



Milliarum App: PS Cost Evaluation

About Milliarum

- We focus our consulting and development on system solutions for SAP Project Management since the company was founded in 2006
- Our solutions are based on the SAP® Project System and SAP®-EPPM
- We're specialized on project management, product development, make-to-order-production and resource management processes
- The objective of our solutions are efficient, cost-effective and therefore competitive business processes for our customers
- With the Milliarum Cockpit (MC) and its content packages as well as the Milliarum Apps, we have standardized software products that "close" the "gaps" in the SAP standard software for project management processes.

Milliarum-Apps Overview

- Standardized UI5 or Web Dynpro apps "for quick use"
- "Modern" and simple user interface
- Can be used immediately thanks to the preconfigured delivery state
- Access via Fiori launchpad/SAP Business Client/URL
- Runs from PPM 6.1/ERP EHP8 and SAP_UI 7.54 and for all S/4HANA releases
- Delivery as transport
- Language versions: German and English
- License model with maintenance/support (17% annually)
- Customized expandability
- User interface adaptation within the SAP infrastructure (SAPUI5 flexibility, Web Dynpro configuration)
- Marketing/sales via Milliarum website (apps area)
- Ticket system for customer reports through Mantis

Apps for PS Cost Evaluation

Features

- Display of research (hierarchy) reports for SAP-PS in a modern Fiori interface
- Customizing to support customer-specific research reports
- Delivery of over 40 SAP standard report
- Jump to line-item reports and Project Builder
- Display of object-related additional data such as dates

Requirements

- Fiori Launchpad
- Customizing of drilldown reports in SAP PS (project system)

Advantages

- Intuitive user interface for SAP research reports
- Evaluation of all project-related cost and financial data

