

Uncovering the Hidden Gems – Functionality in EAM, you don't know you have.

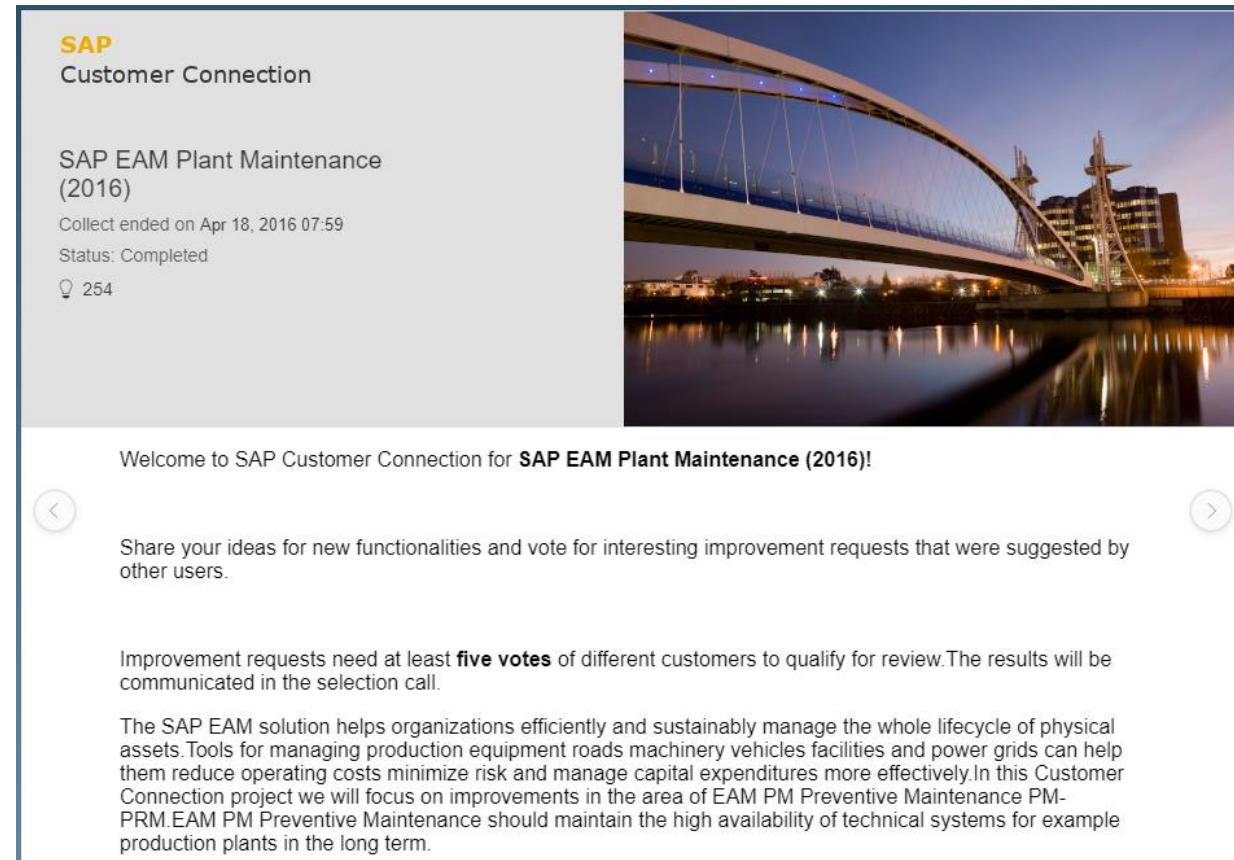
Graham Johnston
Work Management/EAM Consultant,
AGL Energy

Where did this Functionality come from?

- SAP has a program called 'SAP Customer Influence'.
- This program enables customers to submit ideas.
- These ideas are then reviewed by other customers.
- If they passed they are added to the development list to be accepted, built and deployed.
- The deployment of this functionality happens through SAP Notes or in Enterprise Asset Management Business Functions that are added during upgrades throughout the SAP versions.

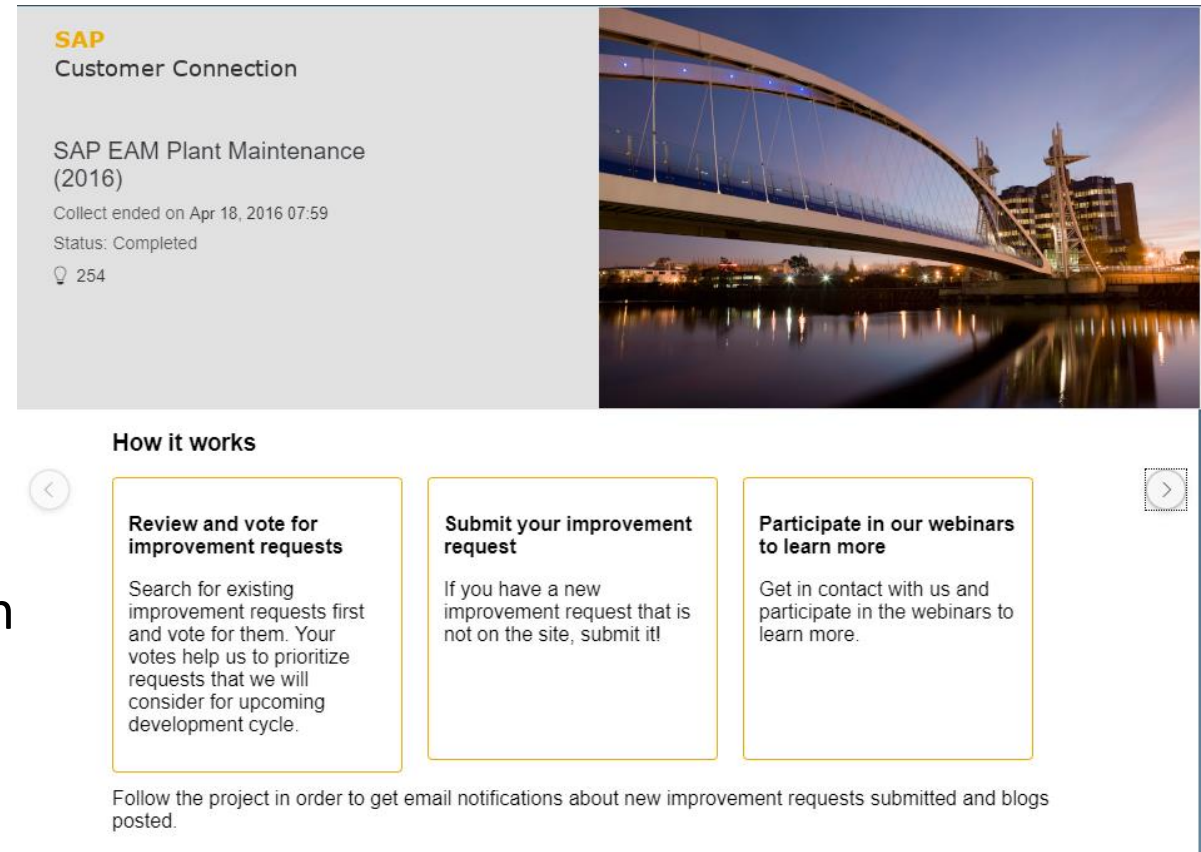
Where did this Functionality come from?

- The Customer Connection program SAP EAM Plant Maintenance (2016) created a lot of Customer driven enhancements
- The program ended in April 2022.
- The last deployment from this was in S/4 HANA version 2021
- Total of 90 improvements delivered



Where did this Functionality come from?

- The process was
 - If you had an idea you submitted your improvement
 - The idea was reviewed and vote on by other customers.
 - If accepted (highest number of votes) it was added as a improvement request to SAP.
 - Once accepted for development you participated in webinars and discussion forums
- I submitted an idea and it was accepted, built and deployed.



SAP
Customer Connection

SAP EAM Plant Maintenance (2016)
Collect ended on Apr 18, 2016 07:59
Status: Completed
🗨 254

How it works

- Review and vote for improvement requests**
Search for existing improvement requests first and vote for them. Your votes help us to prioritize requests that we will consider for upcoming development cycle.
- Submit your improvement request**
If you have a new improvement request that is not on the site, submit it!
- Participate in our webinars to learn more**
Get in contact with us and participate in the webinars to learn more.

Follow the project in order to get email notifications about new improvement requests submitted and blogs posted.

Where did this Functionality come from?

