



# **Commondo ePPM Suite integration**

**SAP – Microsoft Project, February 2024**

# Commodo®

We are a global software engineering company for implementing software and managing integration projects. In our office in Zagreb, Croatia we employ experts with extended knowledge and experience in **the SAP ecosystem**.

We provide consultancy services as well as our developed solutions in the area of the enterprise portfolio and project management using standard SAP® solutions: the **SAP Enterprise Portfolio and Project Management** package, the SAP Commercial Project Management application, the project system module from SAP, the SAP Analytics Cloud solution, and SAP Business Technology Platform.

As a **strategic partner for integrating SAP software** (SAP project system, SAP plant maintenance, SAP Project and portfolio management, SAP commercial project management with external systems like Microsoft Project, Primavera P6, JIRA, and Redmine) we provide performance both on-premise SAP software integration and cloud platform integration using **Commodo ePPM Suite**.



Find more details about Commodo integration solutions and download your free demo package of Commodo® ePPM Suite in

[SAP API Business Hub](#)

[Oracle Primavera ↔ SAP](#)  
[Jira ↔ SAP](#)

Find our product in:

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# **Commondo ePPM architecture**

# Commodo ePPM Suite



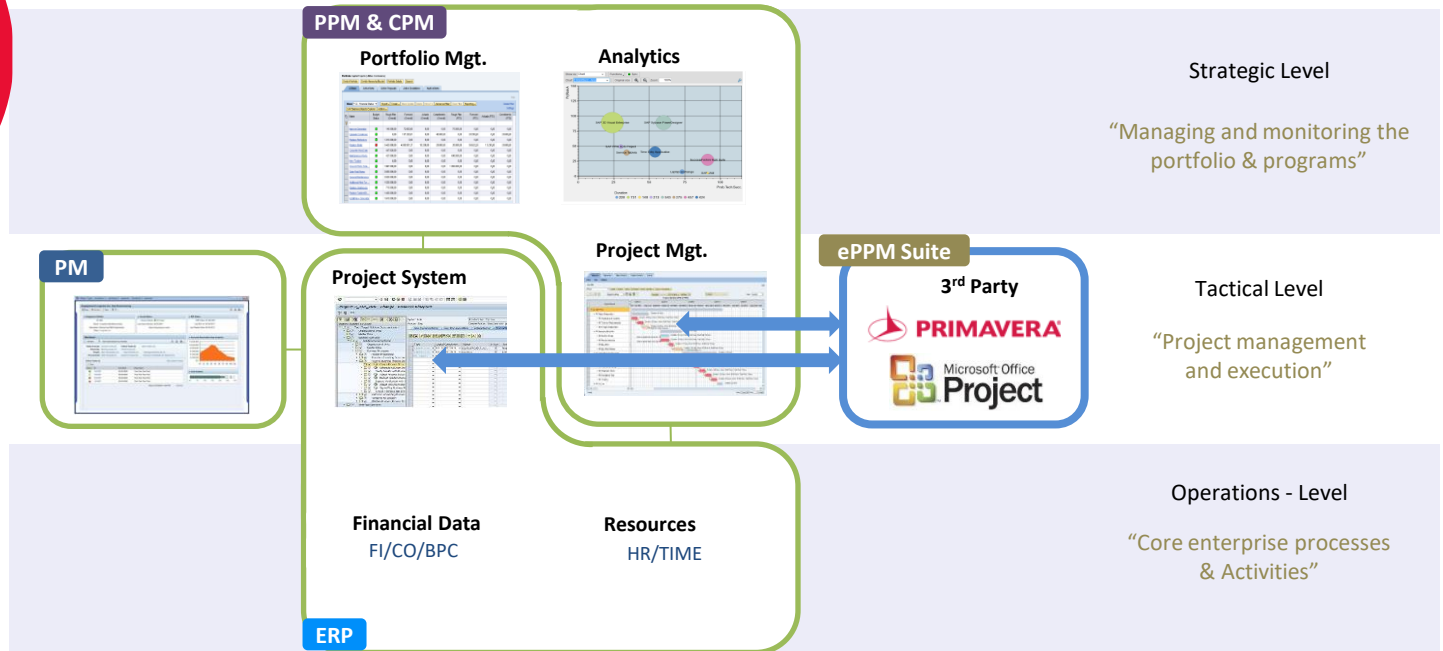
Integration platform for connection between SAP and external portfolio and project systems