Range of functions: 42 Apps

| App-Instanz | Beschreibung |
|--------------------------------|--|
| /MILUM/PSAEDDB_AI_10KEF1A_OBJ | PS EIS-Report Costs/Revenues/Expenditures/Receipts OBJNR |
| /MILUM/PSAEDDB_AI_11ERL1A_OBJ | PS EIS-Report Planned Contribution Margin OBJNR |
| /MILUM/PSAEDDB_AI_11ERL1B_OBJ | PS EIS-Report Actual Contribution Margin OBJNR |
| /MILUM/PSAEDDB_AI_11ERL1C_OBJ | PS EIS-Report Plan/Actual/Variance OBJNR |
| /MILUM/PSAEDDB_AI_11ERL1D_OBJ | PS EIS-Report Quotation/Order/Plan/Actual OBJNR |
| /MILUM/PSAEDDB_AI_11ERL1E_OBJ | PS EIS-Report Project Results OBJNR |
| /MILUM/PSAEDDB_AI_11ERL1F_OBJ | PS EIS-Report Incoming Orders/Balance OBJNR |
| /MILUM/PSAEDDB_AI_11ERL1_OBJ | PS EIS-Report Structure OBJNR |
| /MILUM/PSAEDDB_AI_12CTC1_OBJ | PS EIS-Report Forecast OBJNR |
| /MILUM/PSAEDDB_AI_12EVA1_OBJ | PS EIS-Report Progress Analysis OBJNR |
| /MILUM/PSAEDDB_AI_12EVA2_OBJ | PS EIS-Report Progress Analysis: Detail OBJNR |
| /MILUM/PSAEDDB_AI_12KST1A_OBJ | PS EIS-Report Budget/Actual/Commitmt/Rem.Plan/Assigned OBJNR |
| /MILUM/PSAEDDB_AI_12KST1B_OBJ | PS EIS-Report Budget/Actual/Variance OBJNR |
| /MILUM/PSAEDDB_AI_12KST1C_OBJ | PS EIS-Report Plan/Actual/Commitment/Rem.Plan/Assigned OBJNR |
| /MILUM/PSAEDDB_AI_12KST1D_OBJ | PS EIS-Report Plan/Actual/Variance OBJNR |
| /MILUM/PSAEDDB_AI_12KST1E_OBJ | PS EIS-Report Plan/Actual/Down Payment as Expense OBJNR |
| /MILUM/PSAEDDB_AI_12KST1F_OBJ | PS EIS-Report Commitment Detail OBJNR |
| /MILUM/PSAEDDB_AI_12KST1G_OBJ | EIS-Rep. Plan1/Plan2/Ist/Obligo |
| /MILUM/PSAEDDB_AI_12KST1H_OBJ | PS EIS-Report Actual in COArea/Object/Trans. Currency OBJNR |
| /MILUM/PSAEDDB_AI_12KST1I_OBJ | PS EIS-Report Project Version Comparison: Actual/Plan OBJNR |
| /MILUM/PSAEDDB_AI_12KST1J_OBJ | PS EIS-Report Project Version Comparison: Plan OBJNR |
| /MILUM/PSAEDDB_AI_12KST1K_OBJ | PS EIS-Report Actual/Plan/Cur. Target/Cur. Total Costs OBJNR |
| /MILUM/PSAEDDB_AI_12KST1L_OBJ | PS EIS-Report Project Interest: Plan/Actual OBJNR |
| /MILUM/PSAEDDB_AI_12KST1_OBJ | PS EIS-Report Structure OBJNR |
| /MILUM/PSAEDDB_AI_12TFP1_OBJ | PS EIS-Report Transfer Prices: Service Recipient OBJNR |
| /MILUM/PSAEDDB_AI_12TFP2_OBJ | PS EIS-Report Transfer Prices: Service Provider OBJNR |
| /MILUM/PSAEDDB_AI_13BUD1A_OBJ | PS EIS-Report Budget/Distributed/Plan/Distributed OBJNR |
| /MILUM/PSAEDDB_AI_13BUD1B_OBJ | PS EIS-Report Availability Control OBJNR |
| /MILUM/PSAEDDB_AI_13BUD1C_OBJ | PS EIS-Report Costs: Budget Update With Carryover OBJNR |
| /MILUM/PSAEDDB_AI_13BUDAKT_OBJ | PS EIS-Report Budget Updates OBJNR |
| /MILUM/PSAEDDB_AI_21ERL2_OBJ | PS EIS-Report Annual Overview OBJNR |
| /MILUM/PSAEDDB_AI_22KST2_OBJ | PS EIS-Report Funds Overview OBJNR |
| /MILUM/PSAEDDB_AI_31CASH_OBJ | PS EIS-Report Receipts/Expenditures in Fiscal Year OBJNR |
| /MILUM/PSAEDDB_AI_31FIMA_OBJ | PS EIS-Report Expenditures: All Fiscal Years OBJNR |
| /MILUM/PSAEDDB_AI_31FIMB_OBJ | PS EIS-Report Receipts: All Fiscal Years OBJNR |
| /MILUM/PSAEDDB_AI_31FIM_OBJ | PS EIS-Report Receipts/Expenditures: All Fiscal Years OBJNR |
| /MILUM/PSAEDDB_AI_3CST1_OBJ | PS EIS-Report Act. Costs Per Month,Current Fiscal Year OBJNR |
| /MILUM/PSAEDDB_AI_3CST2_OBJ | PS EIS-Report Plan Costs Per Month,Current Fiscal Year OBJNR |
| /MILUM/PSAEDDB_AI_3CST3_OBJ | PS EIS-Report Commitment per Month, Current FY OBJNR |
| /MILUM/PSAEDDB_AI_3CST4_OBJ | PS EIS-Report Cumulated Actual Costs OBJNR |
| /MILUM/PSAEDDB_AI_3CST5_OBJ | PS EIS-Report Actual/Planned Time Series OBJNR |
| /MILUM/PSAEDDB_AI_3CST6_OBJ | PS EIS-Report Actual/Plan/Variences Proj.+ Responsible OBJNR |