SAP Customer Influence | These Requests | Search | Graham Johnston

Homepage / Influence Opportunity Lists / SAP EAM Plant Maintenance (2016) / Delivered Improvements /

SAP EAM Plant Maintenance (2016) - Delivered Improvements

Sort By ... Most Recent Latest Change Most Votes Submission Date

Quicklink ⓘ

Improvement Requests

- Open for Voting 0
- My Requests 0
- My Votes 0
- My Comments 4
- Delivered Improvements 90**
- All Requests 254

Filter By ... Customize Filter

Recent Changes

Vote Number

Improvement Request Category

Sort by Submission Date

Go Clear Save as Quicklink

Filter By Area/Tag

Other

SAP EAM Plant Mainten... IR 7502 - Part A: Account determination enhancements Request 245289 Category PM-MM-Int1 Vote 1 Phase: Ideation Status: Delivered	SAP EAM Plant Mainten... IR 7502 - Part B: UI changes for easier contract handling Request 245291 Category PM-MM-Int1 Vote 1 Phase: Ideation Status: Delivered	SAP EAM Plant Mainten... IR 7502 - Part C: Source of supply determination within PM Request 245293 Category PM-MM-Int1 Vote 1 Phase: Ideation Status: Delivered	SAP EAM Plant Mainten... 9884 - part 1: mass changes for Z-fields IW28 -/- Massenänderung für Z-Felder IW28 Request 233154 Category Vote 0 Phase: Ideation Status: Delivered	SAP EAM Plant Mainten... 9884 part 2: mass change for Z-fields IW38 -/- Massenänderung für Z-Felder IW38 Request 233156 Category Vote 0 Phase: Ideation Status: Delivered	SAP EAM Plant Mainten... 9884 part 4: mass changes for Z-fields IE05 -/- Massenänderung für Z-Felder IE05 Request 233157 Category Vote 0 Phase: Ideation Status: Delivered
SAP EAM Plant Mainten... 9884 part 5: mass change for Z-fields IL05 -/- Massenänderung für Z-Felder IL05 Request 233158 Category Vote 0 Phase: Ideation Status: Delivered	SAP EAM Plant Mainten... D9830: material from different plant Request 213549 Category Preventive M... Vote 0 Phase: Ideation Status: Already Offered	SAP EAM Plant Mainten... Work Order Component Committed Quantity Dynamic Update Based On Material Requirements Request 10488 Category Vote 7 Phase: Ideation Status: Delivered	SAP EAM Plant Mainten... Stock overview in one screen of all the components of the BoM related to funloc or equipment Request 10462 Category PM-MM-Int2 Vote 8 Phase: Ideation Status: Already Offered	SAP EAM Plant Mainten... IA05: Global General Tasklist Request 10239 Category Preventive M... Vote 22 Phase: Ideation Status: Delivered	SAP EAM Plant Mainten... Create preventive maintenance plan by copying existing maintenance plan Request 10442 Category QuickWins Vote 24 Phase: Ideation Status: Delivered

Where did this Functionality come from?

SAP EAM Plant Maintenance (2016)

D9938: Mass-Availability-Check für EAM orders -/- Sammel-Verfügbarkeitsprüfung für PM-Aufträge

Request ID: 9938, Category: QuickWins

Vote: Vote

Follow:

Status: **Delivered**

Submitted on: Dec 14, 2015

Author: [Teschke Ingo](#)

Decision: [Delivered by note](#)

Changed on: Jun 30, 2017

DETAILS

ATTACHMENTS

COMMENTS

VOTES (22)

RELATED REQUESTS

PEOPLE

ACTIVITY LOG

Description:

English version: It should be possible to select multiple orders in order to perform a simultaneous availability check. The individual availability check functions correctly, and a similar function is already available in PP. Currently, the user has to call each order individually for the availability check. When orders are bundled (for example, for revision only), a combined order availability check is therefore required, e.g. from transaction IW38. The monitoring of the availability checks can be performed individually based on the set system status. German version: Mehrere Aufträge sollen markiert werden und gleichzeitig einer Verfügbarkeitsprüfung unterzogen werden. Die Verfügbarkeitsprüfung einzeln funktioniert, eine ähnliche Funktion gibt es bereits im PP. Heute muss für die Verfügbarkeitsprüfung jeder Auftrag einzeln aufgerufen werden. Bei einer Auftragsbündelung (z.B. zu einer Revision) ist daher eine auftragsübergreifende Verfügbarkeitsprüfung, z.B. aus Transaktion IW38, erforderlich. Die Kontrolle der Verfügbarkeitsprüfungen kann anhand der gesetzten Systemstatus einzeln vorgenommen werden. Describe current pain points and obstacles

Category for SAP EAM Plant Maintenance:

QuickWins

Decision Details

Decision Maker:

[erased](#)

Decision Date:

2017-06-30

Decision Reason:

Delivered by note

Comment (limited to 500 chars):

See SAP note 2422403

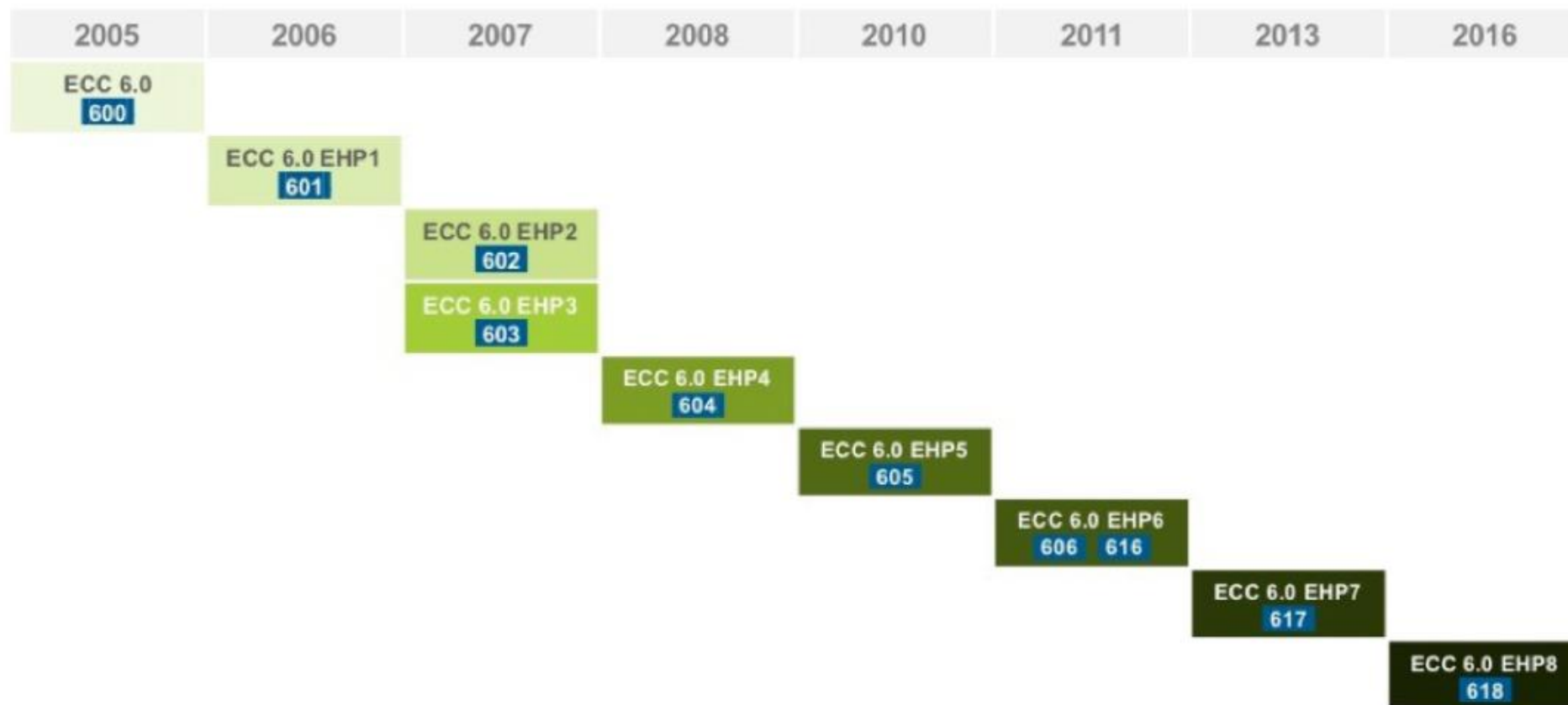
Reference:

[SAP note 2422403](#)