Audit Logging  
Flow Orchestration

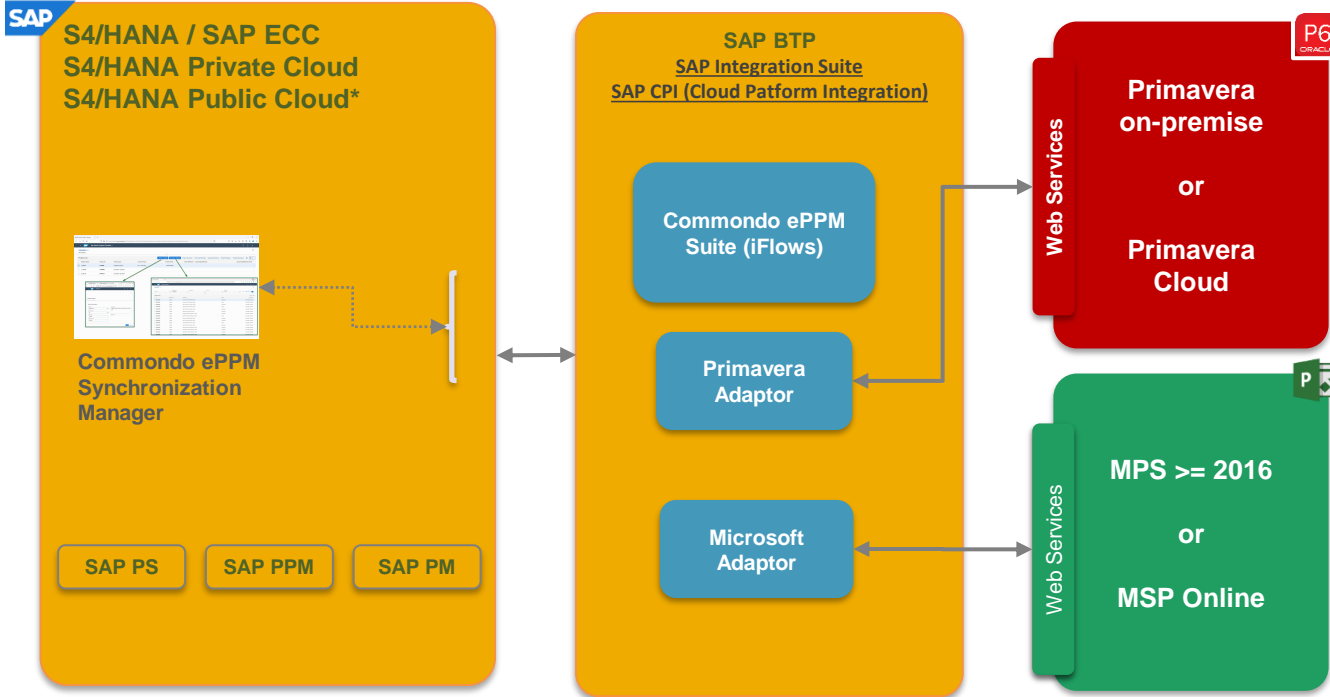
**Commodo  
ePPM Suite**

Transform  
Business Rules

ePPM Suite



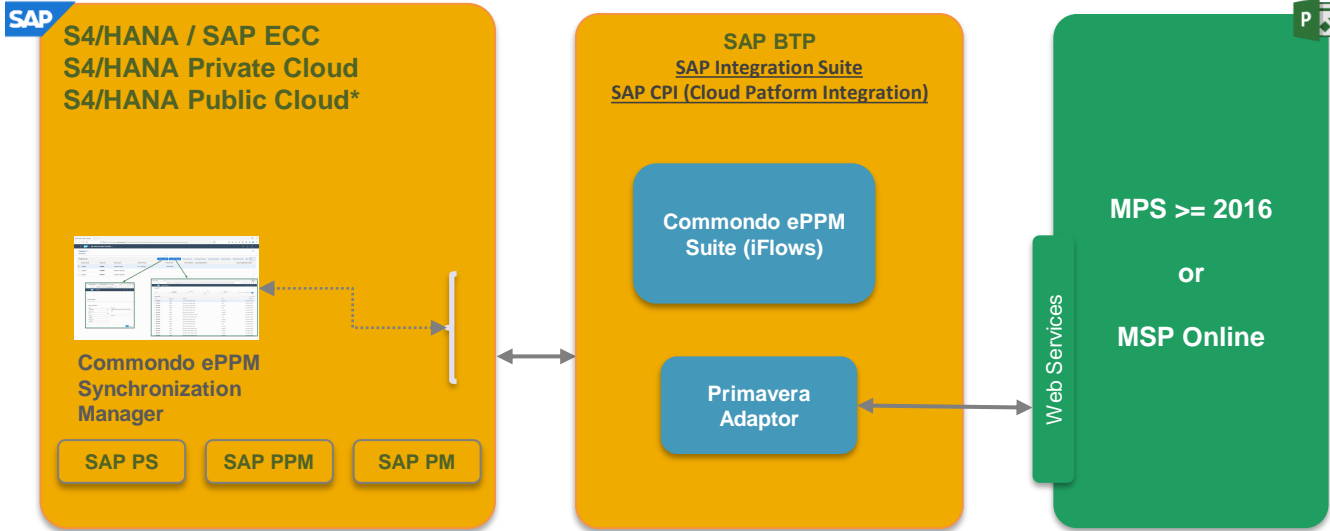
# Solution Architecture



- Commando standard flows**
- Master data sync (resources)
  - SAP PS ⇔ Primavera
  - Primavera ⇔ SAP PS
  - SAP PS/PM orders ⇔ Primavera
  - Primavera ⇔ SAP PS/PM orders
  - SAP PM ⇔ Primavera
  - Primavera ⇔ SAP PM
  - SAP PS ⇔ Microsoft
  - Microsoft ⇔ SAP PS
  - SAP PS /PM orders ⇔ Microsoft
  - Microsoft ⇔ SAP PS/PM orders
  - SAP PM ⇔ Microsoft
  - Microsoft ⇔ SAP PM
  - NEW** SAP CPM ⇔ Microsoft
  - Microsoft ⇔ SAP CPM

SAP BTP= Business Technology Platform  
 \* Some standard flows are SAP S4/HANA Public cloud ready

# Microsoft Package



SAP BTP= Business Technology Platform

\* Some standard flows are SAP S4/HANA PCE ready

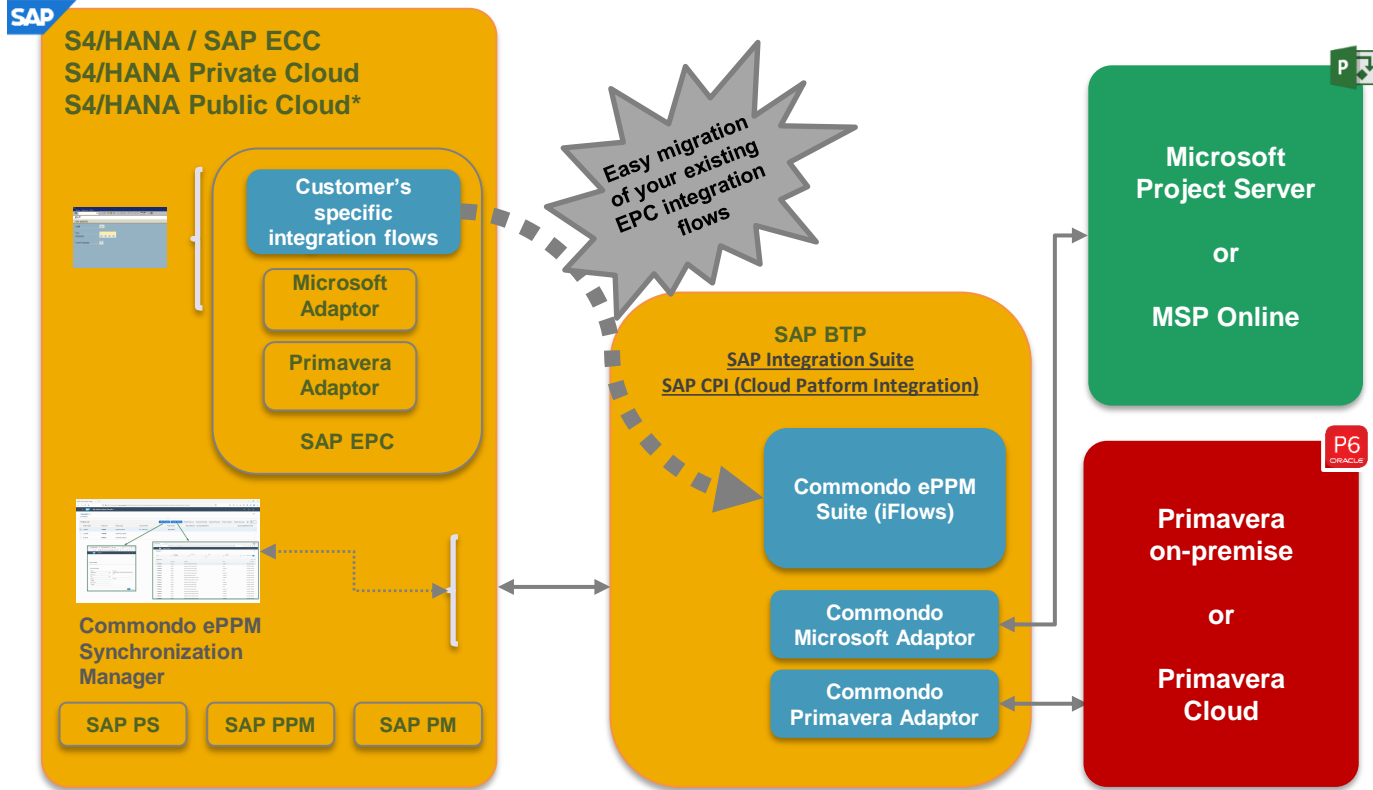
## Microsoft PACKAGE

setup services ● master data sync (resources) ● 2 standard flows ● ePPM Synchronization manager (Fiori) ● Microsoft adaptor ● unlimited number of users ● one production SAP, one Microsoft system ● 3rd level support 8x5

## Optional services

Migration services ● Implementation of custom integration flows ● Premium and 7x24 support

# EPC Migration Package



**Advantages**

- keep your EPC investments
- no process changes
- no change for SAP and Primavera users
- low migration costs
- very low involvement of customer's resources

