Incorporation of Performance Points into Customer Reporting

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- If the customer desires to incorporate a specific Performance Graph / Report into their reporting structure
    - RSI will provide a draft SAP Report Specification as shown in the following slides
    - Work with the Customer SAP Report Developer to complete the design and testing procedures.
    - Estimate of cost will be provided at that time.
        - Report Designs have widely varying complexities

Reliability Solutions, Inc.

SAP Report Specification Summary

Requestor's Name	Art Vandelay
Report Key User Role(s)	Maintenance Technician Maintenance Planner Maintenance Supervisor Maintenance Manager Production Supervisor
Request Date	7/22/2020
Requested by Date	10/1/2020
Report Name for Custom Reports or Queries	Overdue Preventive Orders
Report Short Description	This report lists the Preventive Orders Planned Date of the Maintenance Plan / Item versus todays date.
Business Decisions to be Guided by this Report	This report will allow schedulers to view the Preventive Maintenance Orders that are coming due (or overdue) in order to priortize scheduling these orders.
Standard SAP Reports that are close to desired Report Functionality	Standard Report does not exist in SAP. Planned Date does not presently exist in IW39 for Maintenance Plan driven Work Orders.
Is Drilldown Capability Needed – If so, list the drilldown path needed.	None Required, Standard ALV Spreadsheet Format
Display (Layout) Variant Creation and Change Allowed?	Yes
Navigation Capability Required? (click on Object to access Object Screen in Display Mode)	Not Required

To submit an SAP Custom Report request, this information should be completed by the Requestor. The Report Tools Evaluated should be completed by the IT Team as part of the Functional Spec prior to design.

Reporting Tools Evaluated	Report Type	New Transaction	Program	InfoSet	Infoset User Group	Query	Query Default Selection Variant
	SAP Query	ZPM_OVERDUE_PM	ZPM_ODPM	ZPM_OD_PM	PM_User_Group	ZPM_OD_PM	OD_PM
	Transaction Variant						
	Report Painter						
	Report Writer						
	Business Warehouse						
	ABAP Coded Report / Program						

SAP Report Specification Field Design

The Field Design specification should be initially completed by the Requestor as far as possible. Identifying the fields needed for Selection and Display, as well as Calculated Fields needed.

The IT Team should complete this form data as part of the Design Specification.

Item	Report Field	Selection	Selection Label	Display	Display Label	Type	Data From				
						SAP Field Listing					
1	Main Work Center			X	Main Work Center	SAP Field	Order				
2	Order			X	Order	SAP Field	Order				
3	Order Short Text			X	Order Short Text	SAP Field	Order	Te			
4	Maint Plant	X	Maint Plant	X	Maint Plant	SAP Field	Order				
5	Cost Center			X	Cost Center	SAP Field	Order				
6	Room			X	Room	SAP Field	Order				
7	Functional Location			X	Functional Location	SAP Field	Order				
8	Functional Location Short Text			X	FL Text	SAP Field	Functional Location	Text Exists in FLEVN		Included in Query Capture	
9	Plant Section			X	Plant Section	SAP Field	Order	VIAUFKS	BEBER		
10	Order Type			X	Order Type	SAP Field	Order	VIAUFKS	AUART		
11	Maintenance Activity Type	X	Maintenance Activity Type	X	Maintenance Activity Type	SAP Field	Order	VIAUFKS	ILART		
12	Maintenance Activity Type Short Text			X	MAT Text	SAP Field	Maintenance Activity Type	Text Exists in ILART		Included in Query Capture	
13	Priority			X	Priority	SAP Field	Order	VIAUFKS	APRIO		
14	System Status			X	System Status	SAP Field	Order	VIAUFKS	ASTNR		
15	Maintenance Plan	X	Maintenance Plan	X	Maintenance Plan	SAP Field	Order	VIAUFKS	WARPL		
16	Maintenance Plan Text			X	Maintenance Plan Text	SAP Field	Maintenance Plan	Text Exists in WARPL		Included in Query Capture	
17	Maintenance Item			X	Maintenance Item	SAP Field	Order	VIAUFKS	WAPOS		
18	Maintenance Item Text			X	Maintenance Item Text	SAP Field	Maintenance Item	Text Exists in WAPOS			
19	Basic Start Date			X	Basic Start Date	SAP Field	Order	VIAUFKS	GSTRP		
20	Cycle			X	Cycle	SAP Field	Maintenance Plan Package	MHIS	OFFZE	CY	
21	Revision			X	Revision	SAP Field	Order	VIAUFKS	REVNR		
22	Planning Plant			X	Planning Plant	SAP Field	Order	VIAUFKS	IWERK		
23	Plant for Work Center			X	Plant for Work Center	SAP Field	Order	VIAUFKS			
24	Planned Date	X	Planned (Due) Date	X	Planned (Due) Date	SAP Field	Maintenance Plan	MHIS	NPLDA	PD	
25	Maintenance Package			X	Maint Pkg	SAP Field	Maintenance Plan	MHIS	ZAEHL		
26	Last Completion	X	Last PM Completion	X	Last PM Completion	SAP Field	Maintenance Plan	MHIS	LRMDT		
27	Sort Field			X	MPlan Sort Field	SAP Field	Order	VIAUFKS	EQFNR		
						Query Calculation Field Listing					
1	Days Delinquent			X	Days Delinquent	Local Field			DAYSDELQ	Today - Delinquent Date	
2	Delinquent Date			X	Delinquent Date	Local Field			PDELQDATE	Planned Date + Planned Date Tolerance	
3	Early Start Date			X	Early Start Date	Local Field			EARLYSTART	Planned Date - Planned Date Tolerance	
4	Planned Date Tolerance			X	Planned Date Tolerance	Local Field			PDTOL	See Chart Below	
5	Order Executed			X	Order Executed	Local Field			ORDEXEC	TECO Date or CNF Date > 0	
6	Confirmed but not TECO			X	Confirmed but not TECO	Local Field			CNFNOTTECO	TECO Date >1, CNF Date < 1	
7	Days left to Delinquency			X	Days left to Delinquency	Local Field			DAYSLEFT	Delinquent Date - Today	
8	Cycle in Days			X	Cycle in Days	Local Field			CYD	Cycle / (60*60*24)	

SAP Report Specification Table Link Design

The IT Team should display and test the Table relationships (In this case for Queries) to ensure that the Report will function as designed.