<https://influence.sap.com/sap/ino/#/campaign/147>

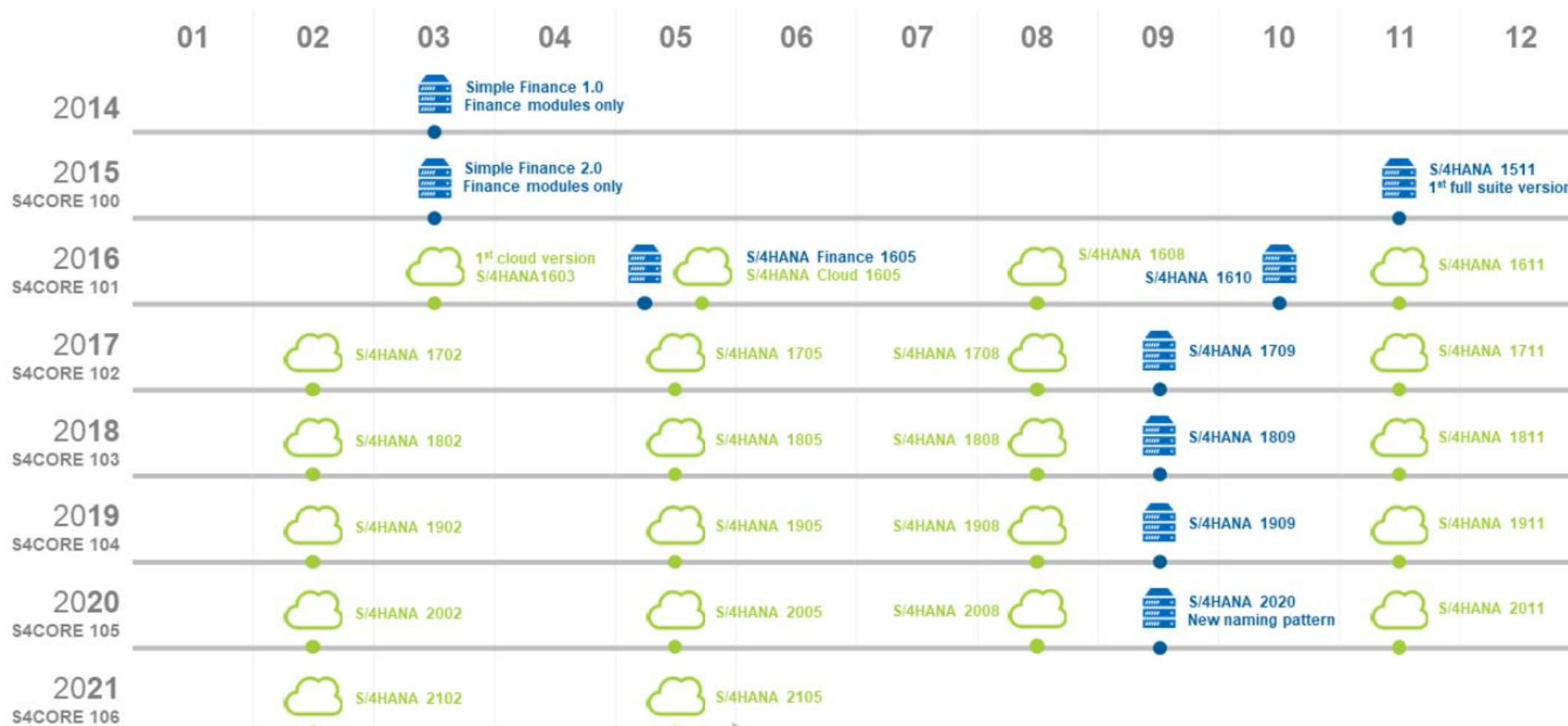
#MasteringSAP

Lets talk SAP Versions – ECC 6.0



ECC 6.0 only goes to Enhancement Pack 8

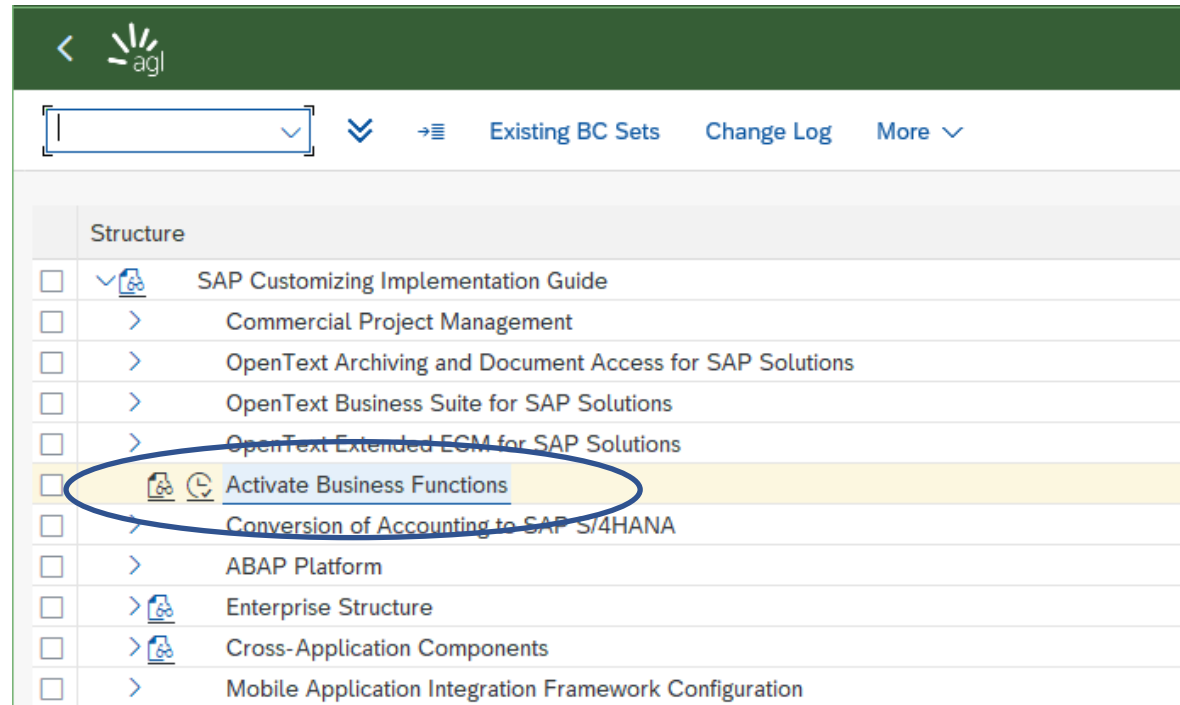
Lets talk SAP Versions – S/4 HANA



NOTE: S/4 HANA 2021 is now on premise and S/4 HANA 2022 is the latest version

Where is this Functionality in my System?

- This functionality is part of the System Configuration transaction SPRO so you will need IT.
- There is a section called 'Activate Business Function'



Where is this Functionality in my System?

- Open 'ENTERPRISE_BUSINESS_FUNCTION

SAP
Release
numbers

Business Function Set: Business set for TRP product

Name	Description	Planned Status	Depend...	Docume...	Software Component	Release	Application Component
LOG_EAM_CC	Configuration Control Innovations	Business func. will remain deactivated			S4CORE	604	PM-EQM-CC
LOG_EAM_CHECKLIST	EAM, Checklist Feature (Reversible)	Business func. will remain deactivated			S4CORE	106	PM-WOC-CL
LOG_EAM_CI_1	Enhancement Package 2 - Enterprise Asset Management	Business func. will remain activated			S4CORE	602	CA
LOG_EAM_CI_10	Enterprise Asset Management Part 10 (Reversible)	Business func. will remain deactivated			S4CORE	103	PM
LOG_EAM_CI_11	Enterprise Asset Management Part 11 (Reversible)	Business func. will remain deactivated			S4CORE	103	PM
LOG_EAM_CI_12	Enterprise Asset Management Part 12 (Reversible)	Business func. will remain deactivated			S4CORE	104	PM
LOG_EAM_CI_13	Enterprise Asset Management Part 13 (Reversible)	Business func. will remain deactivated			S4CORE	104	PM
LOG_EAM_CI_14	Enterprise Asset Management Part 14 (Reversible)	Business function (reversible) will remain activated			S4CORE	105	PM
LOG_EAM_CI_15	Enterprise Asset Management Part 15 (Reversible)	Business func. will remain deactivated			S4CORE	105	PM
LOG_EAM_CI_16	Enterprise Asset Management Part 16 (Reversible)	Business func. will remain deactivated			S4CORE	106	PM
LOG_EAM_CI_17	Enterprise Asset Management Part 17 (Reversible)	Business func. will remain deactivated			S4CORE	106	PM
LOG_EAM_CI_18	Enterprise Asset Management Part 18 (Reversible)	Business func. will remain deactivated			S4CORE	106	PM
LOG_EAM_CI_19	Enterprise Asset Management Part 19 (Reversible)	Business func. will remain deactivated			S4CORE	106	PM
LOG_EAM_CI_2	Enhancement Package 3 - Enterprise Asset Management	Business func. will remain activated			S4CORE	603	PM
LOG_EAM_CI_20	Enterprise Asset Management Part 20 (Reversible)	Business func. will remain deactivated			S4CORE	106	PM
LOG_EAM_CI_3	Enterprise Asset Management: Continuous Improvements	Business func. will remain activated			S4CORE	604	PM
LOG_EAM_CI_4	Enterprise Asset Management Part 4	Business func. will remain activated			S4CORE	605	PM
LOG_EAM_CI_5	Enterprise Asset Management Part 5	Business func. will remain activated			S4CORE	606	PM
LOG_EAM_CI_6	Enterprise Asset Management Part 6 (Reversible)	Business function (reversible) will remain activated			S4CORE	600	PM
LOG_EAM_CI_7	Enterprise Asset Mgmt Part 7	Business func. will remain activated			S4CORE	100	PM
LOG_EAM_CI_8	Enterprise Asset Management Part 8 (Reversible)	Business function (reversible) will remain activated			S4CORE	100	PM
LOG_EAM_CI_9	Enterprise Asset Management Part 9 (Reversible)	Business func. will remain deactivated			S4CORE	100	PM
LOG_EAM_CI_9_ORD_OPER_COMP	EAM, Reassign / Copy Order Components and Copy Operations	Business func. will remain deactivated			S4CORE	100	PM
LOG_EAM_GEF	EAM, Geographical Enablement Framework Integration	Business func. will remain deactivated			S4CORE	100	PM
LOG_EAM_IME_1	Business Function for Intelligent Maintenance Execution Part 1	Business func. will remain deactivated			S4CORE	106	PM
LOG_EAM_LINEAR_1	EAM, Linear Asset Management 1	Business func. will remain deactivated			S4CORE	605	PM-EQM
LOG_EAM_LINEAR_2	EAM, Linear Asset Management 2 (Reversible)	Business func. will remain deactivated			S4CORE	606	PM-EQM
LOG_EAM_MAM	Business function for Mobile Asset management Enhancement pa	Business func. will remain deactivated			S4CORE	603	CA
LOG_EAM_MPOINT_MASS_DEACT	EAM: Mass Deactivation of Measuring Points and Counters (Reve	Business function (reversible) will remain activated			S4CORE	604	PM
LOG_EAM_MPS1	Maintenance Plan Scheduling Using Preselection 1 (Reversible)	Business function (reversible) will remain activated			S4CORE	617	PM-PRM-MP
LOG_EAM_OLC	Operation Account Assignment	Business func. will remain activated			S4CORE	605	CO

These are the
Business
Function
numbers

Yellow lines
mean they
are activated

Where is this Functionality in my System?

- A few things to be aware of in this area
 - Some of these functions once turned on are on **permanently**
 - Some have dependencies
 - Most require the ‘**Simplified Management of EAM**’ functions to be turned on as well for the functionality to work.
- So the KEY MESSAGE here is ‘**BE CAREFUL**’
- If you have a standalone Sandbox system start there first.