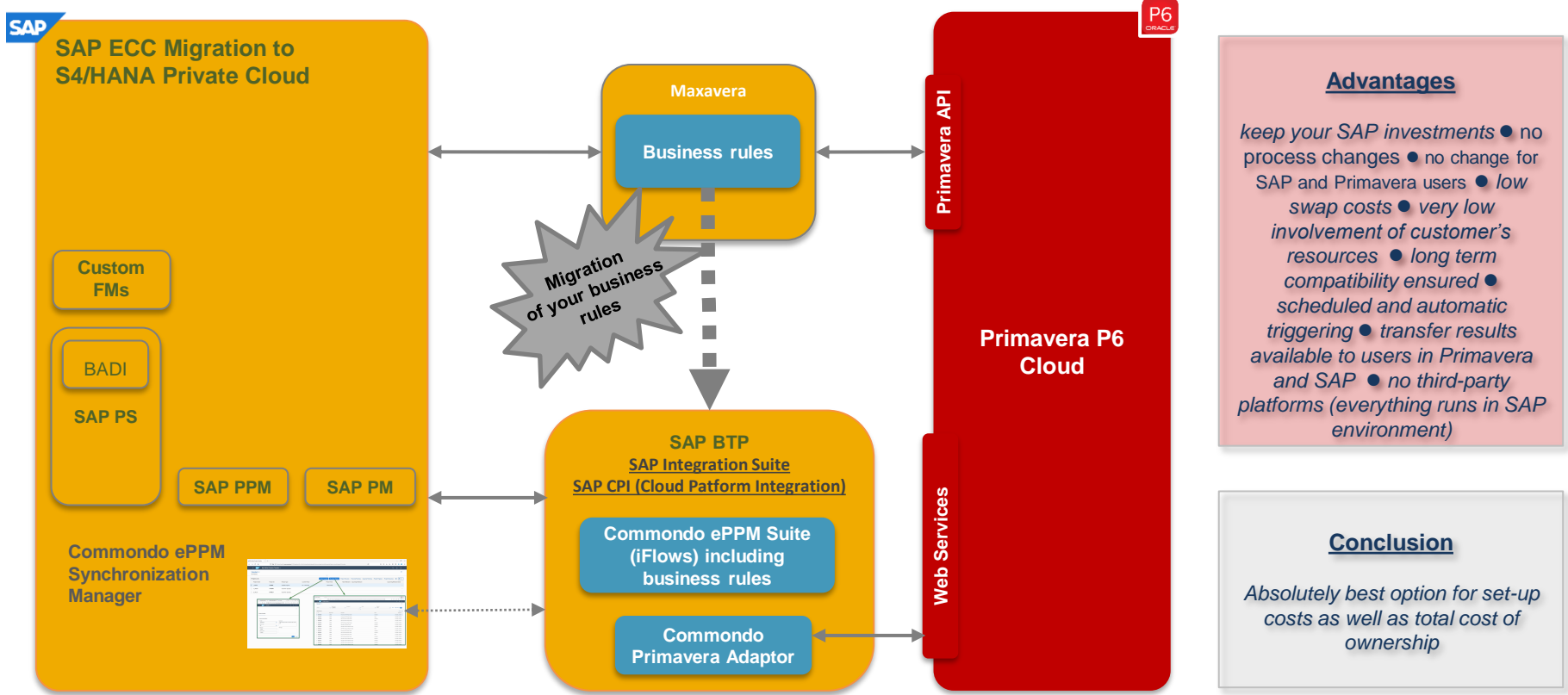
**Conclusion**

Absolutely best option for existing EPC customers

[See more in SAP Blog](#)

SAP BTP= Business Technology Platform  
\* Some standard flows are SAP S4/HANA Public cloud ready

# Swap (example Maxavera)



SAP BTP= Business Technology Platform

## Advantages

keep your SAP investments ● no process changes ● no change for SAP and Primavera users ● low swap costs ● very low involvement of customer's resources ● long term compatibility ensured ● scheduled and automatic triggering ● transfer results available to users in Primavera and SAP ● no third-party platforms (everything runs in SAP environment)

## Conclusion

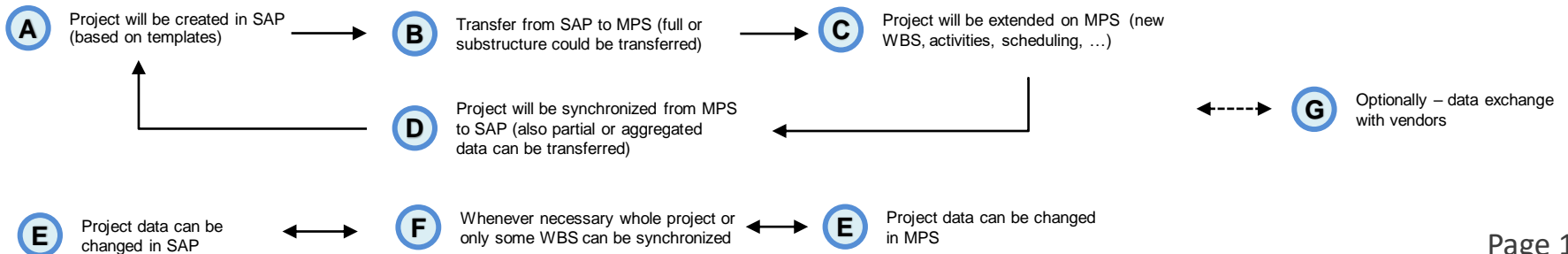
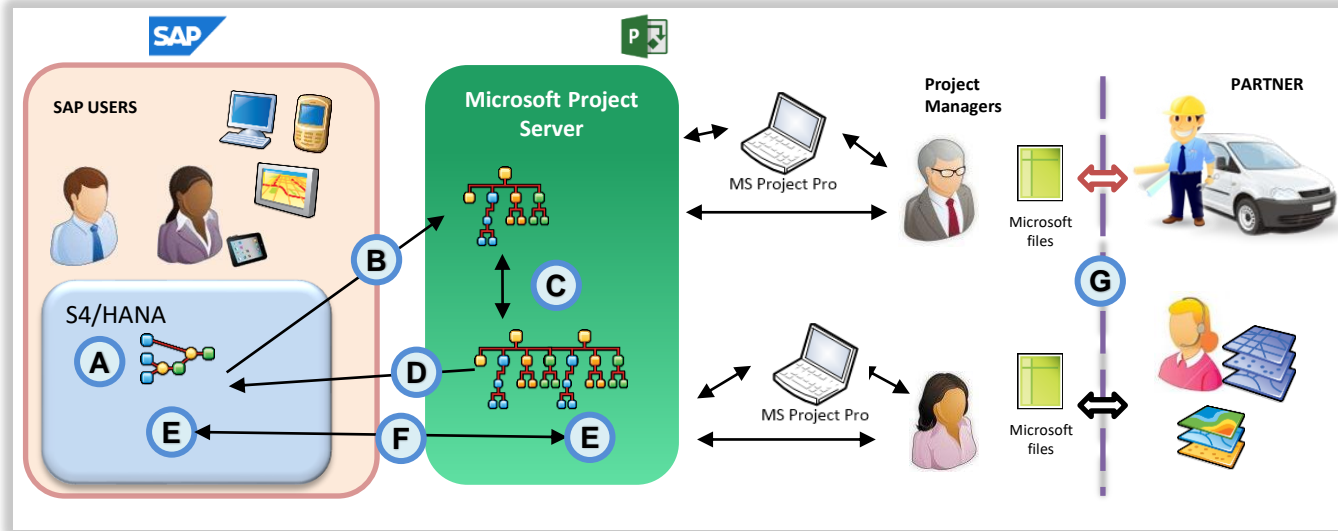
Absolutely best option for set-up costs as well as total cost of ownership