Fiori Launchpad: 42 Apps

| | | | | | | | | | |
|---|--|--|--|--|---|---|---|---|---|
| PS Hierarchy Report Receipts/Expenditur... | PS Hierarchy Report Budget Updates | PS Hierarchy Report Budget/Distributed/P... | PS Hierarchy Report Project Interest: Plan... | PS Hierarchy Report Incoming Orders/Bal... | PS Hierarchy Report Costs/Revenues/Exp... | PS Hierarchy Report Planned Contributio... | PS Hierarchy Report Actual/Planned Time... | PS Hierarchy Report Plan Costs Per Mont... | PS Hierarchy Report Expenditures: All Fis... |
| PS Hierarchy Report Commitment Detail | PS Hierarchy Report Cumulated Actual C... | PS Hierarchy Report Forecast | PS Hierarchy Report Transfer Prices: Serv... | PS Hierarchy Report Annual Overview | PS Hierarchy Report Plan/Actual/Variance | PS Hierarchy Report Funds Overview | PS Hierarchy Report Plan/Actual/Down Pa... | PS Hierarchy Report Structure | PS Hierarchy Report Act. Costs Per Mont... |
| PS Hierarchy Report Budget/Actual/Com... | PS Hierarchy Report Costs: Budget Updat... | PS Hierarchy Report Budget/Actual/Varian... | PS Hierarchy Report Project Version Com... | PS Hierarchy Report Receipts: All Fiscal Y... | PS Hierarchy Report Plan/Actual/Variance | PS Hierarchy Report Commitment per Mo... | PS Hierarchy Report Receipts/Expenditur... | PS Hierarchy Report Project Results | PS Hierarchy Report Actual Contribution ... |
| PS Hierarchy Report Quotation/Order/Pla... | PS Hierarchy Report Progress Analysis: D... | PS Hierarchy Report Actual/Plan/Variance... | PS Hierarchy Report Actual in COArea/Ob... | PS Hierarchy Report Availability Control | PS Hierarchy Report Actual/Plan/Cur. Targ... | PS Hierarchy Report Plan 1/Plan 2/Actual/... | PS Hierarchy Report Transfer Prices: Serv... | PS Hierarchy Report Structure | PS Hierarchy Report Project Version Com... |
| PS Hierarchy Report Progress Analysis | PS Hierarchy Report Plan/Actual/Commit... | | | | | | | | |

App for Multiproject Report 12KST1C: Plan/Actual/Commitment/Rem.Plan/Assigned OBJNR

Selection of one or multiple projects

Selections by filterbar

SAP

All Search

Save as Tile

T.0001

CO Area: * Project def.: WBS Element: Valuation: * Plan version: *

0001 (0001) 13 Items 0 000

Go Hide Filter Bar Clear Filters (4)

Dynamic column display depending on report layout

T.0001

Expand to level 0 +

| Object | System status | Plan - Overall Values | Actual - Overall Values | Commitment - Overall Values | RemOrdPlan - Overall Values | Assigned - Overall Values | Available - Overall Values | Plan - Previous years | Actual - Previous years | Commitment - Previous years | RemOrdPlan - Previous years |
|-------------------------------------|---------------|-----------------------|-------------------------|-----------------------------|-----------------------------|---------------------------|----------------------------|-----------------------|-------------------------|-----------------------------|-----------------------------|
| > PRJ T-0001 "Test 1 Maschinenbau" | REL | 330.001,00 | 82.500,00 | 10.001,00 | 1,00 | 92.502,00 | 237.499,00 | 273.999,00 | 20.000,00 | 0,00 | 0,00 |
| > PRJ T-0002 "Test 2" | REL | 1.002,00 | 7.300,00 | 1,00 | 201,00 | 7.502,00 | -6.500,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| > PRJ T-0003 "Test 3" | PREL | 8.502,00 | 7.000,00 | 1,00 | 1.501,00 | 8.502,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| > PRJ T-0004 "Test f. 17.03" | PREL | 5.002,00 | 1.000,00 | 1,00 | 1,00 | 1.002,00 | 4.000,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| > PRJ T-0005 "Webcast 05.05" | PREL | 5.002,00 | 7.000,00 | 1,00 | 1,00 | 7.002,00 | -2.000,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| > PRJ T-0007 "SWE Testprojekt 1 AC" | CRTD | 2,00 | 0,00 | 1,00 | 1,00 | 2,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| > PRJ T-0008 "WebCast 23.06" | PREL | 5.002,00 | 3.000,00 | 1,00 | 2.001,00 | 5.002,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| > PRJ T-0009 "Test 11.09" | PREL | 5.002,00 | 1.500,00 | 1,00 | 3.501,00 | 5.002,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| > PRJ T-0010 "WebCast 15.09" | PREL | 5.002,00 | 1.000,00 | 1,00 | 4.001,00 | 5.002,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| > PRJ T-0011 "Test 11" | CRTD | 2,00 | 0,00 | 1,00 | 1,00 | 2,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| > PRJ T-0013 "Test SWE Logistik In" | REL | 5.004,00 | 5.500,00 | 2,00 | 502,00 | 6.004,00 | -1.000,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| > PRJ T-0099 "Test" | CRTD | 2,00 | 0,00 | 1,00 | 1,00 | 2,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |

Selected projects

App for Singleproject Report 12KST1C: Plan/Actual/Commitment/Rem.Plan/Assigned OBJNR

Selection variant with selected project

Show and hide filter bar

Hierarchy of project

Show and hide columns

The screenshot displays the SAP Singleproject Report 12KST1C interface. At the top, there is a navigation bar with the SAP logo and the report title. Below this, a selection variant is shown with fields for CO Area (0001 (0001)), Project def. (T-0001), Valuation (0), and Plan version (000). A 'Go' button and 'Hide Filter Bar' option are visible. The main area contains a table with columns for Object, System status, and various financial values. The table is expanded to show a hierarchy of project objects, including 'PRJ T-0001 "Test 1 Maschinenbau"' and its sub-objects like 'WBS T-0001 "Projekt"' and 'WBS T-0001-01 "Konstruktion"'. A 'Spalten' (Columns) dialog box is open on the right, showing a list of columns with checkboxes to show or hide them. The dialog includes a search bar and a list of columns such as 'Plan - Gesamt', 'Ist - Gesamt', 'Obbligo - Gesamt', etc., with checkboxes for each.

| Object | System status | Plan - Overall Values | Actual - Overall Values | Commitment - Overall Values | RemOrdPlan - Overall Values | Assigned - Overall Values | Available - Overall Values | Plan - Previous years | Actual - Previous years | Commitment - Previous years | RemOrdPlan - Previous years |
|---|---------------|-----------------------|-------------------------|-----------------------------|-----------------------------|---------------------------|----------------------------|-----------------------|-------------------------|-----------------------------|-----------------------------|
| PRJ T-0001 "Test 1 Maschinenbau" | REL | 330.001,00 | 82.500,00 | 10.001,00 | 1,00 | 92.502,00 | 237.499,00 | 273.999,00 | 20.000,00 | 0,00 | 0,00 |
| WBS T-0001 "Projekt" | REL BUDG | 330.001,00 | 82.500,00 | 10.001,00 | 1,00 | 92.502,00 | 237.499,00 | 273.999,00 | 20.000,00 | 0,00 | 0,00 |
| WBS T-0001-01 "Konstruktion" | REL DDLK BUDG | 270.002,00 | 8.500,00 | 10.001,00 | 1,00 | 18.502,00 | 251.500,00 | 260.000,00 | 0,00 | 0,00 | 0,00 |
| WBS T-0001-01-01 "Konstruktion elek." | REL | 160.002,00 | 1.000,00 | 10.001,00 | 1,00 | 11.002,00 | 149.000,00 | 150.000,00 | 0,00 | 0,00 | 0,00 |
| NWA 4000300 0010 "Konstruktion" | | 2,00 | 0,00 | 1,00 | 0,00 | 1,00 | 1,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| NWA 4000300 0020 "externe Konstruktion" | | 10.000,00 | 0,00 | 10.000,00 | 0,00 | 10.000,00 | 0,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| WBS T-0001-01-02 "Konstruktion mech." | REL | 110.000,00 | 7.500,00 | 0,00 | 0,00 | 7.500,00 | 102.500,00 | 110.000,00 | 0,00 | 0,00 | 0,00 |
| WBS T-0001-02 "Projektleitung" | REL BUDG | 0,00 | 33.000,00 | 0,00 | 0,00 | 33.000,00 | -33.000,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| WBS T-0001-03 "Produktion" | REL BUDG | 0,00 | 13.000,00 | 0,00 | 0,00 | 13.000,00 | -13.000,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| NWA 4000301 0020 "Fertigung" | | 0,00 | 1.000,00 | 0,00 | 0,00 | 1.000,00 | -1.000,00 | 0,00 | 0,00 | 0,00 | 0,00 |
| WBS T-0001-04 "Montage" | REL BUDG | 45.000,00 | 28.000,00 | 0,00 | 0,00 | 28.000,00 | 17.000,00 | 45.000,00 | 0,00 | 0,00 | 0,00 |