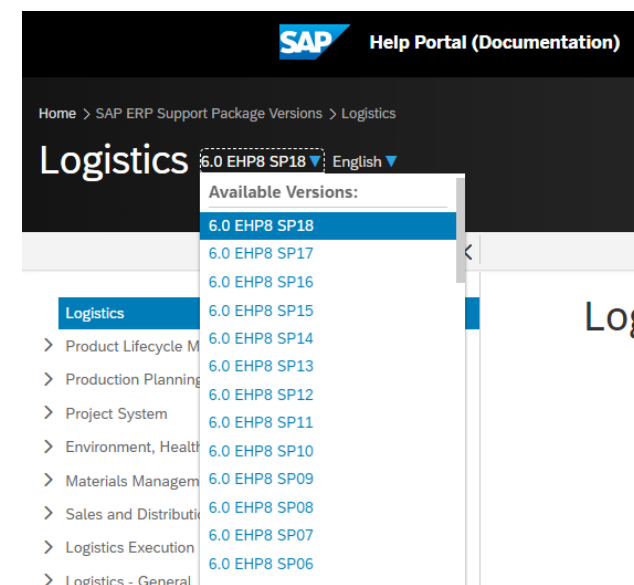
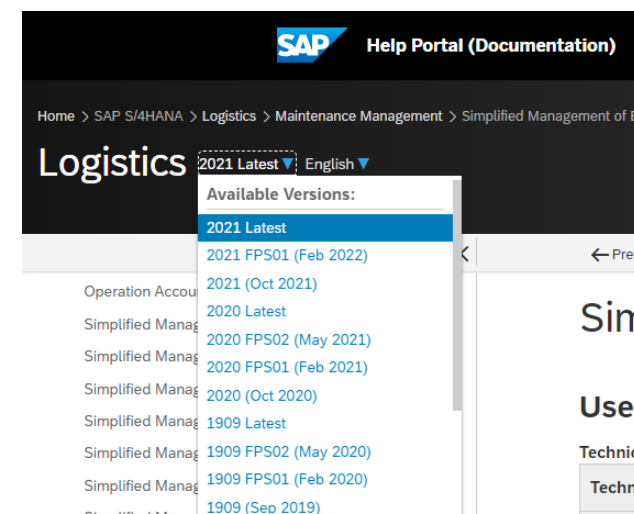
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LOG_EAM_CI_12	Enterprise Asset Management Part 12 (Reversible)	Business func. will remain deactivated		[1]	S4CORE	104	PM
LOG_EAM_CI_13	Enterprise Asset Management Part 13 (Reversible)	Business func. will remain deactivated		[1]	S4CORE	104	PM
LOG_EAM_CI_14	Enterprise Asset Management Part 14 (Reversible)	Business function (reversible) will remain activated		[1]	S4CORE	105	PM
LOG_EAM_CI_15	Enterprise Asset Management Part 15 (Reversible)	Business func. will remain deactivated		[1]	S4CORE	105	PM
LOG_EAM_CI_16	Enterprise Asset Management Part 16 (Reversible)	Business func. will remain deactivated		[1]	S4CORE	106	PM
LOG_EAM_CI_17	Enterprise Asset Management Part 17 (Reversible)	Business func. will remain deactivated		[1]	S4CORE	106	PM
LOG_EAM_CI_18	Enterprise Asset Management Part 18 (Reversible)	Business func. will remain deactivated		[1]	S4CORE	106	PM
LOG_EAM_CI_19	Enterprise Asset Management Part 19 (Reversible)	Business func. will remain deactivated		[1]	S4CORE	106	PM
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Name	Description	Planned Status	Depend...	Docume...	Software Component	Release	Application Compo
LOG_EAM_SIMPLICITY	Simplified Management of EAM Functions	Business func. will remain activated		[1]	S4CORE	605	PM
LOG_EAM_SIMPLICITY_10	Simplified Management of EAM Functions 10 (Reversible)	Business func. will remain deactivated		[1]	S4CORE	103	PM
LOG_EAM_SIMPLICITY_11	Simplified Management of EAM Functions 11 (Reversible)	Business func. will remain deactivated		[1]	S4CORE	104	PM
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LOG_EAM_SIMPLICITY_9	Simplified Management of EAM Functions 9 (Reversible)	Business func. will remain deactivated		[1]	S4CORE	103	PM

This is where IT goes to turn on this functionality

How do I know what is there?

- This functionality is fully documented in SAP Help.
- It explains each function in detail.
- Here is the link for S/4
https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/77c07c8d30664260a0b3ff864e6b5e78/2c23f747fc484a4dae40be3f7950e8e5.html?locale=en-US
- Here is the link for ECC 6.0
https://help.sap.com/docs/SAP_ERP_SPV/930f133a36a843318dc3347afe00a9d6/b5daf75305610114e10000000a174cb4.html?locale=en-US
- Just select your version and start reading.



Let's look at some of the Functionality Delivered

- Starting at Enterprise Asset Management Part 5
- These slides only focus on key changes.
- All previous packages had minimal changes

Enterprise Asset Management Part 5

- Purchase Requisition & Purchase Order information is added to Component and Operation lines.

HeaderData Operations Components Costs Objects Additional Data Location Planning Control Enhancement

Gen. Data Purch. List Graphics Assy Repl. Catalog

	Item...	Component	GR...	Reqmts date	Delivery Date ...	Purchase Req.	Requi...	Delivery Date ...	Received	GR...	D	Purchase order	Item
☐	0010			09.03.2021	09.03.2021	10002142	10	26.10.2020	0.00			4500003686	10
☐	0020						0		0.000				0

HeaderData		<u>Operations</u>		Components		Costs		Objects		Additional Data		Lc	
General		Internal		External		Dates		Act. Data		Enhancement			
	Act.	GR...	Delivery Date ...	Requisition	Requi...	Delivery Date ...	D	Purchase order	Item				
☐	0030		24.05.2021	10002228	10	19.05.2021		4500003821	10				
☐	0040				0				0				
☐	0050		08.06.2021	10002228	40				0				
☐	0060		08.06.2021	10002228	80	12.04.2021		4500003852	10				
☐	0070				0				0				
☐	0080		08.07.2021	10002228	110				0				

Enterprise Asset Management Part 6

- Maintenance Plan Call Horizon in days
Before it was only %

Call control parameter

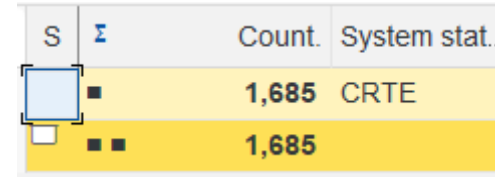
Call horizon:	100	DAY
Scheduling period:	90	DAY
Completion Requirement:	☐	

- List Characteristics in Technical Object List Edit transactions
 - Maximum of 20 Characteristics can be listed

Display Functional Location: Functional Location List							
Layout for Characteristics More							
Mn.wk.ctr	PG	System status	User Status	MANUFACTURER SERIAL NO	TOTAL VOLUME	MATERIAL TYPE	MODEL NUMBER
MM01	H11	CRTE	DECO REGU		400		
MM01	H11	CRTE	DECO REGU	PVPJ 7896	400		
MM01	H11	CRTE	DECO REGU	PVPJ 7897	400		
ME02	E02	CRTE	DECO REGU				

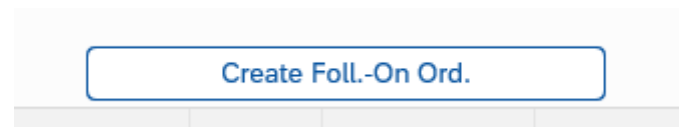
Enterprise Asset Management Part 7

- Mass data change function in list editing for maintenance plans and maintenance items (transactions IP15 and IP17)
- Change Notification Type to a target Notification Type
- All List Edit Count column added



S	Σ	Count	System stat...
	■	1,685	CRTE
	■ ■	1,685	

- Creating Follow-On Orders. A relationship is created to reference an Order or Operation and you can display this relationship in the document flow.
- And others

