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Americas' SAP Users' Group

5 new out-of-the-box functionalities available for users of SAP Asset Management in SAP S/4 HANA Cloud

Kevin Avila, Senior Manager, Ernst & Young, LLP

Session ID # ASUG82953

About the speaker

Kevin Avila

- Senior Manager, EY
- Nine years of SAP plant maintenance implementations for clients in the food and beverage, manufacturing, mining, oil and gas, and utilities industries.
- I graduate this Friday with my MBA from Rice University!

SAP Certifications

SAP Certified Application Associate – Enterprise Asset Management (Maintenance & Repair) with SAP ERP 6.0 EHP5

SAP Certified Application Associate – Human Capital Management with SAP ERP 6.0 EHP4

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Key outcomes/objectives

1 Understand the difference between SAP S/4 HANA Cloud and SAP S/4 HANA On-Premise

2 Learn how Fiori is changing the way maintenance personnel are using SAP

3 Utilize the customer influence process to help SAP prioritize future development

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Agenda

Start

Mountain Pass Materials at a glance and project overview

Understanding the difference between SAP S/4 HANA Cloud and SAP S/4 HANA On-Premise

Review new Fiori maintenance functionality available for EAM users

Finish

Learn how you can use customer influence to help SAP prioritize future development

Mountain Pass Materials at a glance

MP Materials owns and operates Mountain Pass, the only **Rare Earth mining** and processing site in North America. The mine is located in Mountain Pass, California which is 55 miles south of Las Vegas.

Mountain Pass' bastnaesite ore is one of the world's highest quality Rare Earth deposits. The mine started production in 1952 and from the 1960s through the mid-1980s, it was the dominant source of Rare Earth minerals in the world. More recently, Chinese Rare Earth production has grown to account for 85% of the global supply, and Rare Earth mining and processing stopped in the United States.

Products that use Rare Earth elements

Porsche Mission E

Windmills

Jet engines

False teeth

Speakers
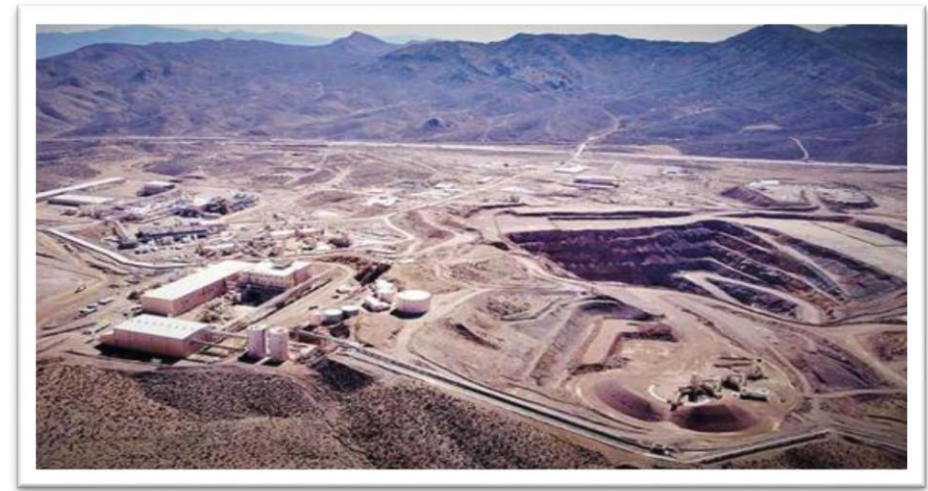
Company background	Implementation	Cloud vs. On-Premise	New EAM functionality in Fiori	Customer Influence

