

Knowledge Base Article

Product Group: Software

Product: CMSW 7302 & 7303 - @ptitude Work Notification & SAP Add-On

Version: @A 2010, 2012 Edition

Abstract

This article outlines the capabilities and limitations of SKF @ptitude Analyst Work Notification and SAP modules.

Overview

CMSW 7302 (Work Notification add-on) adds the following functionality to SKF @ptitude Analyst.

- Ability to specify a user-defined list of Priorities, Work Types, Problems and Corrective Actions
- Ability to specify an external CMMS ID in either the Machine Name or the Machine's Asset Name
- Ability to create Work Notifications (WN) that include:
 - Name of person submitting WN
 - Date of Creation
 - (Optional) Repair by Date
 - External CMMS ID
 - Priority (selected from a user-defined list)
 - Work Type (ex: Emergency Repair; Safety Inspection; Route Maintenance) (selected from a user-defined list)
 - Short Problem Description (selected from a user-defined list)
 - Extended free form Problem Description
 - Short suggested Corrective Action (selected from a user-defined list)
 - Extended free form Corrected Action
- Ability to manage WN, including editing and approving

- Ability to configure a MARLIN and Microlog Inspector with the capability to create Work Notifications "in the field" (requires MARLIN v4.1 or later, and Microlog Inspector v1.1 or later)
- Ability to specify purging of older WN by number or date

CMSW 7303 (SAP Interface) adds the following functionality to SKF @ptitude Analyst (features in **blue** require @A 2012 edition):

- Ability to specify WN are to be approved by an administrator or sent automatically to SAP
- Ability to specify SAP connection parameters
- Ability to connect to SAP through DCOM (SAP 4.7) **or dot Net Connection (SAP 7/ECC 6)**
- **Ability to specify SAP Work Notification Type (defaults to "M1")**
- Once submitted, ability to display SAP's Work Notification ID or display issues with the submitted WN (Functional Location not valid, Repair by date earlier than submit date, etc..)

Limitations

- SKF's default Work Notification is limited to the fields displayed in the create Work Notification function (see above).
- SAP is extremely customizable. When a user changes the Work Notification Type from "M1" to a custom Work Notification Type, it cannot be assumed that @ptitude Analyst will know and send any additional fields required. In that case, a custom engineering project will be required.
- The Submit Work Notification (to SAP) function ends with the submittal of the WN and the receipt of the Work Notification ID from SAP. Currently, status updates must be tracked in SAP. Neither @ptitude Analyst nor the Microlog Inspector units have access to the progressive status of the Work Notification, as it becomes a Work Order and is closed.

- The @ptitude Analyst SAP Interface for Work Notifications adds the ability to submit Work Notifications to SAP. It is not a SAP interface, therefore it will not:
 - Form a bi-directional connection to SAP, creating an @ptitude Analyst hierarchy from the SAP asset registry and then syncing any changes in @A to SAP or any changes in SAP to @A
 - Create @ptitude Analyst ROUTEs from SAP task lists
 - Download SAP task lists to the Microlog Inspector
 - Close WO associated with @ptitude Analyst ROUTEs
 - Submit overall measurement to SAP's Measurement Locations (although that is available through SAP's OPC interface, @ptitude Analyst OPC Client, and through a customer-purchased OPC Server
 - Have the ability to view Work Notification status in SAP from the Microlog Inspector wirelessly while standing in front of the asset
 - Have the ability to close work orders in the field by specifying man hours and replacement parts used.

For further assistance, please contact the Technical Support Group by phone at 1-800-523-7514 option 8, or by email at tsg-america@skf.com.