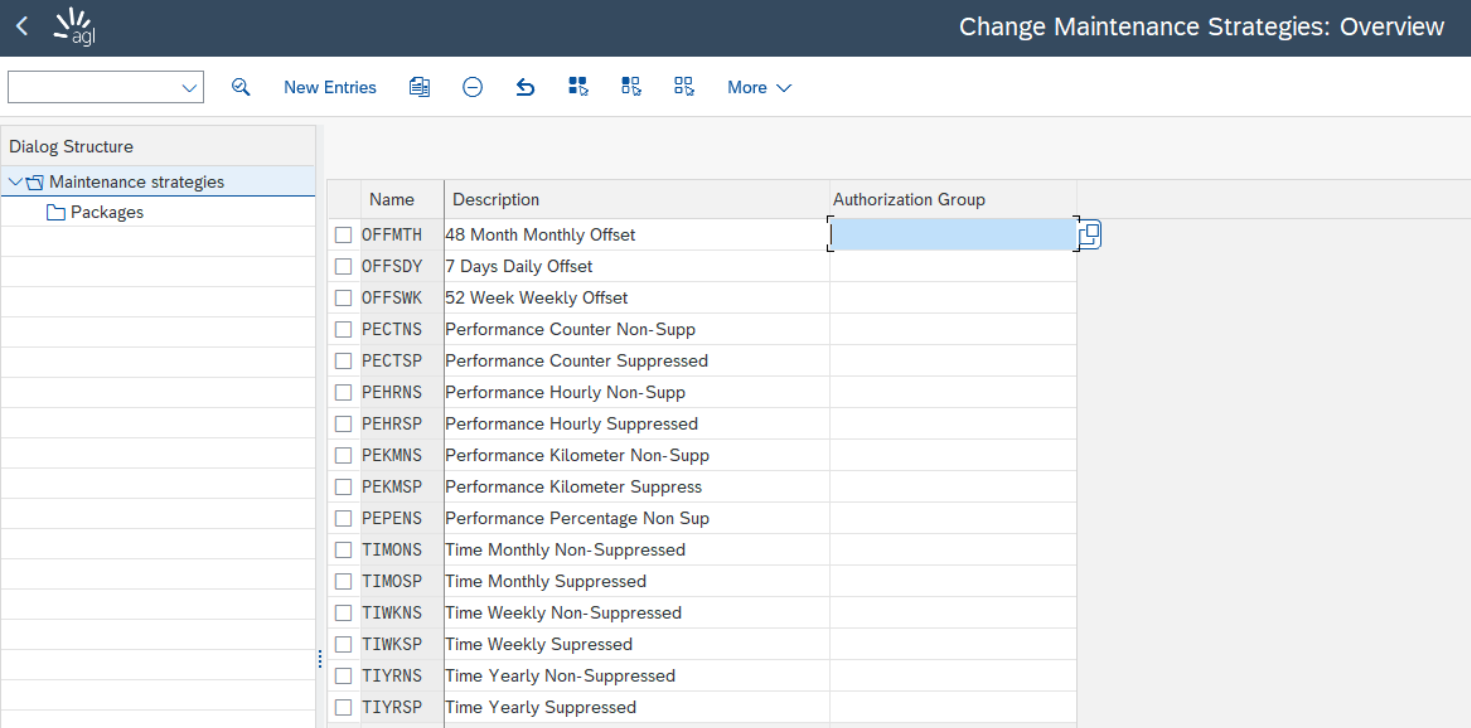


Enterprise Asset Management Part 8

- Displaying Maintenance Plan Call Information in Order List (IW38), and Order and Operation List (IW37N).
- Material Availability Check in List Edit Change Orders IW38. (New transaction IW38A can also be used)
- Displaying PM Activity Type in Notification – a Maintenance Activity Type can be added to Maintenance Plans that create Notifications.
- Showing All Measurement Documents on all Functional Location and Equipment transactions.
- And others

Enterprise Asset Management Part 9

- Assign authorization groups to maintenance strategies.
- Once assigned a strategy only the users with that Authorisation group can change the strategy e.g. packages, Call Horizon, etc.



Change Maintenance Strategies: Overview

Name	Description	Authorization Group
☐ OFFMTH	48 Month Monthly Offset	
☐ OFFSDY	7 Days Daily Offset	
☐ OFFSWK	52 Week Weekly Offset	
☐ PECTNS	Performance Counter Non-Supp	
☐ PECTSP	Performance Counter Suppressed	
☐ PEHRNS	Performance Hourly Non-Supp	
☐ PEHRSP	Performance Hourly Suppressed	
☐ PEKMNS	Performance Kilometer Non-Supp	
☐ PEKMSP	Performance Kilometer Suppress	
☐ PEPENS	Performance Percentage Non Sup	
☐ TIMONS	Time Monthly Non-Suppressed	
☐ TIMOSP	Time Monthly Suppressed	
☐ TIWKNS	Time Weekly Non-Suppressed	
☐ TIWKSP	Time Weekly Suppressed	
☐ TIYRNS	Time Yearly Non-Suppressed	
☐ TIYRSP	Time Yearly Suppressed	

Enterprise Asset Management Part 9 (Part 2)

- Copying Order Operation and Component.
 - You can copy operations and suboperations.
 - You can copy materials that you have entered for an operation.
 - You can move individual materials from one operation to another

HeaderData

Operations

Components

Costs

Objects

Additional Data

Location

Planning

Control

Enhancement

General

Internal

External

Dates

Act. Data

Enhancement

Ex. Factor

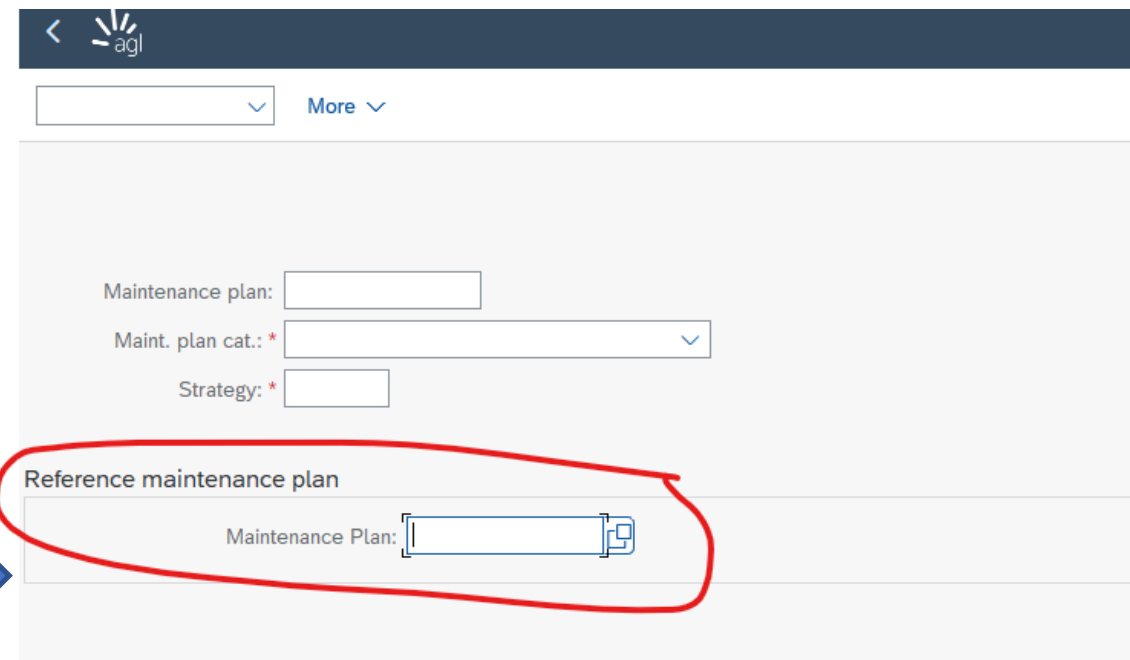
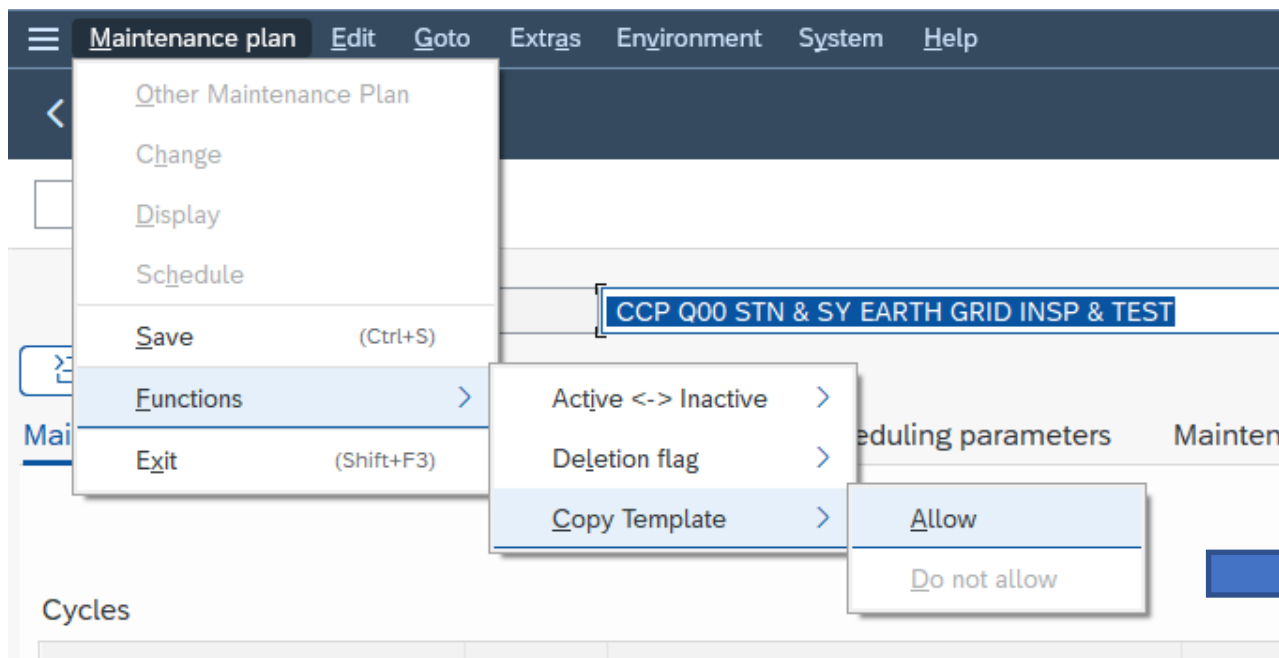
Catalog

Create Foll-On Ord.