Mountain Pass Materials went live with SAP S/4 HANA Cloud on August 1, 2018

S/4 HANA Cloud vs. S/4 HANA On-Premise

Cloud ERP
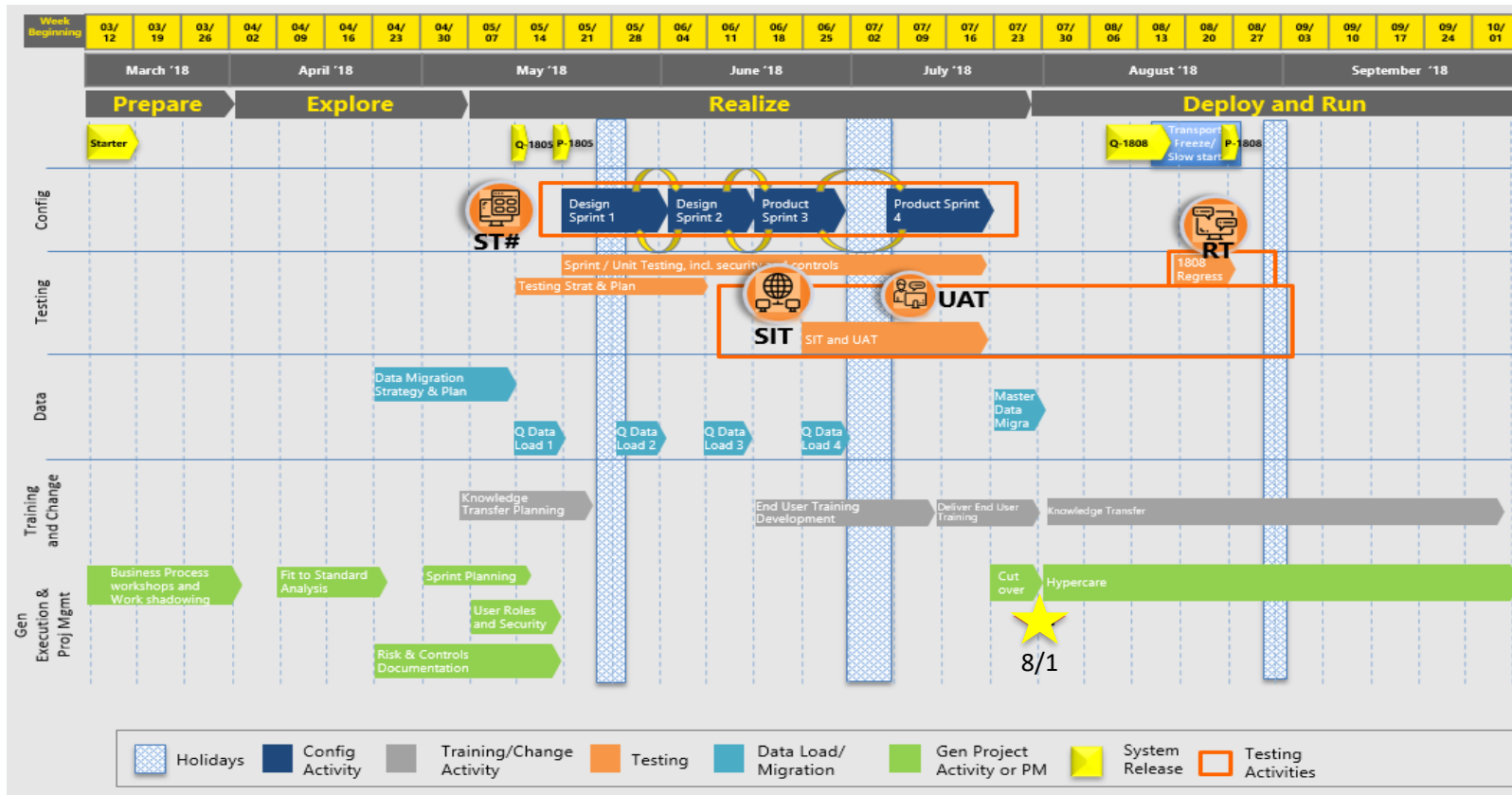
SAP S/4 HANA Cloud

- Predefined configuration
- Quarterly upgrades
- In-depth support for professional services and component manufacturing; more planned in future roadmaps
- Subscription licensing

SAP S/4 HANA Cloud single tenant edition

- On-premise configuration scope
- Two upgrades per year All industries supported
- Subscription licensing
- Dedicated system landscape on Cloud infrastructure

SAP S/4 HANA on-premise

- On-Premise functional scope
- All industries supported
- Customer decides when to upgrade
- All modules supported

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#1 - Maintenance planning overview (1809 release)

- Maintenance planning monitor to view maintenance activities that impact asset reliability and availability

- This dashboard enables planners to:

  - Monitor new maintenance requests

  - Monitor work orders that are still in planning

  - Mass technical competition (TECO) of work orders from the report

  - View overdue work orders, change the person responsible for the order and confirm time against the order

