervermessung Batch	Erfolgreich beendet am 12.10.2018 um 00:11:11.
0009	Aktivitätsprüfungen	Erfolgreich beendet am 12.10.2018 um 00:11:09.
0370	SAP NetWeaver Gateway	Erfolgreich beendet am 12.10.2018 um 00:11:09.
0380	SAP HANA Planungs-Vermessung	Erfolgreich beendet am 12.10.2018 um 00:11:09.

Availability of the new Developments

The innovations introduced here are included in the software component SAP_BASIS as of the following Support Packages:

- 7.02 SP21 (SAPKB70221)   RTC Nov 2018
- 7.31 SP23 (SAPKB73123)   RTC Aug 2018
- 7.40 SP20 (SAPKB74020)   RTC Aug 2018
- 7.50 SP11 (SAPK-75011INSAPBASIS)   RTC March 2018
- 7.51 SP06 (SAPK-75106INSAPBASIS)   RTC Apr 2018
- 7.52 SP02 (SAPK-75202INSAPBASIS)   RTC May 2018

A shipment via note is not possible due to technical restrictions

Further Information

Further information about the new USMM can be found here:

- In the program within the online documentation that can be accessed via the Help Icon.
- In the SAP Portal with the following link:

  https://support.sap.com/content/dam/support/en_us/library/ssp/my-support/systems-installations/system-measurement/information-about-sap-system-measurement/Changes-in-the-System-Measurement-Program.pdf

Changes in the System Measurement Program
Introduction of the new System Measurement Program, the changes and the new features

USMM History

In future, historical measurement data will also be available

- Similar to the LAW Info System, all stored measurements are displayed
- After selecting a measurement set, it is possible to:
  - Save the result locally as a XLM file
  - Display historical values of the additional check (Multiple Logon etc.)

USMM History

If the option *Save User Data* was active during the measurement, the following options are offered:

- Save the LAW file of that measurement locally
- Display user data of the measurement
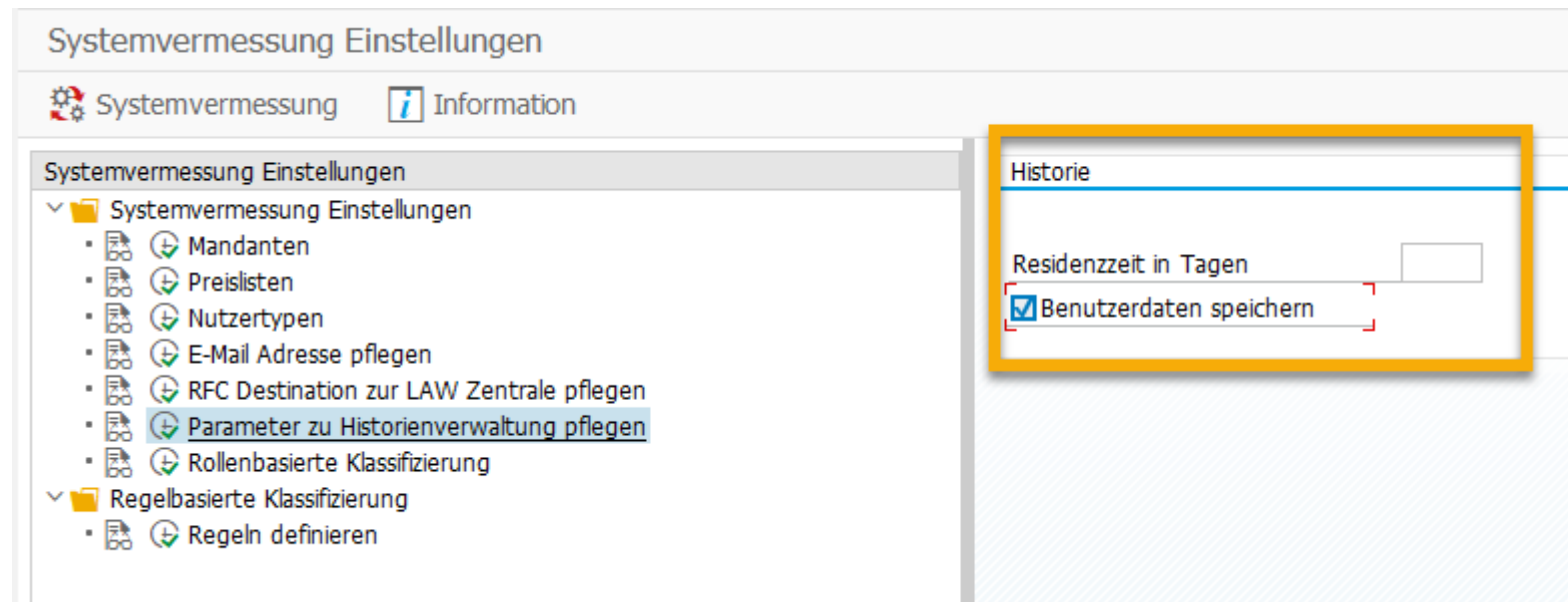
USMM History

The user details of the historical measurements can be selected

USMM History

If no user details were saved the option will not be visible and also no LAW file can be created

Digital Access Report

The measurement of the Digital Access Documents is not part of the standard measurement for the time being. In order to still have an overview of the values, a separate report can be executed, which calls the measurement function modules and displays measured values.