Jump possibilities within PS Cost Evaluation

T.0001*

- Object
- PRJ T-0001 "Test 1 Maschinenbau"
- WBS T-0001 "Projekt"
- WBS T-0001-01 "Konstruktion"
- WBS T-0001-01-01 "Konstruktion elek."
- NWA 4000300 0010 "Konstruktion"

- Project Builder
- Line Item Report
- Cost Element Report: Actual/Comm./Total/Plan

SAP Project Builder: Display network 4000300

Menu | Display <-> change | Project planning board | Network graphic | Services for Object

Identification and view selection

Project Structure: Description | Identification

- Projekt 4000300
- Konstruktion 4000300 0010
- externe Konstruktion 4000300 0020

Activity: 4000300 0010 Konstruktion

Detail: [Icon]

Overview(s): [Icon]

Internal | Extnl | Dates | Assignments | Long Text | User fields | Qualification | Person assignment | Additional data

General data

System Status: REL SETC [Icon]

WBS Element: T-0001-01-01

Work Center: Z001 / 0001

Calculation key: Maintain manually

Activity Type: [Icon]

Priority: [Icon]

Usage: [Icon]

Control Key: PS01 Subntwk exists Project Sum.

DistKeyCapRqInt: [Icon]

Number: 0 Percent: 0

Execution Fact: 0

Business Proces: [Icon]

Std Text Key: [Icon]

1. Project Builder CJ20N

3. Report Actual/Comm./Total/Plan

Variation: Object

- WBS T-0001-01-01 Konstruktion elek. (Cum.)
- WBS T-0001-01-01 Konstruktion elek.
- NWA 4000300 0010 Konstruktion
- NWA 4000300 0020 externe Konstruktion

Ist/Obl./Summe/Plan As of: 15.06.2023

Object: WBS T-0001-01-01

Name of Person Resp.:

From Fiscal Year: 1900 To Fiscal Year:

From Period: 1 To Period: 12

| Alle Kostenarten | Ist | Obligo | Summe | Plan |
|------------------------------------|----------|-----------|-----------|------------|
| 400000 Consumption, raw material 1 | 1.000,00 | | 1.000,00 | 50.000,00 |
| 415000 External procurement costs | | | | 100.000,00 |
| 417000 Purchased services | | 10.000,00 | 10.000,00 | 10.000,00 |
| 890000 Inventory Change | | 1,00 | 1,00 | 2,00 |
| * * | 1.000,00 | 10.001,00 | 11.001,00 | 160.002,00 |

IRIETZ 15.06.2023

2. Line item report

Layout: 1SAP Doc.date/object/cost element/value

Object: PRJ T-0001 Test 1 Maschinenbau

Cost Element: 400000 To 800000 Consumptn, raw mat.1...