  - View missing materials ordered but not received

  - View purchase requisitions not approved

  - View purchase requisitions not converted to purchase orders
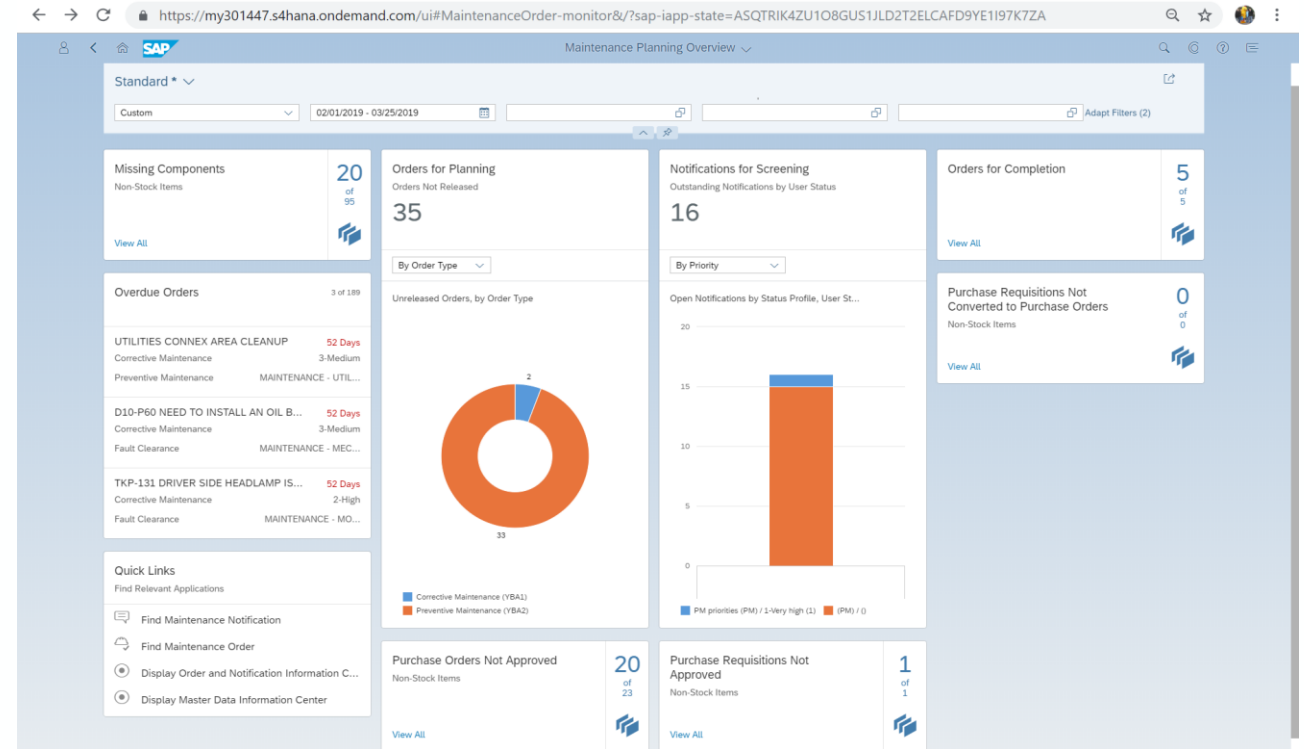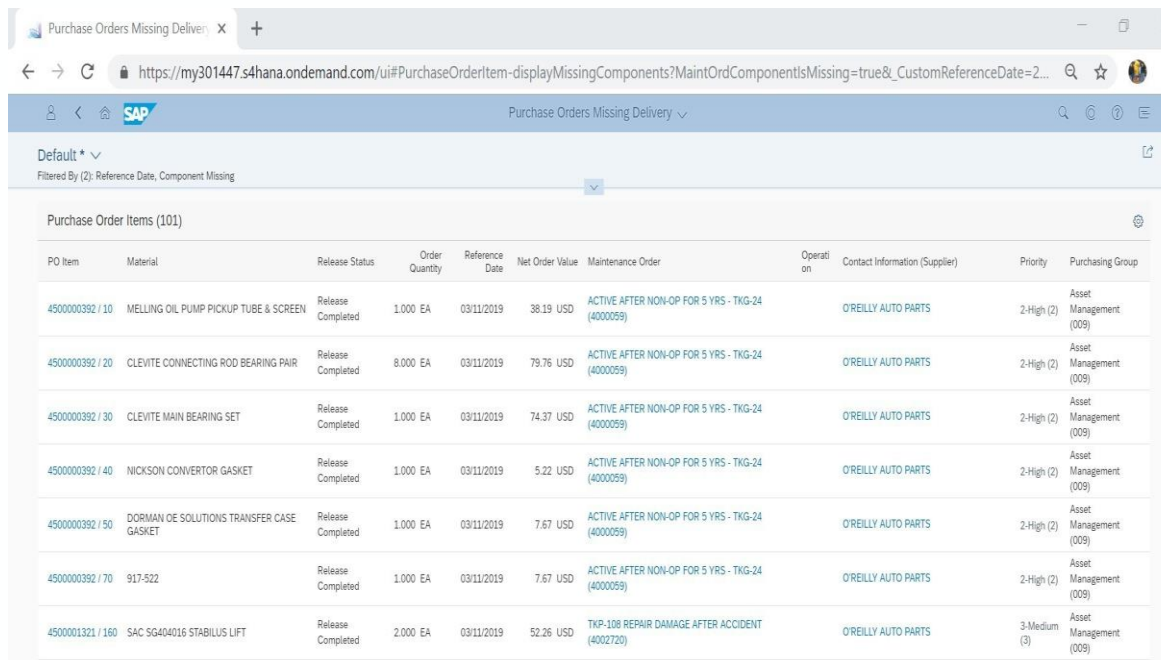
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#1 Maintenance planning overview (1809 release)
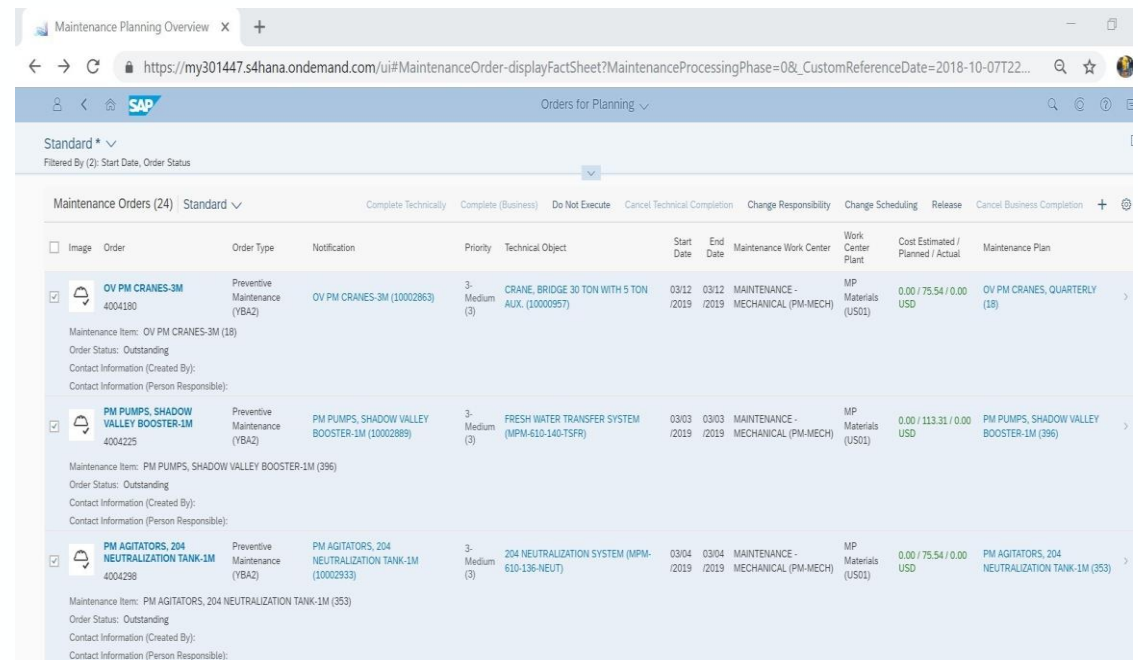
Purchase orders missing delivery