- The functionality is started by the transaction RSUVM_DAC or the execution of a report with the same name
- The period of the measurement can be chosen
- The last results are displayed
- If a new measurement is started the old results will be overwritten

Digital Access Report

Digital Access Report

Vermessen von	HOLTMAN	Jobs geplant	0	Jobs abgebrochen 0	● Letztes abgeschlossenes Kalenderjahr
Verm. Datum	14.01.2019	Jobs aktiv	0	Jobs beendet 9	○ Letzten 12 abgeschlossene Monate
Vermessungszeit	16:52:39				○ Benutzerdefinieter Zeitraum

| Status Vermessung | Erfolgreich Beendet | Start Datum | | End Datum | |

Appl	Name der Applikation	Einh..	Name der Metrik	Start Datum	End Datum	Anzahl
4030	Potential Sales Documents	4031	Sales Order Line Item (in K)	01.01.2017	31.12.2017	123
4030	Potential Sales Documents	4032	Sales Contract Line Item (in K)	01.01.2017	31.12.2017	4256
4030	Potential Sales Documents	4034	Sales Sched. Agreemt Releases (in K)	01.01.2017	31.12.2017	555
4040	Potential Purchase Documents	4041	Purchase Order Line Item (in K)	01.01.2017	31.12.2017	3
4040	Potential Purchase Documents	4042	Purch. Requisition Line Item (in K)	01.01.2017	31.12.2017	45
4050	Potential Invoice Documents	4051	Billing Document Line Item (in K)	01.01.2017	31.12.2017	26
4050	Potential Invoice Documents	4052	Billing Doc. Request Line Item (in K)	01.01.2017	31.12.2017	787
4050	Potential Invoice Documents	4053	Supplier Invoice Line Item (in K)	01.01.2017	31.12.2017	8546
4060	Potential Manufacturing Documents	4061	Production Order (in K)	01.01.2017	31.12.2017	255
4060	Potential Manufacturing Documents	4062	Process Order (in K)	01.01.2017	31.12.2017	111
4060	Potential Manufacturing Documents	4063	Manufacturing Confirmation (in K)	01.01.2017	31.12.2017	156
4070	Potential Material Documents	4071	Material Document Line Item (in K)	01.01.2017	31.12.2017	15
4080	Potential Quality Management Documents	4081	Defect (in K)	01.01.2017	31.12.2017	28
4080	Potential Quality Management Documents	4083	Inspection Result (in K)	01.01.2017	31.12.2017	189
4080	Potential Quality Management Documents	4084	Inspection Point Result (in K)	01.01.2017	31.12.2017	354
4090	Potential Service & Maintenance Docs	4091	Service/Maintenance Order (in K)	01.01.2017	31.12.2017	756
4090	Potential Service & Maintenance Docs	4092	Service/Maint. Notification (in K)	01.01.2017	31.12.2017	356
4090	Potential Service & Maintenance Docs	4093	Service/Maint. Confirmation (in K)	01.01.2017	31.12.2017	488
4100	Potential Financial Documents	4101	Financial Document Item (in K)	01.01.2017	31.12.2017	585
4110	Potential Time Management Documents	4111	Time Sheet Record (in K)	01.01.2017	31.12.2017	56

Availability of further innovations

The USMM History and the DAC report will be available from the following Support Packages in the software component SAP_BASIS:

- 7.02 SP22 (SAPKB70222)   RTC planned for Nov 2019
- 7.31 SP25 (SAPKB73124)   RTC planned for Jan 2019
- 7.40 SP22 (SAPKB74021)   RTC planned for Jan 2019
- 7.50 SP15 (SAPK-75015INSAPBASIS)   RTC planned for June 2019
- 7.51 SP08 (SAPK-75108INSAPBASIS)   RTC planned for April 2019
- 7.52 SP04 (SAPK-75204INSAPBASIS)   RTC planned for April 2019

Thanks for your interest!

Contact information:

Ulrich Lang
Global License Audit & Compliance
Dietmar Hopp Allee 16
69190 Walldorf
T: +49 6227 7-62490
mailto: ul.lang@sap.com

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