Act.	Work Ctr	Plant	Cont...	Operation Short Text	Lo...	Com...	Actual w...	Work	Un	Nu...	Dur.	Un	Earl.start ti...	Earl.start date	Earliest finish	EarliestEndDate	S...	ActTyp	C.Key
☐	0010	MO01FIX2	1562	PM01	OPEN SEL PRESSURE VESSELS FOR SI INSP		☐	0	10H	2		5H	00:00:00	31.07.2023	05:00:00	31.07.2023	3	CMAMWM	Calculate work
☐	0020	MO01SPX2	1562	PM01	RTN SI ON PV SEL DETRAINING TNK		☐	0	4H	2		2H	05:00:00	31.07.2023	07:00:00	31.07.2023	3	CMAMWM	Calculate work
☐	0030	MO01FIX2	1562	PM01	MAINT SEL DETRAIN TNK		☒	0	8H	2		4H	07:00:00	31.07.2023	11:00:00	31.07.2023	3	CMAMWM	Calculate work
☐	0040	MO01SPX2	1562	PM01	RTN SI ON PV SEAL OIL FLOAT TNK		☐	0	4H	2		2H	07:00:00	31.07.2023	09:00:00	31.07.2023	3	CMAMWM	Calculate work
☐	0050	MO01FIX2	1562	PM01	MAINT PV SEL FLOAT TNK		☐	0	8H	2		4H	09:00:00	31.07.2023	13:00:00	31.07.2023	3	CMAMWM	Calculate work
☐	0060	MO01SPX2	1562	PM01	RTN SI ON PV SEL STORAGE TNK		☐	0	4H	2		2H	09:00:00	31.07.2023	11:00:00	31.07.2023	3	CMAMWM	Calculate work
☐	0070	MO01FIX2	1562	PM01	MAINT SEL STORAGE TNK		☒	0	8H	2		4H	11:00:00	31.07.2023	15:00:00	31.07.2023	3	CMAMWM	Calculate work
☐	0080	MO01FIX2	1562	PM01	RET ALL VESSELS AND CLOSE DOORS		☒	0	10H	2		5H	15:00:00	31.07.2023	20:00:00	31.07.2023	3	CMAMWM	Calculate work
☐	0090	MM01	1562	PM01			☐	0	H			H	00:00:00		00:00:00				
☐	0100	MM01	1562	PM01			☐	0	H			H	00:00:00		00:00:00				
☐	0110	MM01	1562	PM01			☐	0	H			H	00:00:00		00:00:00				
☐	0120	MM01	1562	PM01			☐	0	H			H	00:00:00		00:00:00				
☐	0130	MM01	1562	PM01			☐	0	H			H	00:00:00		00:00:00				

Enterprise Asset Management Part 10

- Copying Maintenance Plan from a Reference Plan.
 - A Maintenance Plan must be identified as a Template plan before it can be used as a Reference Plan



- Display Maintenance Plan Cycle Information in IP17 or IP18.

Sel.	MaintItem	Maintenance item description	MntPlan	Cycles	Counter Descriptions	Cys. Descs	Counters	Offsets and Units
	8047915	BW #3 1Y BLR/TURB GRD MAT/STRWY INSP	2018558	1 YR		1 Yearly		0 YR
	8047919	BW #3 1Y DCP GRD MAT/STRWY INSP	2018562	1 YR		1 Yearly		0 YR
	8047916	BW #4 1Y BLR/TURB GRD MAT/STRWY INSP	2018559	1 YR		1 Yearly		0 YR
	8047920	BW #4 1Y DCP GRD MAT/STRWY INSP	2018563	1 YR		1 Yearly		0 YR
	8023877	BW 1000H CONV 10A ASSY LUBE	2006370	1000 H	10A CONVEYOR RUN HOURS	1,000 Hours	1	0 H
	8025235	BW 1000H CONV 10B ASSY LUBE	2006375	1000 H	10B CONVEYOR RUN HOURS	1,000 Hours	1	0 H
	8027578	BW 1000H CONV 11A ASSY LUBE	2006496	1000 H	11A CONVEYOR RUN HOURS	1,000 Hours	1	0 H
	8020769	BW 1000H CONV 11B ASSY LUBE	2006500	1000 H	11B CONVEYOR RUN HOURS	1,000 Hours	1	0 H
	8024933	BW 1000H CONV 1A ASSY LUBE	2006344	1000 H	1A CONVEYOR RUN HOURS	1,000 Hours	1	0 H
	8022851	BW 1000H CONV 1B ASSY LUBE	2006351	1000 H	1B CONVEYOR RUN HOURS	1,000 Hours	1	0 H
	8020859	BW 1000H CONV 2A ASSY LUBE	2006354	1000 H	2A CONVEYOR RUN HOURS	1,000 Hours	1	0 H
	8020431	BW 1000H CONV 2B ASSY LUBE	2006357	1000 H	2B CONVEYOR RUN HOURS	1,000 Hours	1	0 H
	8029931	BW 1000H CONV 9 ASSY LUBE	2006394	1000 H	9 CONVEYOR RUN HOURS	1,000 Hours	1	0 H
	8031069	BW 1000H MIX STREAM A LUBE	2007434	1000 H	RWTH ROTARY VALVE A OPERATING HOU...	1,000 Hours	1	0 H
	8022791	BW 1000H MIX STREAM B LUBE	2007435	1000 H	RWTH ROTARY VALVE B OPERATING HOU...	1,000 Hours	1	0 H
	8033043	BW 1000H SILO DUST COLCT A MAINT	2007430	1000 H; 20...	RWTH INT SILO DUST COLLECTOR A OP H...	1,000 Hours; ...	1	0 H; 0 H; 0 H; 0 H
	8025664	BW 1000H SILO DUST COLCT B MAINT	2007433	1000 H; 20...	RWTH INT SILO DUST COLLECTOR B OP H...	1,000 Hours; ...	1	0 H; 0 H; 0 H; 0 H
	8021478	BW 1000H SLURRY PMP A VV MECH MAINT	2008574	1000 H	PUMP SLURRY A OPERATING HOURS	1,000 Hours	1	0 H
	8027682	BW 1000H SLURRY PMP B VV MECH MAINT	2008573	1000 H	PUMP SLURRY B OPERATING HOURS	1,000 Hours	1	0 H
	8032415	BW 104W 1 DCP IN DCT A&B ACCUM EXT INSP	2021872	104 WK		104 Weekly		0 WK

- Notification Mass Change additional fields added including 'User Status' IW28.

The screenshot displays the SAP S/4HANA Fiori 'Change Notifications: List of Notifications' application. The main table lists notifications with columns: Type, PG, Mn.wk.ctr, Functional Location, Description of functional location, and Description. A 'Mass Maintenance: Field View' dialog is open, showing tabs for 'Reference Object', 'Deadline Data', 'Breakdown', 'Responsibilities', and 'Customer Specific Data'. The 'Select fields' dialog is also open, showing a list of fields to be included in the view, with 'User Status' selected.

Type	PG	Mn.wk.ctr	Functional Location	Description of functional location	Description
M1	E01	ME01			
M3	B01	MU02			
	B01	MB01			
	B01	MB01			

Mass Maintenance: Field View

Reference Object Deadline Data Breakdown Responsibilities Customer Specific Data

Select fields

Selection criteria

Pool

☐ User Status

Enterprise Asset Management Part 12

- Classification can be added to Maintenance Plans

Object

MaintenancePlan: 2012762 TPB Q00 5Y CRTL AIR REC PSV STAT IN

Class Type: 080 Maintenance Plans:

Assignments

Class	Description	Stan...	S...	Icon	Itm
☐ MP_TECH_COMPLIANCE	Technical Compliance Plans	☐	1	✓	10

Entry: 1 / 1

Values for Class MP_TECH_COMPLIANCE - Object 2012762

General

Characteristic Description	Value
☐ Pressure System Compliant	YES
☐ Maintenance Plan Review	20.05.2026

Change Maintenance Plan: Selection Criteria

Maint. plan selection

Maintenance Plan: to:

MaintPlanText: to:

Maintenance Strategy: to:

Maint. plan cat.: to:

MaintPlan sort field: to:

Measuring point: to:

AuthorizGroup: to:

Status included: to:

Status excluded: to:

Maintenance item assignments with or without

Classification

Class Type: 080 Include S

Class: MP_TECH_COMPLIANCE

Scheduling parameters

Valuation for Class 080 MP_TECH_COMPLIANCE

Chars

General

Characteristic Description	Value	T
☐ Pressure System Compliant	YES	
☐ Maintenance Plan Review		

Enterprise Asset Management Part 12

- Specifying End Dates and End Counters in Maintenance Plans

< agl Change Maintenance Plan: Strategy plan 0

Class Overview More

Maintenance plan:

Maint. plan header

Maintenance plan cycle 15.07.2022 Maintenance plan scheduling parameters Maintenance plan additional data Maintenance plan schedule

Sort field:

Authorization Group:

Maint. plan cat.:

Strategy: Time Yearly Suppressed

Key Date: *

End Date for Sched.:

Item overview Item Object list item Item location Schedule call item Cycle item 15.07.2022

Enterprise Asset Management Part 13

- Orders and Operation (IW37N) Mass Change

The screenshot shows the SAP IW37N 'Change Orders and Operations' interface. The 'Order' menu is open, displaying options such as 'Release Order', 'Print Order', 'Download Order', 'Copy Project Dates', 'Define Order Groups', 'Confirmation', 'Revision', 'Original Budget', 'Completion', 'Mass Change', and 'Delete Historical Order'. The 'Mass Change' option is highlighted, and a sub-menu is visible with 'Change Order Header' and 'Change Order Operation' options. The background table lists various orders and operations with columns for Text, Earliest start date, Work, System status, Oper. System Status, and Operation.

Text	Earliest start date	Work	System status	Oper. System Status	Operation
Change	07.07.2022	8	CRTD NMAT PRC	CRTD	CF
Existing Setpoint. Di	07.07.2022	8	CRTD NMAT PRC	CRTD	CF
■ 16					
cks and Cooling Towers	25.03.2022	1	CRTD CSER NMAT PRC	CRTD	CF
Condition Assessment	25.03.2022	0	CRTD CSER NMAT PRC	CRTD	CF
■ 1					
		4	CRTD NMAT PRC	CRTD	CF
		4	CRTD NMAT PRC	CRTD	CF
		9	CRTD NMAT PRC	CRTD	CF
■ 17					
Verify U2 CWD High and Low alarm setp...	01.07.2022	7	REL PRT NMAT PRC SETC	PRT REL	SC

Enterprise Asset Management Part 13

- Copying Descriptive Texts from the Maintenance Order to the Purchase Requisition
- Remark, Comment & Note are added for both External Component and Service Purchase Requisitions

General Internal **External** Dates Act. Data Enhancement

Operation qty: 1 AU Sort Term: Price: 20,000.00 AUD per: 1

Material Group: 721500 Repairs and Maint Cost Element: Supplier: 100068 Toshiba Australia Pty Limited

Purch. Group: 635 / 1000 Info record: Unloading Point: Tracking Number: FW Order: /

Agreement: / Recipient: Requisitioner: PL Deliv. Time: ☐ Subcontracting

Operation

Note

Remark

Comment

Services Components Relationships

Line	D...	Service No.	Short Text	Quantity	Un	Gross Price	Crcy	Overf. Tol.	U Cost Element	Net Value	Se...	Lin...
10			TEST	1.00	EA	20,000.00	AUD	0.0	63000000	20,000.00		
20							AUD	0.0		0.00		
30							AUD	0.0		0.00		
40							AUD	0.0		0.00		
50							AUD	0.0		0.00		
60							AUD	0.0		0.00		
70							AUD	0.0		0.00		
80							AUD	0.0		0.00		

Service Sel. Catalog Line: 10



Document Overview On Personal Setting Save As Template More

Purchase Requisition 10077890

Header Item Overview

Item: [20] TESTING ADDITIONAL PR TEXTS

Enhanced Limits Material Data Quantities/Dates Valuation Account Assignment Source o

Item Texts	Any te...	Note
Item text	✓	
Item note	✓	
Delivery text	✓	
Material PO text		

Continuous-text edit...