Orders ready for planning

#2 - Actual cost analysis (1811 release)

- Actual maintenance costs can be viewed by each type of equipment.

- This new report will show the total cost of maintenance for each year, the percentage of unplanned versus planned maintenance and the total cost of maintenance for each work order type.
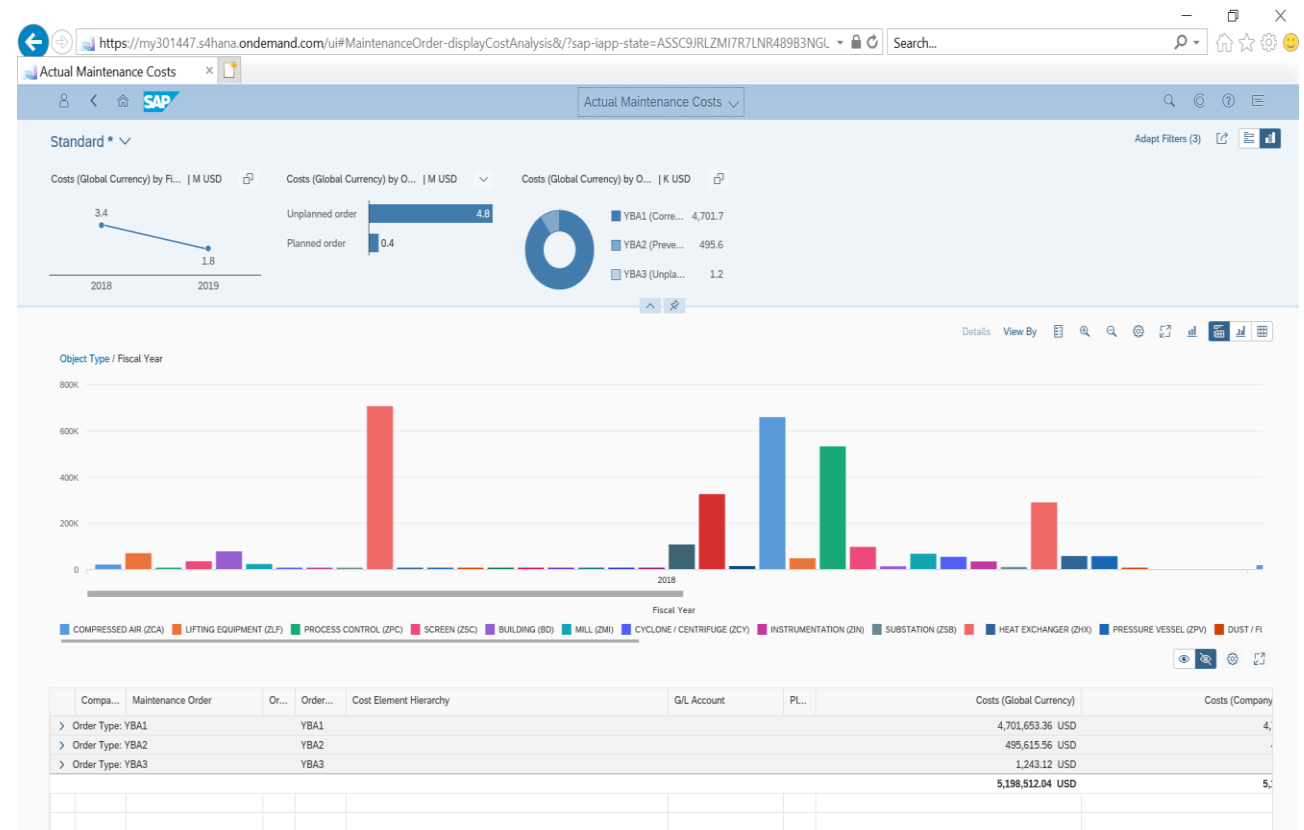
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#2 - Actual cost analysis (1811 release)