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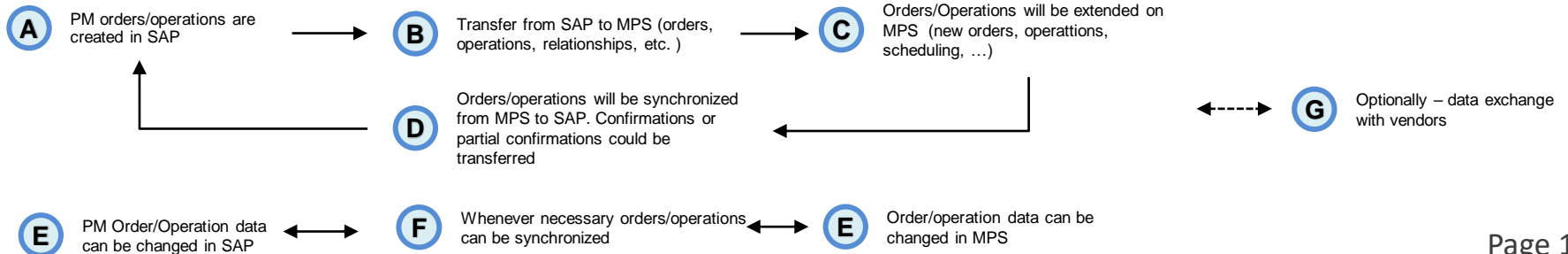
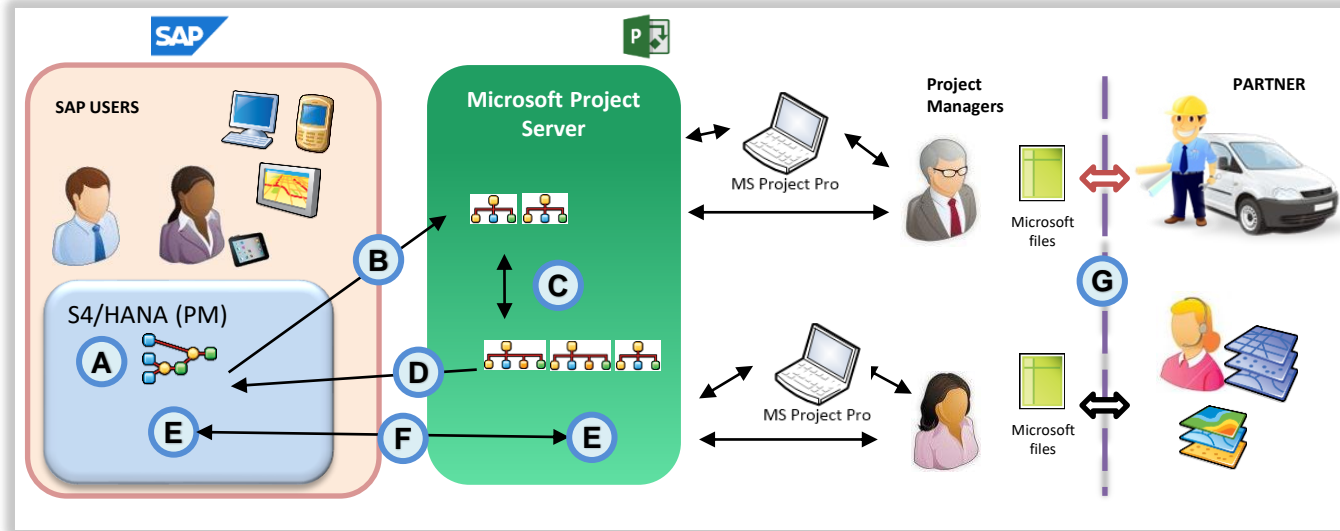
# Commondo ePPM Suite

Integration scenarios

# SAP PS ↔ MPS standard flows



# SAP PM ↔ MPS standard flows



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# **Commondo ePPM Suite**

**Synchronization Manager (Fiori applications)**

# Manual triggered PS transfer

My Active Projects Transfer

Standard

Not Filtered

Projects (3)

Project Name	Project ID	Project Type	Current Phase	Phase Finish	Main Milestone	Upcoming Milestone
L_00002	I-00002	Capital Projects	P1 - Planning	18.03.2020		
T_00206	T-00206	Customer projects				
E_00117	E-00117	Customer projects				

+ New Transfer   Transfer History

**Transfer mechanism:**

- automatic in background
- batched (selected project transferred e.g. over the night)
- manual triggered

Project Transfers

Transfer

Create Transfer

General Information

I/FLow: SAPP5toP6

Object Type: PS

Object ID: I.00002

Object Name: I\_00002

Comment: SAP PS Project transfer to Primavera PS via SAP CPI

Message:

Save   Cancel

Project Transfers

Standard

Search: I\_00002 X

Object ID: 1 Item

Transfers (41)

ID	Object Name	Description	Status	Created On
000000358	I_00002	Primavera to SAP PS Project Transfer	Completed	09.05.2022, 15:38:27
000000357	I_00002	Primavera to SAP PS Project Transfer	Failed	09.05.2022, 15:19:03
000000350	I_00002	SAP PS to Primavera Project Transfer	Completed	14.02.2022, 14:20:21
000000339	I_00002	SAP PS to Primavera Project Transfer	Failed	14.02.2022, 14:19:47
000000296	I_00002	SAP PS to Primavera Project Transfer	Completed	14.02.2022, 12:00:34
000000227	I_00002	SAP PPM to JIRA Project Transfer	Completed	11.02.2022, 10:19:00
000000224	I_00002	SAP PPM to Primavera Milestone Transfer	Completed	01.10.2021, 15:24:26
000000223	I_00002	SAP PPM to Primavera Milestone Transfer	Failed	01.10.2021, 15:24:12
000000222	I_00002	Microsoft to SAP PS Project Transfer	Completed	23.09.2021, 16:14:54
000000221	I_00002	SAP PS to Microsoft Project Transfer	Completed	23.09.2021, 16:10:50
000000220	I_00002	Microsoft to SAP PS Project Transfer	Failed	23.09.2021, 16:08:57
000000219	I_00002	SAP PS to Microsoft Project Transfer	Completed	23.09.2021, 15:09:48
000000218	I_00002	SAP PPM to Primavera Milestone Transfer	Completed	01.10.2020, 15:08:29
000000217	I_00002	SAP PPM to Primavera Milestone Transfer	Completed	01.10.2020, 15:07:32
000000216	I_00002	SAP PPM to Primavera Milestone Transfer	Completed	01.10.2020, 15:03:08
000000215	I_00002	SAP PPM to Primavera Milestone Transfer	Completed	01.10.2020, 12:54:39

# Manual triggered PM transfer

< **SAP** Transfer Maintenance Orders ▾

Standard\* ▾

Search	Order:	Order Type:	Priority:	Final Due Date:	Technical Object:	Start Date:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Scheduled Start Date:	Scheduled End Date:	Main Work Center:	Work Center Plant:	Reference Date:	Maintenance Plan:	Maintenance Item:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

*Transfer mechanism:*

- automatic in background
- batched (selected project transferred e.g. over the night)
- manual triggered

Maintenance Orders (19) Standard ▾

+ New Transfer Transfer History Change Responsibility Change Status ▾ Change Scheduling Show Details ⚙️ 📄 ▾

<input type="checkbox"/> Order	Order Type	Notification	Priority	Final Due Date	Technical Object	Start Date	End Date
<input type="checkbox"/> <b>Maintenance Order 47</b> 4000061	PM01	10000000				16.06.2020	06.07.2020
Scheduled Start Date: 16.06.2020 Scheduled End Date: 06.07.2020 Main Work Center: Production in Graz (T111) Work Center Plant: Network Planning (T110) Maintenance Plan: Maintenance Item:							
<input type="checkbox"/> <b>Distillation Pump 12</b> 4000072	PM01	Distillation Pump 12 (10000001)				16.06.2020	03.07.2020
Scheduled Start Date: 16.06.2020 Scheduled End Date: 03.07.2020 Main Work Center: Production in Graz (T111) Work Center Plant: Network Planning (T110) Maintenance Plan: Maintenance Item:							
<input type="checkbox"/> <b>Distillation Pump 31</b> 4000073	PM01	distillation Pump 31 (10000002)				16.06.2020	03.07.2020
Scheduled Start Date: 16.06.2020 Scheduled End Date: 03.07.2020 Main Work Center: Production in Graz (T111)							

**Create Transfer**

**General Information**

ID: \*  Object Name:

IFLOW:  Comment:

Object Type:

Object ID:

Message:



# Data Mapping Rules

# Business roles and Integration Mapping Rules – MS Project

- Product Manager
- Product (Steering) Committee
- Portfolio Manager

- Engineering Project Manager
- Portfolio / Project Management Office (PMO)

- Engineering Manager
- Project Resource Manager

- Project Member  
(e.g. Design Engineer, Manufacturing Engineer)

Portfolio level  
(SAP PPM)