Posting Date: 01.01.1999 To 30.06.2023

| Doc. Date | OTy | Object | Cost Elem. | z | Val/COArea CrCY | CO crCY | z | Value TranCurr | TCurr |
|------------|-----|--------------|------------|---|-----------------|---------|---|----------------|-------|
| 13.02.2017 | JA | 4000301 0020 | 640100 | | 1.000,00 | EUR | | 1.000,00 | EUR |
| | | 4000301 0020 | | * | 1.000,00 | EUR | * | 1.000,00 | EUR |
| 14.04.2023 | WBS | T-0001 | 800000 | | 100.000,00- | EUR | | 100.000,00- | EUR |
| | | T-0001 | | * | 100.000,00- | EUR | * | 100.000,00- | EUR |

Customizing App/Report I:

Report settings

The screenshot shows the SAP Fiori 'Change View Application Instance: Details' interface. The title bar includes the SAP logo and the text 'Change View "Application Instance": Details'. Below the title bar is a navigation menu with a dropdown and buttons for 'New Entries', 'Copy As...', 'Delete', 'Undo Change', 'Previous Entry', 'Next Entry', and 'Other Entry...'. The main content area is titled 'Application Instance' and contains several input fields: 'App. Inst. Type:' with the value '/MILUM/PSAEDDB_AI_12KST1C_OBJ', 'Database prof.:' with '000000000001', 'Report:' with '12KST1C', 'Description:', 'Field Name Nav.:' with 'OBJNR', and 'Attribut Set Id:' with 'PROD_EDD_REP'. A 'Dialog Structure' sidebar on the left lists 'Application Instance' and its sub-items: 'Navigation Targets', 'UI Navigation Target Assignments', 'Navigation parameter cloning', and 'ABAP-classes Selection Variables'. Three callout boxes point to specific fields: 'App-Instance' points to the 'App. Inst. Type' field, 'Mapping PS Database Profile' points to the 'Database prof.' field, and 'Mapping Drilldown Report' points to the 'Report' field.

Customizing App/Report II: Navigation to other reports and applications

App-Instance

App. Inst. Type: /MILUM/PSAEDDB_AI_12KST1C_OBJ

| | Navigation Target Id | Nav. Target Description | ActionType |
|--------------------------|--------------------------------|--|---------------------------|
| <input type="checkbox"/> | PROJECT_ACTUAL_COST_LINE_ITEMS | Line Item Report | Intent-based Navigation ▾ |
| <input type="checkbox"/> | PROJECT_OBJECT_SHOW | Project Builder | Intent-based Navigation ▾ |
| <input type="checkbox"/> | TR_RW_REP_87013542 | Cost Element Report: Actual/Comm./Total/Plan | Intent-based Navigation ▾ |

Assignment of Services

Price scale

| Edition | Content | Extension | Developer license | Price scale |
|-------------------------|--|---|-------------------|---|
| Standard | 42 apps for the SAP standard reports | SAP-standard-extension | 0 | 5.000€: up to 25 user 10.000€: 26 – 50 user 15.000€: 51 – 150 user 20.000€: 151-350 user 25.000€: 351-750 user |
| Professional | 42 apps for the SAP standard reports | SAP-standard-extension and customer-specific apps based on Milliarum UI5-infrastructure | 1 | 10.000€ : bis 25 user (5.000€ user license + 5.000€ developer licence*, each additional developer license 5000€) 15.000€ 26 – 50 user 20.000€ 51 – 150 user 25.000€ 151 - 350 user 30.000€ 351-750 user |
| Premium | All apps + customer-specific adjustments | SAP-standard-extension and customer-specific apps based on Milliarum UI5-infrastructure | 1 | On request |
| Maintenance and Support | | | | 17% annual |

* Cross-app license, also applies to further app purchases





We will be happy to answer your questions! Check out our license calculator at www.milliarum.de under *Apps* or send us your request by mail to info@milliarum.com including following details:

- Favored edition
- Number of user and developer licenses
- SAP release and SAP UI version used

You will then receive a software contract from us including maintenance and support. After the signed contract has been returned and payment has been received, the software will be delivered by transport.



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