- Maintenance cost can then be broken down by equipment type and analysed by the spend category that accounted for each type of cost (internal labor, contractors, internal materials, external materials, etc.)
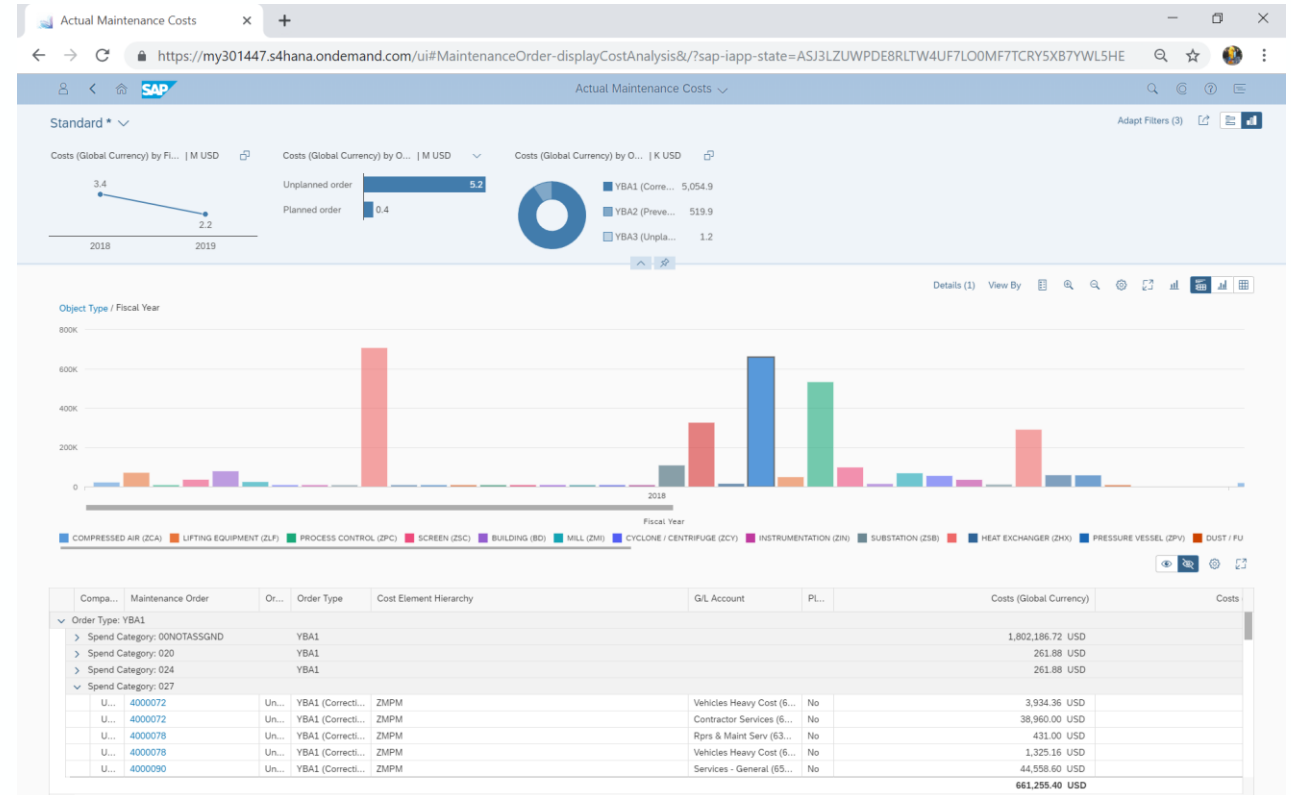
#3 - Mass generation of orders for maintenance notifications (1902 release)

- The SAP Fiori app Find Maintenance Notification allows users to perform mass generation of orders for maintenance notifications.

- The user can generate separate maintenance orders for every notification that is selected or generate one single maintenance order for all selected notifications.

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#3 - Mass generation of orders for maintenance notifications (1902 release)

One of the biggest differences between notifications in S/4 HANA Cloud and S/4 HANA On-Premise is how the notification is converted into a work order. Notifications in S/4 HANA Cloud cannot be converted to work orders inside the individual notification. The Generate Orders button in the Find Maintenance Notifications app must be used for the conversion.

S/4 HANA Cloud Notification

S/4 HANA On-Premise Notification

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#4 - Mass scheduling changes for maintenance notifications or work orders (1902 release)

- The SAP Fiori app Find Maintenance Notification allows users to **mass change notification priorities, required start dates and required end dates**.

- The SAP Fiori app Find Maintenance Order also allows users to make **mass changes to work order priorities, required start dates and required end dates**.

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#4 - Mass scheduling changes for maintenance notifications or work orders (1902 release)

- Both apps change work order and notification data in real-time.

- This new functionality is similar to applying work order revisions or enabling mass work order changes by activating business functions (**LOG_EAM_CI_1**, **LOG_EAM_CI_5**, and **LOG_EAM_CI_7**).

- Mass work order data changes can be made to the header or operation steps in the S/4 HANA Cloud.

- Mass data changes can also be made to notification.

- Since revisions are currently not available in S/4 HANA Cloud, this new mass scheduling functionality enables the same functionality.

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#5 - Inventory turnover analysis (1902 release)

- Inventory turnover can be viewed for a specific time range, material type, material group, storage location, or with one or multiple material numbers.

- Monthly turnover can be viewed for each material.