Product Line Enduro  
(Portfolio bucket)

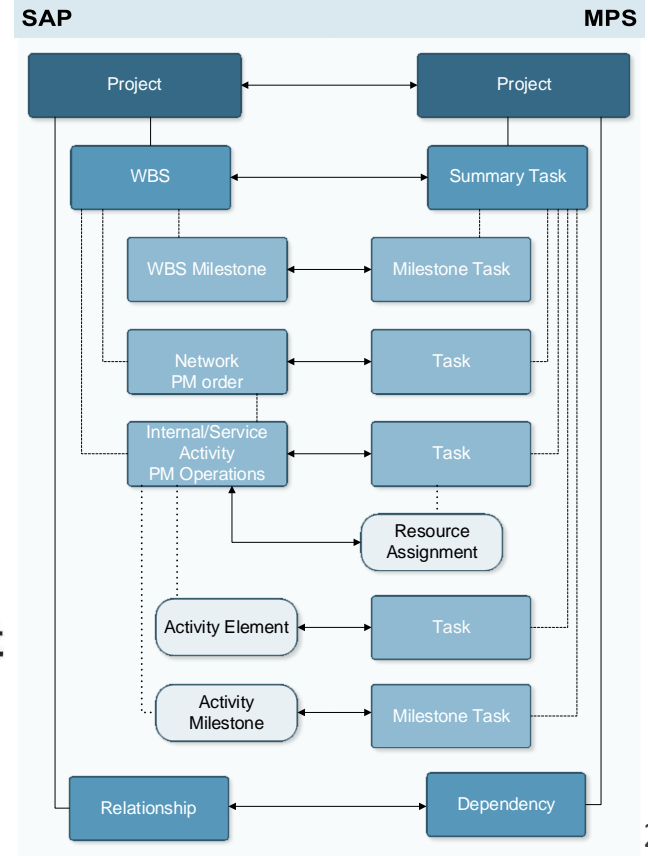
New motorbike  
(Portfolio item)

Project level  
(SAP PPM)

New motorbike  
(Project)

Task level  
(SAP PPM)

Setup  
(Project task)



# MS Projects – SAP synchronization objects



GAUNT CHART TOOLS T-00221 - Project Professional

FILE TASK RESOURCE REPORT PROJECT VIEW DEVELOPER TEAM FORMAT

Calibri 12

Mark on Track Respect Links Inactivate

Manually Auto Inspect Move Mode Task Summary Milestone Deliverable Information Notes Details Add to Timeline Find Clear Scroll to Task Fill

Editing

1 January 1 April 1 July 1 October 1 January 1 April 1 July

19.9 31.10 12.12 23.1 6.3 17.4 29.5 10.7 21.8 2.10 13.11 25.12 5.2 19.3 30.4 11.6 23.7 3.5

Task Name	STRUCTURE	Costs	Duration	Work	Start	Finish	Resource Names	SAP ID	SAP Object	
Project ADSL_Area221		€684,519.12	609 days?	2,170 hrs	17.9.2021	22.2.2024		T.00221-1	WBS_ELEMENT	
Plan phase and permits		€104,884.00	210 days?	1,108 hrs	17.9.2021	19.7.2022		T.00221-1	WBS_ELEMENT	
000004000515-Plan phase and permits		€0.00	210 days?	0 hrs	17.9.2021	19.7.2022		000004000515	NETWORK	
Service area analysis		€8,900.00	15 days?	100 hrs	17.9.2021	7.10.2021	T110-T112-TAC00	000004000515-0010	ACTIVITY	
Rough cost estimate		€9,600.00	14 days?	100 hrs	8.10.2021	28.10.2021	T110-T112-TAC00	000004000515-0020	ACTIVITY	
Investment appraisal		€7,680.00	29 days?	80 hrs	8.10.2021	19.11.2021	T110-T112-TAC00	000004000515-0030	ACTIVITY	
Investment approved		€0.00	0 days?	0 hrs	13.12.2021	13.12.2021		000000000027	ACTIVITY_MILESTO	
Investment approval		€40.00	14 days?	40 hrs	22.11.2021	10.12.2021	T110-T112-TAC00	000004000515-0040	ACTIVITY	
Investment approval		€0.00	0 days?	0 hrs	13.12.2021	13.12.2021		NO_SAP_RESOU	000004000515-0041	ACTIVITY
Creating the Scope		€2,848.00	3 days?	32 hrs	14.12.2021	16.12.2021	T110-T112-TAC00	000004000515-0050	ACTIVITY	
Creating a Topographic cadastral template		€21,360.00	25 days?	240 hrs	14.12.2021	18.1.2022	T110-T112-TAC00	000004000515-0060	ACTIVITY	
Obtaining the Location permit		€2,400.00	25 days?	20 hrs	14.12.2021	18.1.2022	T110-T112-TAC00	000004000515-0070	ACTIVITY	
Location permit obtained		€0.00	0 days?	0 hrs	19.1.2022	19.1.2022		NO_SAP_RESOU	000004000515-0071	ACTIVITY
Location permit obtained		€0.00	0 days?	0 hrs	19.1.2022	19.1.2022		000000000028	ACTIVITY_MILESTO	
Creating the Project charter		€2,304.00	25 days?	24 hrs	20.1.2022	23.2.2022	T110-T112-TAC00	000004000515-0080	ACTIVITY	
Creating the Detailed Project plan		€23,040.00	39 days?	240 hrs	24.2.2022	20.4.2022	T110-T112-TAC00	000004000515-0090	ACTIVITY	
Resolving legal and property matters		€9,600.00	40 days?	80 hrs	24.2.2022	21.4.2022	T110-T112-TAC00	000004000515-0100	ACTIVITY	
Approving the Detailed Project plan		€1,792.00	17 days?	32 hrs	21.4.2022	13.5.2022	T110-T112-TAC00	000004000515-0110	ACTIVITY	
Detailed Project plan approved		€0.00	0 days?	0 hrs	16.5.2022	16.5.2022		NO_SAP_RESOU	000004000515-0111	ACTIVITY
Detailed Project plan approved		€0.00	0 days?	0 hrs	16.5.2022	16.5.2022		000000000029	ACTIVITY_MILESTO	
Creating the Project execution plan		€11,520.00	42 days?	120 hrs	17.5.2022	18.7.2022	T110-T112-TAC00	000004000515-0120	ACTIVITY	
Project execution plan approved		€0.00	0 days?	0 hrs	19.7.2022	19.7.2022		NO_SAP_RESOU	000004000515-0121	ACTIVITY
Project execution plan approved		€0.00	0 days?	0 hrs	19.7.2022	19.7.2022		000000000030	ACTIVITY_MILESTO	
Construction		€579,635.12	401 days?	1,062 hrs	18.7.2022	22.2.2024		T.00221-2	WBS_ELEMENT	
Project Preparation		€31,488.00	52 days?	328 hrs	19.7.2022	29.9.2022		T.00221-2-1	WBS_ELEMENT	
000004000516-Project Preparation		€0.00	52 days?	0 hrs	19.7.2022	29.9.2022		000004000516	NETWORK	
Nominating the Chief Engineer		€768.00	4 days?	8 hrs	19.7.2022	22.7.2022	T110-T112-TAC00	000004000516-0010	ACTIVITY	
Subcontractors		€23,040.00	17 days?	80 hrs	17.7.2022	22.8.2022	T110-T112-TAC00	000004000516-0020	ACTIVITY	
Subcontractors		€0.00	0 days?	0 hrs	8.2022	23.8.2022		000004000516-0021	ACTIVITY	
Subcontractors		€7,680.00	14 days?	80 hrs	23.8.2022	12.9.2022	T110-T112-TAC00	000004000516-0030	ACTIVITY	
Subcontractors		€0.00	0 days?	0 hrs	12.9.2022	12.9.2022		000004000516-0031	ACTIVITY	
Procurement		€496,467.11	52 days?	184 hrs	19.7.2022	29.9.2022		T.00221-2-2	WBS_ELEMENT	
000004000517-Drop wire equipment		€0.00	51 days?	0 hrs	19.7.2022	28.9.2022		000004000517	NETWORK	
Aerial xDSL copper wires		€8,443.00	33 days?	8 hrs	19.7.2022	2.9.2022	T110-T112-TAC00	000004000517-0010	ACTIVITY	
Drop wire hardware		€4,094.30	24 days?	8 hrs	19.7.2022	19.7.2022	T110-T112-TAC00	000004000517-0020	ACTIVITY	
000004000518-User connection equipment		€0.00	51 days?	0 hrs	19.7.2022	19.7.2022		000004000518	NETWORK	
Jump wires		€1,024.50	32 days?	8 hrs	19.7.2022	2.9.2022	T110-T112-TAC00	000004000518-0010	ACTIVITY	

Time plan and progress

SAP OBJECTS

Possibility to extend the structure in external system (new WBS, activities, networks etc.)