Enterprise Asset Management Part 14

- New Task List & Operations transactions (IA38 & IA39)
- Similar to IW37N but with Task Lists

agl

Change Task Lists and Operations

</

Enterprise Asset Management Part 15

- Service Operation delivery address change
 - This is used if the Service is to be carried out at a specific address

Change Preventive Maintenance Order 420174872: Operation Overview

Order: PM02 420174872 BW G00 2Y U0 PDPS A7/8 PMP FLO METER CAL
Sys.Status: REL CSER NMAT PRC SETC PLND

HeaderData **Operations** Components Costs Objects Additional Data Location Planning Control Enhancement

General	Internal	External	Dates	...	
☒	0010	MZ01CMXX	1562	PM03	CAL VENDOR CAL OF FLOW METER
☐	0020	MC01IN	1562	PM01	ASSIST VENDOR
☐	0030	MC01	1562	PM01	
☐	0040	MC01	1562	PM01	
☐	0050	MC01	1562	PM01	
☐	0060	MC01	1562	PM01	
☐	0070	MC01	1562	PM01	
☐	0080	MC01	1562	PM01	
☐	0090	MC01	1562	PM01	
☐	0100	MC01	1562	PM01	
☐	0110	MC01	1562	PM01	
☐	0120	MC01	1562	PM01	
☐	0130	MC01	1562	PM01	
☐	0140	MC01	1562	PM01	

Delivery address for item 0010

Address number:

Customer:

Location:

Address

Title:

Name:

Name 2:

Name 3:

Name 4:

Street:

Create Foll.-On Ord.

Start ti...	Earl.start date	Earliest finish	EarliestEndDate	S...	ActType	C.Key
0:00	11.07.2022	11:45:00	11.07.2022	2	CCWMWM	Calculate work
0:00	17.07.2022	08:00:00	18.07.2022	2	EMAIWM	Calculate work
0:00		00:00:00				
0:00		00:00:00				
0:00		00:00:00				
0:00		00:00:00				
0:00		00:00:00				
0:00		00:00:00				
0:00		00:00:00				
0:00		00:00:00				
0:00		00:00:00				
0:00		00:00:00				
0:00		00:00:00				
0:00		00:00:00				
0:00		00:00:00				
0:00		00:00:00				

Enterprise Asset Management Part 15

- Service or Component delivery date align with either start or finish date of the Operation.

Order: 420174872 Activity: 0010 / Ctrl key: PM03
StdTextKey/ShrtText: CAL VENDOR CAL OF FLOW METER

General Internal External **Dates** Act. Data Enhancement

Erl. start: 11.07.2022 07:30:00 EarL. fin.: 11.07.2022 11:45:00
LatestStrt: 17.07.2022 12:15:00 LatestFin.: 18.07.2022 08:00:00
Exec. Start: 00:00:00 Exec. End: 00:00:00
FctstFinish: 00:00:00

Align Date: **X Align to Finish Date** (selected)
Restriction Align to Start Date
StartPoint: **X Align to Finish Date** (selected) 00:00:00
End: 24:00:00

Buffer
Total Flt: 6
Free Flt: 6

Services Components Reqmnts Assignment Relationships

Line	D... Service No.	Short Text	Quantity	Un
☐ 10	☐ 1000011	Instrument & Control Engineering	4	H
☐ 20	☐			
☐ 30	☐			
☐ 40	☐			
☐ 50	☐			
☐ 60	☐			
☐ 70	☐			

Order: 420174872 Activity: 0020
Material: 1146995 BOILER TUBE, SEAMLESS, 76.2MM OD, 8MM TH
Item: 0010 Item Category: L

General Data

Component

Plant: 1562 Stor. Loc.: 1000
Batch: Sort String:
Reqmt Date: 17.07.2022 16:00:00 Offset:
Align Rqmt Date: **Align to Start Date** (selected)
Reservation: **Align to Start Date** (selected)
Goods Recipient: Manual Requirement Date
Recipient Location: Unloading Point:
Component

Enterprise Asset Management Part 15

- Technical Objects, Work Orders & Notification Change Documents show all changes done to each field

User	First name	Last name	Date	Time	TCo...	Short Description	Change Type	Medium Label	Old value	New value	Change In...
A129935	Graham	Johnston	05.07.2022	15:00:41	IW38	Basic finish date	Change	Basic fin. date	30.11.2021	11.07.2022	U
A129935	Graham	Johnston	05.07.2022	15:00:41	IW38	Basic Start Date	Change	Bas. Start Date	30.11.2021	11.07.2022	U
A129935	Graham	Johnston	05.07.2022	15:16:45			Insert				I
A129935	Graham	Johnston	05.07.2022	15:58:30			Insert				I
A129935	Graham	Johnston	05.07.2022	15:58:30		Basic finish date	Change	Basic fin. date	11.07.2022	18.07.2022	U
A129935	Graham	Johnston	05.07.2022	15:58:30		Constraint on the basic start date for the activity	Change	StartConstraint		1	U
A129935	Graham	Johnston	05.07.2022	15:58:30		Constraint for activity start (Basic)	Change	Start constr.	00.00.0000	17.07.2022	U
A129935	Graham	Johnston	05.07.2022	15:58:30		Constraint for activity start time (Basic)	Change	StartTimeConstr	00:00:00	16:00:00	U
A129935	Graham	Johnston	05.07.2022	15:58:30		Basic finish time of the activity	Change	Fin.time constr	24:00:00	00:00:00	U
A129935	Graham	Johnston	18.07.2022	08:49:47	IW32	Account Number of Supplier	Change	Supplier		102344	U
A129935	Graham	Johnston	18.07.2022	08:50:08	IW32	Estimated total costs of order	Change	Estimated costs	0.00 AUD	142.99 AUD	U
A129935	Graham	Johnston	18.07.2022	09:05:07	IW32	Maintenance activity type	Change	MaintActivType	050	130	U
A129935	Graham	Johnston	18.07.2022	09:05:07	IW32	Description	Change	Description	BW G00 2Y U0 PDPS A7/8 PMP FLO METER CAL	BW G00 2Y U0 PDPS A7/8 PMP FLO METER TES	U
A129935	Graham	Johnston	18.07.2022	09:05:29	IW32		Insert				I
A129935	Graham	Johnston	18.07.2022	09:08:21	IW32		Insert				I
A129935	Graham	Johnston	18.07.2022	09:08:21	IW32		Insert				I
A129935	Graham	Johnston	18.07.2022	09:08:21	IW32		Insert				I
A129935	Graham	Johnston	18.07.2022	09:08:21	IW32		Insert				I
A129935	Graham	Johnston	18.07.2022	09:10:45	IW32	Operation Short Text	Change	Op. Short Text	TESTING NEW OPERATION CHANGE	TESTING NEW OPERATION CHANGE + EXTRA	U
A129935	Graham	Johnston	18.07.2022	09:10:45	IW32	Work involved in the activity	Change	Work	4 H	8 H	U
A129935	Graham	Johnston	18.07.2022	09:10:45	IW32	Normal duration of the activity	Change	Normal duration	4 H	8 H	U

Enterprise Asset Management Part 15

- Task Status can be reversed
 - Example – If a Task has been completed by mistake it can be reversed back to Released

Task

Sort Number: Task:

Code Group: Statutory Compliance Tasks

Task Code: Review evidence assess and action 

Follow-Up Actn:

Task Text:

Task Status:

Responsible:

Task Planning

Planned Start:

Planned End:

Completed On: By:



Task

Sort Number: Task:

Code Group: Statutory Compliance Tasks

Task Code: Review evidence assess and action 

Follow-Up Actn:

Task Text: 

Task Status:

Responsible:

Task Planning

Planned Start:

Planned End:

Completed On: By:

Enterprise Asset Management Part 16

- Display Options for Classifications in Equipment and Functional Locations
- Display up to 200 characteristics in single-level list displays
- New field to identify the Class

agl Display Functional Location: Functional Location List

Search, Edit, Refresh, Filter, Sort, Print, Copy, Paste, Show/Hide Classification, More