- This report will also list the most active purchasing suppliers for a material.
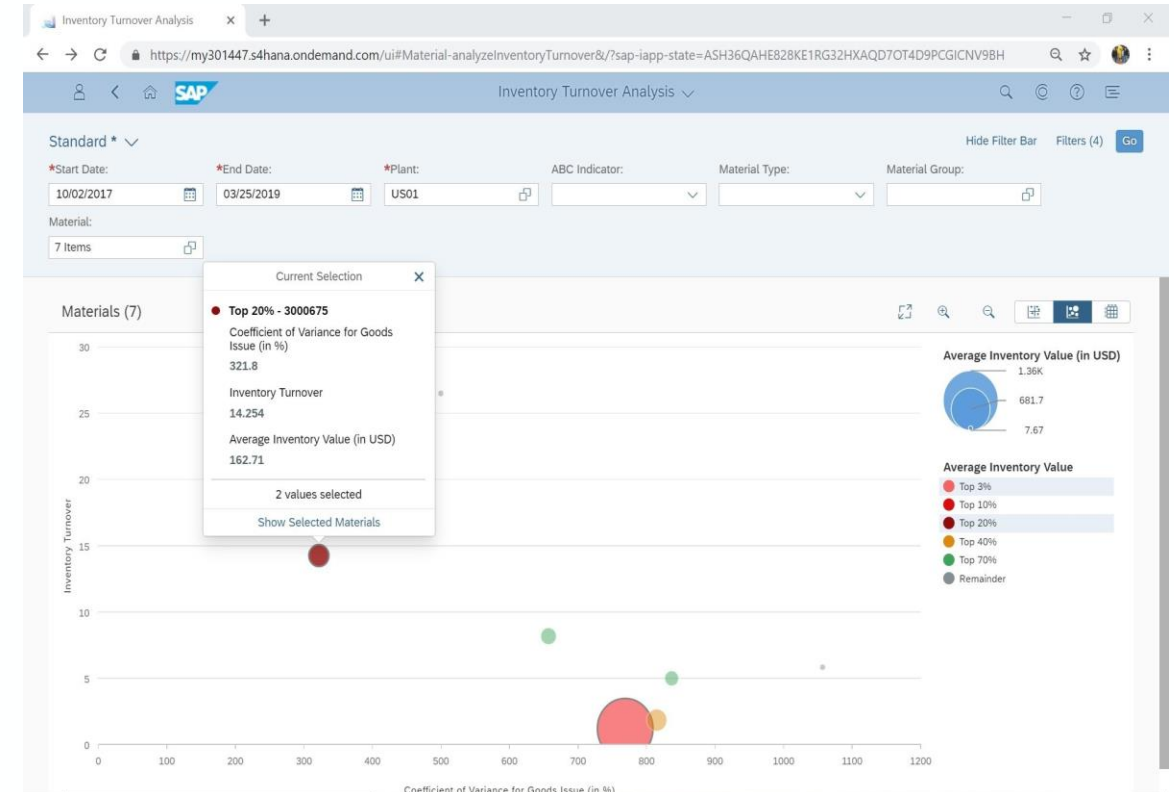
#5 - Inventory turnover analysis (1902 release)

- Selecting a material allows you to view the monthly trends for goods receipts, goods issues and current inventory values. All suppliers for the material can also be viewed with the quantity that has been purchased.
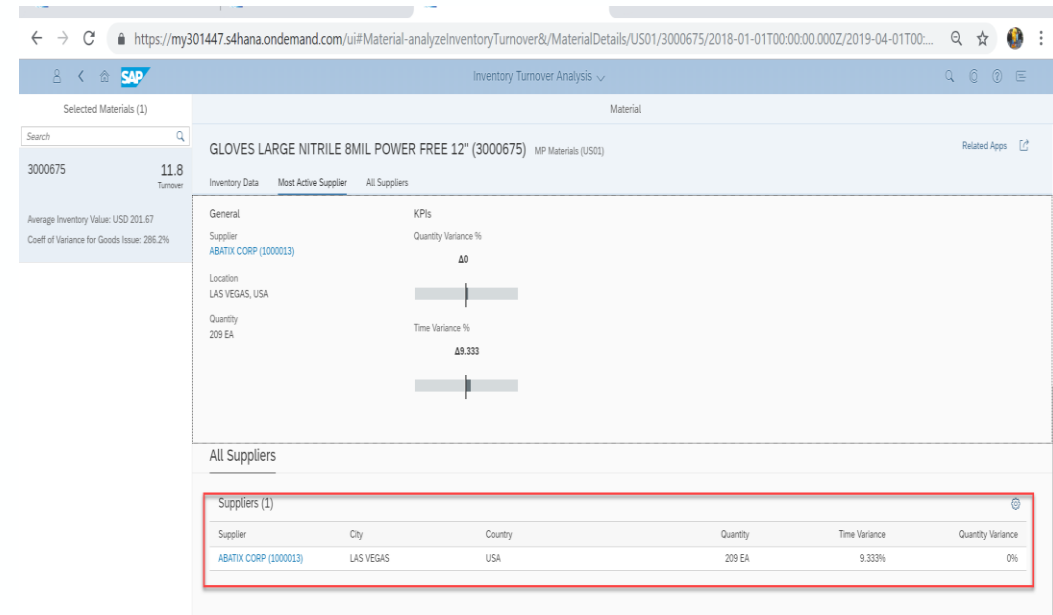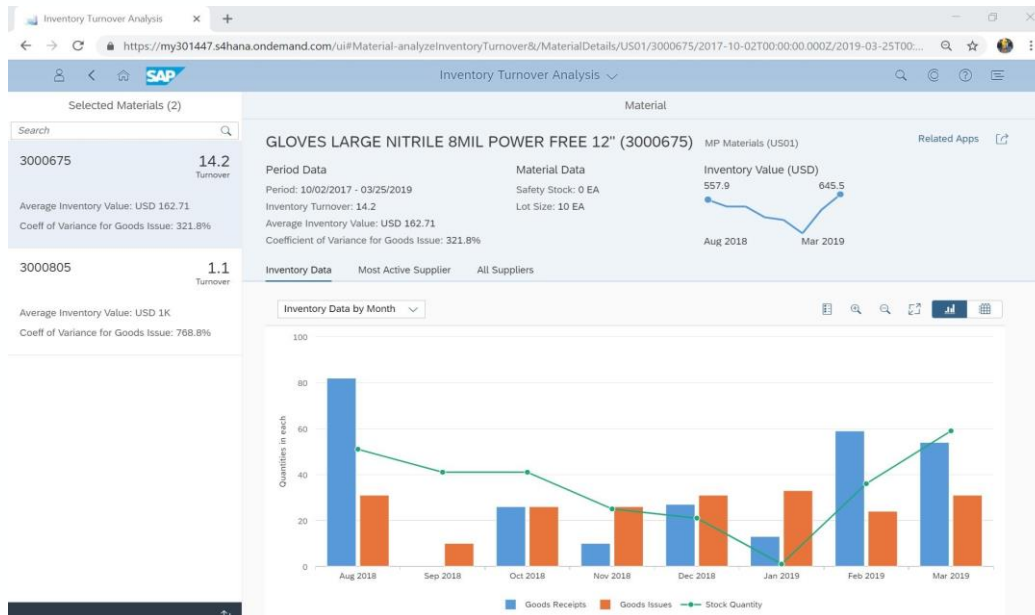
Customer influence site