Synchronize only n-levels of the projects and transfer aggregated data

Duration and Work Planned and actual

Report progress and spent time

Possibility to reschedule project and synchronize with SAP

Resources

Relationships

Materials

# MS Project – SAP PS example



10.0.0.10 - Remote Desktop Connection

T-00221 - Project Professional

FILE TASK RESOURCE REPORT PROJECT VIEW DEVELOPER TEAM GANTT CHART TOOLS FORMAT

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Mark on Track Respect Links Inactivate Manually Schedule Auto Schedule Tasks Summary Milestone Deliverable Information

Task Name	SAP ID	SAP Object	Cost	Duration	Work	Start	Finish	Resource Names
0 Project_ADSL_Area221			€684,519.12	609 days?	2,170 hrs	17.9.2021	22.2.2024	
1 Plan phase and permits	T.00221-1	WBS_ELEMENT	€104,884.00	210 days?	1,108 hrs	17.9.2021	19.7.2022	
2 000004000515-Plan phase and permits	000004000515	NETWORK	€0.00	210 days?	0 hrs	17.9.2021	19.7.2022	
3 Service area analysis	000004000515-0010	ACTIVITY	€8,900.00	15 days?	100 hrs	17.9.2021	7.10.2021	T110-T112-TAC005[83%]
4 Rough cost estimate	000004000515-0020	ACTIVITY	€9,600.00	14 days?	100 hrs	8.10.2021	28.10.2021	T110-T112-TAC001[89%]
5 Investment appraisal	000004000515-0030	ACTIVITY	€7,680.00	29 days?	80 hrs	8.10.2021	19.11.2021	T110-T112-TAC001[34%]
6 Investment approved	000000000027	ACTIVITY_MILE	€0.00	0 days?	0 hrs	13.12.2021	13.12.2021	
7 Investment approval	000004000515-0040	ACTIVITY	€3,840.00	14 days?	40 hrs	22.11.2021	10.12.2021	T110-T112-TAC001[36%]
8 Investment approved	000004000515-0041	ACTIVITY	€0.00	0 days?	0 hrs	13.12.2021	13.12.2021	NO_SAP_RESOURCE_AT[0%]
9 Creating the Scope of Work	000004000515-0050	ACTIVITY	€2,848.00	3 days?	32 hrs	14.12.2021	16.12.2021	T110-T112-TAC005[133%]
10 Creating a Topographic cadastral ten	000004000515-0060	ACTIVITY	€21,360.00	25 days?	240 hrs	14.12.2021	18.1.2022	T110-T112-TAC005[120%]
11 Obtaining the Location permit	000004000515-0070	ACTIVITY	€2,400.00	25 days?	20 hrs	14.12.2021	18.1.2022	T110-T112-TAC003[10%]
12 Location permit obtained	000004000515-0071	ACTIVITY	€0.00	0 days?	0 hrs	19.1.2022	19.1.2022	NO_SAP_RESOURCE_AT[0%]
13 Location permit obtained	000000000028	ACTIVITY_MILE	€0.00	0 days?	0 hrs	19.1.2022	19.1.2022	
14 Creating the Project charter	000004000515-0080	ACTIVITY	€2,304.00	25 days?	24 hrs	20.1.2022	23.2.2022	T110-T112-TAC001[12%]
15 Creating the Detailed Project plan	000004000515-0090	ACTIVITY	€23,040.00	39 days?	240 hrs	24.2.2022	20.4.2022	T110-T112-TAC001[77%]
16 Resolving legal and property matters	000004000515-0100	ACTIVITY	€9,600.00	40 days?	80 hrs	24.2.2022	21.4.2022	T110-T112-TAC003[25%]
17 Approving the Detailed Project plan	000004000515-0110	ACTIVITY	€1,792.00	17 days?	32 hrs	21.4.2022	13.5.2022	T110-T112-TAC002[24%]
18 Detailed Project plan approved	000004000515-0111	ACTIVITY	€0.00	0 days?	0 hrs	16.5.2022	16.5.2022	NO_SAP_RESOURCE_AT[0%]
19 Detailed Project plan approved	000000000029	ACTIVITY_MILE	€0.00	0 days?	0 hrs	16.5.2022	16.5.2022	
20 Creating the Project execution plan	000004000515-0120	ACTIVITY	€11,520.00	42 days?	120 hrs	17.5.2022	18.7.2022	T110-T112-TAC001[36%]
21 Project execution plan approved	000004000515-0121	ACTIVITY	€0.00	0 days?	0 hrs	19.7.2022	19.7.2022	NO_SAP_RESOURCE_AT[0%]
22 Project execution plan approved	000000000030	ACTIVITY_MILE	€0.00	0 days?	0 hrs	19.7.2022	19.7.2022	
23 Construction	T.00221-2	WBS_ELEMENT	€579,635.12	401 days?	1,062 hrs	18.7.2022	22.2.2024	
24 Project Preparation	T.00221-2-1	WBS_ELEMENT	€31,488.00	52 days?	328 hrs	19.7.2022	29.9.2022	
25 000004000516-Project Preparation	000004000516	NETWORK	€0.00	52 days?	0 hrs	19.7.2022	29.9.2022	
26 Nominating the Chief Engineer	000004000516-0010	ACTIVITY	€768.00	4 days?	8 hrs	19.7.2022	22.7.2022	T110-T112-TAC001[25%]
27 Selecting the subcontractors	000004000516-0020	ACTIVITY	€23,040.00	24 days?	240 hrs	19.7.2022	22.8.2022	T110-T112-TAC001[1%]
28 Signing subcontracts	000004000516-0021	ACTIVITY	€0.00	0 days?	0 hrs	23.8.2022	23.8.2022	
29 Briefing the subcontractors	000004000516-0030	ACTIVITY	€7,680.00	14 days?	80 hrs	23.8.2022	12.9.2022	T110-T112-TAC001[71%]
30 Project preparations done	000004000516-0031	ACTIVITY	€0.00	0 days?	0 hrs	12.9.2022	12.9.2022	
31 Procurement	T.00221-2-2	WBS_ELEMENT	€496,467.11	52 days?	184 hrs	19.7.2022	29.9.2022	
32 000004000517-Drop wire equipment	000004000517	NETWORK	€0.00	51 days?	0 hrs	19.7.2022	28.9.2022	