Sel.	Functional Location	Description of functional location	PIPI	Class TC_100010 is assigned	DESIGN STANDARD	AS4343 HAZARD LEVEL	TEMPERATURE UNIT OF MEASU...	PLANT DESIGN REGISTRATION NO.	PRESSURE UNIT OF MEAS
	BAYE01EAC01GL007-ML01CM01	BW CHP CONV MA2B/3B DRV BRK AIR RECV	1562	TC_100010 is assigned	AS1210 Class 3	HAZARD LEVEL C	Celsius	QLD-Q26999	Kilopascal
	BAYE01EAD01FR001-GQ01CM01	BW CHP STK/RCLM LUBE AIR RECV	1562	TC_100010 is assigned		HAZARD LEVEL C		3587 P83	Megapascal
	BAYE01ECE01GL001-TL01CM01	BW CHP CONV 1A HORIZ AIR RECV	1562	TC_100010 is assigned		HAZARD LEVEL D		V276.78	Kilopascal
	BAYE01ECE01GL002-TL01CM01	BW CHP CONV 1B HORIZ AIR RECV	1562	TC_100010 is assigned		HAZARD LEVEL D		V276.78	Kilopascal
	BAYE01ECE01GL003-TL01CM01	BW CHP CONV 2A HORIZ AIR RECV	1562	TC_100010 is assigned		HAZARD LEVEL D		V276.78	Kilopascal
	BAYE01ECE01GL004-TL01CM01	BW CHP CONV 2B HORIZ AIR RECV	1562	TC_100010 is assigned		HAZARD LEVEL D		V276.78	Kilopascal
	BAYQ01BDV01GA001-WP01CM01	BW 1/2 DSL GEN STTG AIR RECV A	1562	TC_100010 is assigned		HAZARD LEVEL B		3362/P/82	Megapascal
	BAYQ01BDV01GA001-WP01CM02	BW 1/2 DSL GEN STTG AIR RECV B	1562	TC_100010 is assigned		HAZARD LEVEL B		3362/P/82	Megapascal
	BAYQ01BDV01GA002-WP01CM01	BW 3/4 DSL GEN STTG AIR REC A	1562	TC_100010 is assigned		HAZARD LEVEL B		3362/P/82	Megapascal
	BAYQ01BDV01GA002-WP01CM02	BW 3/4 DSL GEN STTG AIR REC B	1562	TC_100010 is assigned		HAZARD LEVEL B		3362/P/83	Megapascal
	BAYQ01ETB01HW001-CM01CM01	BW RW MX STRM A COLCT A AIR RECV	1562	TC_100010 is assigned		HAZARD LEVEL E	Celsius	1149 P92	Megapascal
	BAYQ01ETB01HW001-CM01CM02	BW RW MX STRM A COLCT B AIR RECV	1562	TC_100010 is assigned		HAZARD LEVEL E	Celsius	1149 P92	Megapascal
	BAYQ01ETB01HW002-CM01CM01	BW RW SILO B DST COLCT A AIR RECV	1562	TC_100010 is assigned		HAZARD LEVEL E	Celsius	1149 P92	Megapascal
	BAYQ01ETB01HW002-CM01CM02	BW RW SILO B DST COLCT B AIR RECV	1562	TC_100010 is assigned		HAZARD LEVEL E	Celsius	1149 P92	Megapascal
	BAYQ01ETB01WP006-WP01CM01	BW RW MN SILO INSTR AIR RECV	1562	TC_100010 is assigned	AS1210:1989 Class 3	HAZARD LEVEL B	Celsius	4264 P95	Kilopascal
	BAYQ01ETB01WP006-WP01CM02	BW RW MX STRM SLURRY PMP INSTR AIR REC...	1562	TC_100010 is assigned	AS1210 Class 3	HAZARD LEVEL C	Celsius		Megapascal
	BAYQ01ETB02CM001-HN01CM01	BW RW INTER SILO DST COLCT A AIR RECV	1562	TC_100010 is assigned		HAZARD LEVEL E	Celsius	1149 P92	Kilopascal
	BAYQ01ETB02CM001-HN02CM01	BW RW INTER SILO B DST COLCT AIR RECV	1562	TC_100010 is assigned		HAZARD LEVEL E	Celsius	1149 P92	Kilopascal
	BAYQ01ETB02WP006-WP01CM01	BW RW STC1 AIR SYS INTER SILO AIR RECV	1562	TC_100010 is assigned	AS1210:1989 Class 3	HAZARD LEVEL B	Celsius	4264 P95	Kilopascal

Enterprise Asset Management Part 16

- Cancellation of System Status NCMP "Do Not Execute"

The screenshot shows the SAP EAM Order PM02 420025584. The system status is displayed as CLSD CSER **NCMP** NMAT PRC. The NCMP status is circled in red. Below the status bar, the 'HeaderData' tab is active, showing details for the person responsible (PlannerGrp: M11 / 1562, Mn.wk.ctr: MM01 / 1562) and dates (Bsc start: 21.08.2023, Basic fin: 21.08.2023). The priority is set to 2-Medium.



The screenshot shows the SAP EAM context menu for the order PM02 420025584. The 'Functions' menu is open, and the 'Complete' option is selected. The 'Complete' submenu is also open, showing the 'Cancel Do not execute' option highlighted. The menu options include: Other order, Create (general), Change, Display, Print, Save (Ctrl+S), Functions, Warranty Functions, Exit (Shift+F3), Put in process..., Release, Complete, Generate settlement rule, Determine costs, Redefine delivery address, Accept quotation, Credit limit check, Availability, Lock, Deletion flag, Complete (technically), Cancel technical completion, Complete (business), Cancel business completion, Do not execute, and Cancel Do not execute.

- Task List and Operations Mass Change (IA38)
 - Main data only

[illegible]

Enterprise Asset Management Part 17

- End-of-Use Dates for Functional Locations and Equipment
 - If a Notification or Work Order is given a start date after that date a 'Warning' or 'Error' is given.

Functional loc.: BAYE01EAD01FR001-GQ01FL01 Cat.: P Pressure Equipment

Description: BW CHP STK/RCLM LUBE AIR RECV PRV 1

Status: CRTE INSR REGU

General Location Organization Structure Class

General data

Class: PM_GENERAL GENERAL CLASS

Object Type: VVSFT VALVE SAFETY

AuthorizGroup:

Weight: Size/dimension:

Inventory No.:

Start-up date: 01.01.1985

End-of-Use Date: 27.07.2025

Functional Location	Description of functional location	Start-up date	End-of-Use	Mn.wk.c...	PG	Plnt
BAHM01MEX10CM001	BAH U1 HPU ACCUM	01.01.1900		MF01	KEM	1961
BAHM02MEX10CM001	BAH U2 HPU ACCUM	01.01.1900		MF01	KEM	1961
BAHM03MEX10CM001	BAH U3 HPU ACCUM	01.01.1900		MF01	KEM	1961
BAPM01MEX10CM001	BAP U1 HPU ACCUM	01.01.1900		MF01	KEM	1041
BAPM02MEX10CM001	BAP U2 HPU ACCUM	01.01.1900		MF01	KEM	1041
BAPM03MEX10CM001	BAP U3 HPU ACCUM	01.01.1900		MF01	KEM	1041
BAYE01EAC01GL007-ML01CM01	BW CHP CONV MA2B/3B DRV BRK AIR RECV	01.01.1985		ME02	E02	1562
BAYE01EAC01GL007-ML01FL01	BW CHP CONV MA2B/3B DRV BRK AIR RECV PRV	01.01.1985		ME02	E02	1562
BAYE01EAD01FR001-GQ01CM01	BW CHP STK/RCLM LUBE AIR RECV	01.01.1985		ME01	E01	1562
BAYE01EAD01FR001-GQ01FL01	BW CHP STK/RCLM LUBE AIR RECV PRV 1	01.01.1985	27.07.2025	ME01	E01	1562
BAYE01EAD01FR001-GQ01FL02	BW CHP STK/RCLM LUBE AIR RECV PRV 2	01.01.1985		ME01	E01	1562
BAYE01ECE01GL001-TL01CM01	BW CHP CONV 1A HORIZ AIR RECV	01.01.1985		ME01	E01	1562
BAYE01ECE01GL001-TL01FL01	BW CHP CONV 1A HORIZ AIR RECV PRV	01.01.1985		ME01	E01	1562

(NOTE: Message IW-448 needs to be configured for this to work)

Enterprise Asset Management Part 18

- Search for Components by Material Number in Task Lists with Operations (IA38 & IA39)
- Task Lists containing the Material in their Components will be listed

<  Change Task List with Operation:

Save as Variant... More ▾

Assembly:		to:		
Standard Text Key:		to:		
System Condition:		to:		
Outline Agreement:		to:		
Outline Agreement Item:		to:		

Component Selection

Material: 

Header Data

Usage:		to:		
Plant:	1562 	to:		
Work Center:		to:		
Overall Status:		to:		
Planner Group:		to:		
Maintenance Strategy:		to:		

What is next?

- There seems to be still more updates on horizon
 - Follow on Notifications
 - Non-Stock Materials on Task Lists
 - And more
- This link gives more details
<https://influence.sap.com/sap/ino/#/blog/3008>

The screenshot shows the SAP 'Create PM Notification: Initial Screen' interface. The top navigation bar includes 'PM Notification', 'Edit', 'Goto', 'System', and 'Help'. Below the navigation bar, there is a search bar and a dropdown menu set to 'Notification'. The main area contains the following fields and options:

- *Notification Type:
- Notification:
- Reference section:
 - ☒ Create Reference in Document Flow
 - Notification:
 - ☐ Geometry
 - ☒ Create Follow-On Notification
 - Order:

What do I do now?

- Show your IT People these slides.
- Find out if you have a standalone Sandbox for testing.
- If you don't know what version you are on ask your IT People to show you the Business Function screen. This will show you what is available to be turned on.
- Read a lot. There is some great information about all areas of EAM in SAP Help.

S/4 HANA - https://help.sap.com/docs/SAP_S4HANA_ON-PREMISE/77c07c8d30664260a0b3ff864e6b5e78/a19dce5314894208e10000000a174cb4.html?locale=en-US

ECC 6.0 - https://help.sap.com/docs/SAP_ERP_SPV/930f133a36a843318dc3347afe00a9d6/b5daf75305610114e10000000a174cb4.html?locale=en-US



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