- https://influence.sap.com/sap/ino/#/campaign/1172
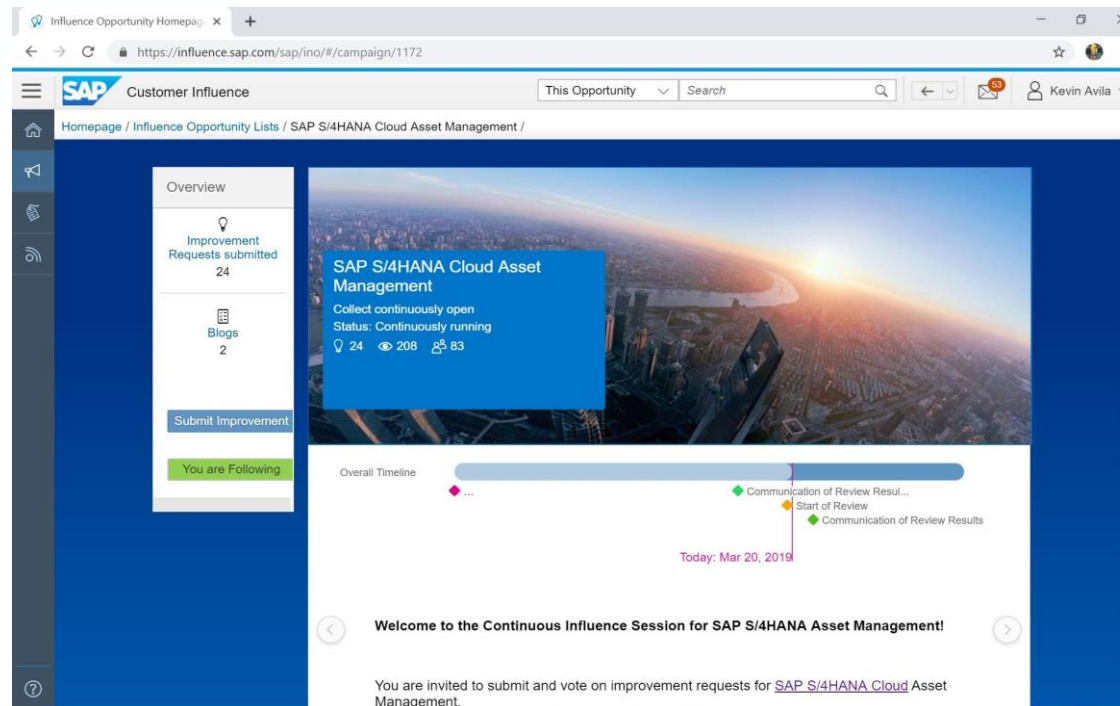
Top Customer Influence topics for S/4 HANA Cloud Asset Management

New mobile app for material cycle counting ⭐ Votes: 10	Add the purchase order text tab in the MRO material master load file Votes: 6	Self-service configuration for task list number range Votes: 5	Self-service configuration to create and assign maintenance activity types Votes: 4	Add additional cost columns (labor, services, and materials) in the manage order list app Votes: 4
Create measurement point and counter load file Votes: 4	New app for creating a reservation outside of a work order Votes: 4	New app to that displays reservations Votes: 4	New app for creating measurement entry lists Votes: 2	New mobile app for entering measurement point results for the measurement entry list Votes: 2

Legend

⭐ In-development

Mobile app request

Desktop app request

| Company background | Implementation | Cloud vs. On-Premise | New EAM functionality in Fiori | Customer Influence |

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Prerequisite to use SAP Customer Influence