SAP Project Change

Select All Deselect All More

Project: T-00221 Project\_ADSL\_Area221

ID	Description	Project cost pl	Work	Duratr	Start date
T-00221	Project_ADSL_Area221	684,519.12 EUR		609,0 DAY	17.09.2021
T.00221-1	Plan phase and permits	104,884,01 EUR		210,0 DAY	17.09.2021
0010	Service area analysis	8,900,00 EUR	100,0 H	15,0 DAY	
0020	Rough cost estimate	9,600,00 EUR	100,0 H	14,0 DAY	
0030	Investment appraisal	7,680,00 EUR	80,0 H	29,0 DAY	
0040	Investment approval	3,840,00 EUR	40,0 H	14,0 DAY	
0041	Investment approved			1,0 DAY	
000000000027	Investment approved				13.12.2021
0050	Creating the Scope of Work	2,848,00 EUR	32,0 H	3,0 DAY	
0060	Creating a Topographic cadastral tem	21,360,00 EUR	240,0 H	25,0 DAY	
0070	Obtaining the Location permit	2,400,00 EUR	20,0 H	25,0 DAY	
0071	Location permit obtained			1,0 DAY	
000000000028	Location permit obtained				19.01.2022
0080	Creating the Project charter	2,304,00 EUR	24,0 H	25,0 DAY	
0090	Creating the Detailed Project plan	23,040,00 EUR	240,0 H	39,0 DAY	
0100	Resolving legal and property matters	9,600,00 EUR	80,0 H	40,0 DAY	
0110	Approving the Detailed Project plan	1,792,00 EUR	32,0 H	17,0 DAY	
0111	Detailed Project plan approved			1,0 DAY	
000000000029	Detailed Project plan approved				16.05.2022
0120	Creating the Project execution plan	11,520,01 EUR	120,0 H	42,0 DAY	
0121	Project execution plan approved			8,0 HR	
000000000030	Project execution plan approved				19.07.2022
T.00221-2	Construction	579,635,11 EUR		401,0 DAY	18.07.2022
T.00221-2-1	Project Preparation	31,488,00 EUR		52,0 DAY	19.07.2022
0010	Nominating the Chief Engineer	768,00 EUR	8,0 H	4,0 DAY	
0020	Selecting the subcontractors	23,040,00 EUR	240,0 H	24,0 DAY	
0021	Signing subcontracts			7,0 HR	
0030	Briefing the subcontractors	7,680,00 EUR	80,0 H	14,0 DAY	
0031	Project preparations done			5,0 DAY	

Save Enter Cancel

# MS Project – PM Orders example



SAP Project Info System: Structure Initial Screen

Refresh Sel. vers. Without Tree More v Exit

Project Structure Overview

	Title	BasicStartDate	Basic finish	Work	U	D...	Un...
▼ Maintenance Wind turbine WE00-002	E-000119	01.08.2022	22.09.2022	38	H	36	DAY
▼ E-0001191	E-000119	01.08.2022	22.09.2022	38	H		
▼ General Activities	E-000119-10-10	01.08.2022	03.08.2022			3	DAY
▼ Blade	E-000119-10-20	12.08.2022	08.09.2022	18	H	9	DAY
▼ Blade A	E-000119-10-20-10	12.08.2022	17.08.2022	18	H	3	DAY
▼ Blade angle adjustment #1	4000557	12.08.2022	12.08.2022	7	H	0	DAY
> Measurment	4000557 0010			2	H	2	H
> Angle of attack calibration	4000557 0020			4	H	4	H
> Checking of adjustment results	4000557 0030			1	H	1	H
> Pitch and Yaw Adjustment	4000558	16.08.2022	17.08.2022	11	H	2	DAY
> Measurments	4000558 0010			2	H	2	H
> Pitch adjustment	4000558 0020			6	H	6	H
> Yaw adjustment	4000558 0030			2	H	2	H
> Checking of adjustment results	4000558 0040			1	H	1	H
▲ Blade B	E-000119-10-20-20	18.08.2022	22.08.2022			3	DAY
▲ Blade C	E-000119-10-20-30	22.08.2022	25.08.2022			4	DAY
▲ Blade control system	E-000119-10-20-40	26.08.2022	08.09.2022			10	DAY
▼ Nacelle	E-000119-10-30	08.09.2022	22.09.2022	20	H	11	DAY
▼ Control system	E-000119-10-30-10	08.09.2022	13.09.2022	20	H	4	DAY
▼ Power and Efficiency Calibration	4000559	08.09.2022	12.09.2022	20	H	3	DAY
> Measurment of single parameters	4000559 0010			2	H	2	H
> Power Measurment	4000559 0020			2	H	2	H
> Efficiency Measurment	4000559 0030			2	H	2	H
> Calculating Usable Power	4000559 0040			1	H	1	H
> Power Curve Analyse	4000559 0050			3	H	3	H
> Calibration of single components	4000559 0060			3	H	3	H
> SW adjustment of controll system	4000559 0070			2	H	2	H
> Re-measuring	4000559 0080			5	H	5	H
▲ Generator	E-000119-10-30-20	14.09.2022	15.09.2022			2	DAY
▲ Gearbox	E-000119-10-30-30	16.09.2022	20.09.2022			3	DAY

10.0.0.10 - Remote Desktop Connection

http://commaruba-sp/pwa/project%20detail%20pages/schedule.aspx?projuid=6a93bc4a-ccce-4658-b1e1-9dca4070050&ret=0

Project Detail Pages - Sche... x

SharePoint

BROWSE PROJECT PAGE TASK OPTIONS

Project Web App

## Schedule: E-000119

Status: Checked-in Last Modified: 7/21/2022 4:20 PM Versions: Published

Start: August 30

ID #	Task Name	SAP ID	SAP Object	Start	Finish	Work	Duration
0	Maintenance Wind turbine WE00-002					38h	38d
1	E-0001191	E-000119	WBS_ELEMENT	8/1/2022 8:00 AM	9/22/2022 5:00 PM	38h	38d
2	General Activities	E-000119-10-10	WBS_ELEMENT	8/1/2022 8:00 AM	8/3/2022 5:00 PM	0h	3d
3	Blade	E-000119-10-20	WBS_ELEMENT	8/12/2022 8:00 AM	9/6/2022 5:00 PM	18h	15d
4	Blade A	E-000119-10-20-10	WBS_ELEMENT	8/12/2022 8:00 AM	8/17/2022 5:00 PM	18h	3d
5	Blade angle adjustment #1	4000557	ORDER	8/12/2022 8:00 AM	8/12/2022 12:00 PM	7h	0.5d
6	Measurment	4000557-0010	OPERATION			2h	2h
7	Angle of attack calibration	4000557-0020	OPERATION			4h	4h
8	Checking of adjustment results	4000557-0030	OPERATION			1h	1h
9	Pitch and Yaw Adjustment	4000558	ORDER	8/15/2022 8:00 AM	8/17/2022 5:00 PM	11h	3d
10	Measurments	4000558-0020	OPERATION			2h	2h
11	Pitch adjustment	4000558-0030	OPERATION			6h	6h
12	Yaw adjustment	4000558-0030	OPERATION			2h	2h
13	Checking of adjustment results	4000558-0040	OPERATION			1h	1h
14	Blade B	E-000119-10-20-20	WBS_ELEMENT	8/18/2022 8:00 AM	8/18/2022 8:00 AM	0h	0d
15	Blade C	E-000119-10-20-30	WBS_ELEMENT	8/22/2022 8:00 AM	8/22/2022 8:00 AM	0h	0d
16	Blade control system	E-000119-10-20-40	WBS_ELEMENT	8/26/2022 8:00 AM	8/26/2022 8:00 AM	0h	0d
17	Nacelle	E-000119-10-30	WBS_ELEMENT	9/8/2022 8:00 AM	9/22/2022 5:00 PM	20h	11d
18	Control system	E-000119-10-30-10	WBS_ELEMENT	9/8/2022 8:00 AM	9/13/2022 5:00 PM	20h	4d
19	Power and Efficiency Calibration	4000559	ORDER	9/8/2022 8:00 AM	9/12/2022 5:00 PM	20h	3d
20	Measurment of single parameters	4000559-0010	OPERATION			2h	2h
21	Power Measurment	4000559-0020	OPERATION			2h	2h
22	Efficiency Measurment	4000559-0030	OPERATION			2h	2h
23	Calculating Usable Power	4000559-0040	OPERATION			1h	1h
24	Power Curve Analyse	4000559-0050	OPERATION			3h	3h
25	Calibration of single components	4000559-006	OPERATION			3h	3h
26	SW adjustment of controll system	4000559-0070	OPERATION			2h	2h
27	Re-measuring	4000559-0080	OPERATION			5h	5h
28	Generator	E-000119-10-30-20	WBS_ELEMENT	9/14/2022 8:00 AM	9/15/2022 5:00 PM	0h	3d
29	Gearbox	E-000119-10-30-30	WBS_ELEMENT	9/16/2022 8:00 AM	9/20/2022 5:00 PM	0h	2d