In order to use SAP Customer Influence, customers first have to log on to SAP Customer Influence and accept the terms of use and privacy policy.
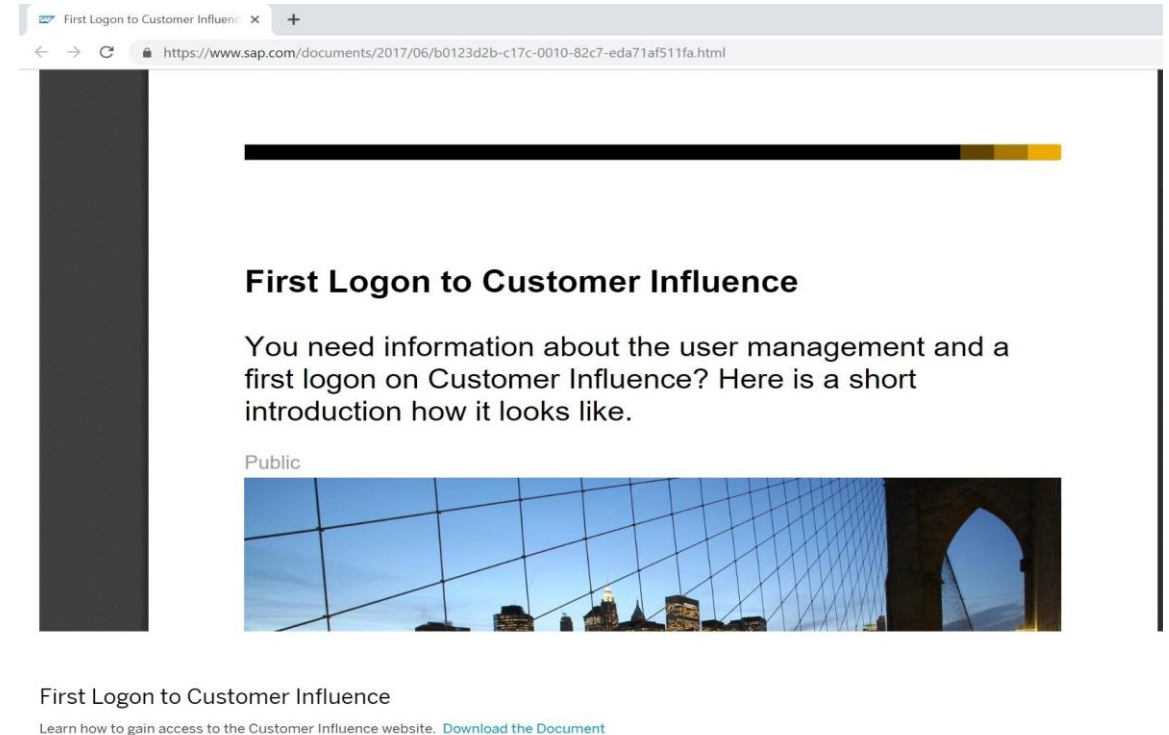
https://influence.sap.com/saps4hanacloud

First Logon to Customer Influence
Learn how to gain access to the Customer Influence website. Download the Document

Company background	Implementation	Cloud vs. On-Premise	New EAM functionality in Fiori	Customer Influence

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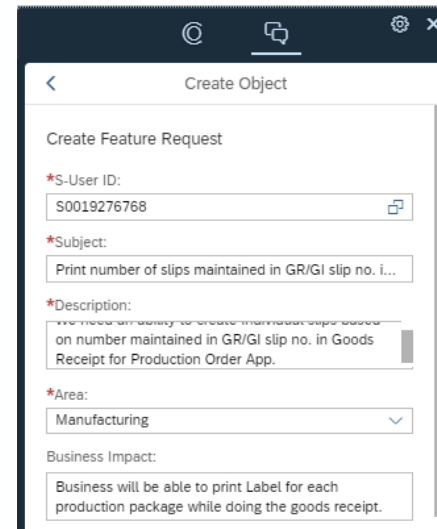# Steps to submit improvement request to SAP Customer Influence

1. Assign business role **BR_APPL_SUPPORT_ENGINEER** to enable feature request to submit an idea (this step is performed in the identify and access management app in Fiori).

2. Click on the CoPilot icon at the top right of your screen to open SAP CoPilot.

3. Create a new chat.

    New Chat

4. Create a new object.
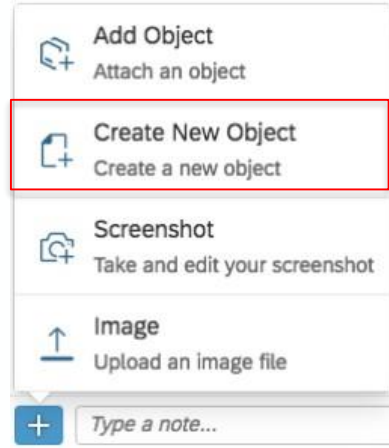
Note: The Customer Influence site is using SAP Cloud Identity as identity and authentication management.

Add Object
Attach an object

Create New Object
Create a new object

Screenshot
Take and edit your screenshot

Image
Upload an image file

Type a note...

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Steps to submit improvement request to SAP Customer Influence

5.   Choose Feature Request Quick Create.

6.   Complete the form.

Support Information

Feature Request

Support Incident

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Steps to submit improvement request to SAP Customer Influence

7. Select Create to submit the improvement request to SAP Customer Influence.

8. Click on the overview card.

9. Click the improvement request ID under SAP Customer Influence Site to access the newly created request on SAP Customer Influence.

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Presentation material

Access the slides from 2019 ASUG Annual Conference here:
http://info.asug.com/2019-ac-slides

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Q&A

For questions after this session, contact me at kevin.avila@ey.com.

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