7/31/5 M

EDT LINKS

# MS Project – project costs example

Project: Change

Project: T-00221 Project\_ADSL\_Area221

S	ID	Description	Work	Project cost plan
	T-00221	Project_ADSL_Area221		1.235.402,88 EUR
	T-00221-1	Plan phase and permits		06.163,99 EUR
	4000031 / 0010	Service area analysis	100,0 H	8.900,00 EUR
	4000031 / 0020	Rough cost estimate	100,0 H	9.600,00 EUR
	4000031 / 0030	Investment appraisal	80,0 H	7.680,00 EUR
	4000031 / 0040	Investment approval	40,0 H	3.840,00 EUR
	4000031 / 0041	Investment approved		
	000000000006	Investment approved		
	4000031 / 0050	Creating the Scope of Work	32,0 H	2.846,00 EUR
	4000031 / 0060	Creating a Topographic cadastral tem	240,0 H	21.360,00 EUR
	4000031 / 0070	Obtaining the Location permit	20,0 H	2.400,00 EUR
	4000031 / 0071	Location permit obtained		
	000000000007	Location permit obtained		
	4000031 / 0080	Creating the Project charter	24,0 H	2.304,00 EUR
	4000031 / 0090	Creating the Detailed Project plan	240,0 H	23.040,00 EUR
	4000031 / 0100	Resolving legal and property matters	80,0 H	9.600,00 EUR
	4000031 / 0110	Approving the Detailed Project plan	32,0 H	3.072,00 EUR
	4000031 / 0111	Detailed Project plan approved		
	000000000008	Detailed Project plan approved		
	4000031 / 0120	Creating the Project execution plan	120,0 H	11.519,99 EUR

T-00221 [Read-Only] - Project Professional

Task Name	SAP Description	Work	Cost	
0	Project_ADSL_Area221	2.618 hrs	€1.285.402,89	
1	T-00221-1	1.108 hrs	€106.164,00	
2	000004000031	Plan phase and permits	0 hrs	€0,00
3	000004000031-0010	Service area analysis	100 hrs	€8.900,00
4	000004000031-0020	Rough cost estimate	100 hrs	€9.600,00
5	000004000031-0030	Investment appraisal	80 hrs	€7.680,00
6	000004000031-0040	Investment approval	40 hrs	€3.840,00
7	000004000031-0041	Investment approved	0 hrs	€0,00
8	000000000006	Investment approved	0 hrs	€0,00
9	000004000031-0050	Creating the Scope of V	32 hrs	€2.848,00
10	000004000031-0060	Creating a Topographic	240 hrs	€21.360,00
11	000004000031-0070	Obtaining the Location	20 hrs	€2.400,00
12	000004000031-0071	Location permit obtain	0 hrs	€0,00
13	000000000007	Location permit obtained	0 hrs	€0,00
14	000004000031-0080	Creating the Project ch	24 hrs	€2.304,00
15	000004000031-0090	Creating the Detailed P	240 hrs	€23.040,00
16	000004000031-0100	Resolving legal and pro	80 hrs	€9.600,00
17	000004000031-0110	Approving the Detailed	32 hrs	€3.072,00
18	000004000031-0111	Detailed Project plan a	0 hrs	€0,00
19	000000000008	Detailed Project plan app	0 hrs	€0,00
20	000004000031-0120	Creating the Project ex	120 hrs	€11.520,00
21	000004000031-0121	Project execution plan	0 hrs	€0,00
22	000000000009	Project execution plan app	0 hrs	€0,00
23	T-00221-2	Construction	1.510 hrs	€1.179.238,89
24	T-00221-2-1	Project Preparation	328 hrs	€29.248,00
25	000004000032	Project Preparation	0 hrs	€0,00
26	000004000032-0010	Nominating the Chief E	8 hrs	€768,00
27	000004000032-0020	Selecting the subcontr	240 hrs	€21.360,00
28	000004000032-0021	Signing subcontracts	0 hrs	€0,00
29	000004000032-0030	Briefing the subcontrac	80 hrs	€7.120,00
30	000004000032-0031	Project preparations dc	0 hrs	€0,00
31	T-00221-2-2	Procurement	184 hrs	€488.662,68
32	000004000033	Drop wire equipment	0 hrs	€0,00

# Stanislav Janjac

## Commodo Founder

Stanislav established Commodo LLC (commodo = serve, mondo = world) in 2013 as global company offering specific consultancy and implementation services in the field of Enterprise Portfolio and Project Management based on SAP technologies.

As business consultant Stanislav helps customer in their business transformation and digitalization to optimize their complex, heterogeneous project management environment and tools.

Stanislav finished Electrical engineering in Kaiserslautern, Germany, and have 15 years of experience working in Siemens AG. While managing business in a Croatia and Austria he was responsible for large teams (800 employee) distributed across nine CEE countries, as well as India and China. He has broadened experience managing the complex relationship between stakeholder groups, managing software products and complex IT solutions, serving numerous multinational customers.

*Stanislav Janjac*  
*Business consultant and CEO*

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# B – Manual triggered PS transfer

My Active Projects Transfer

Standard

Not Filtered

Projects (3)

Project Name	Project ID	Project Type	Current Phase	Phase Finish	Main Milestone	Upcoming Milestone
L_00002	I-00002	Capital Projects	P1 - Planning	18.03.2020		
T_00206	T-00206	Customer projects				
E_00117	E-00117	Customer projects				

+ New Transfer   Transfer History   Project Structure   Financial Planning   Capacity Planning   Project Progress

**Transfer mechanism:**

- automatic in background
- batched (selected project transferred e.g. over the night)
- manual triggered

Project Transfers

Transfer

Standard

Create Transfer

General Information

IFLOW: SAPPSP6

Object Type: PS

Object ID: I\_00002

Object Name: I\_00002

Comment: SAP PS Project transfer to Primavera PS via SAP CPI

Message:

Save   Cancel

Project Transfers

Standard

Object Name: I\_00002

Description:

Status: 1 Item

Object ID: 1 Item

Transfers (41)

ID	Object Name	Description	Status	Created On
000000358	I_00002	Primavera to SAP PS Project Transfer	Completed	09.05.2022, 15:38:27
000000357	I_00002	Primavera to SAP PS Project Transfer	Failed	09.05.2022, 15:19:03
000000350	I_00002	SAP PS to Primavera Project Transfer	Completed	14.02.2022, 14:20:21
000000339	I_00002	SAP PS to Primavera Project Transfer	Failed	14.02.2022, 14:19:47
000000296	I_00002	SAP PS to Primavera Project Transfer	Completed	14.02.2022, 12:00:34
000000227	I_00002	SAP PPM to JIRA Project Transfer	Completed	11.02.2022, 10:19:00
000000224	I_00002	SAP PPM to Primavera Milestone Transfer	Completed	01.10.2021, 15:24:26
000000223	I_00002	SAP PPM to Primavera Milestone Transfer	Failed	01.10.2021, 15:24:12
000000222	I_00002	Microsoft to SAP PS Project Transfer	Completed	21.09.2021, 16:14:54
000000221	I_00002	SAP PS to Microsoft Project Transfer	Completed	21.09.2021, 16:10:50
000000220	I_00002	Microsoft to SAP PS Project Transfer	Failed	21.09.2021, 16:08:57
000000219	I_00002	SAP PS to Microsoft Project Transfer	Completed	21.09.2021, 15:09:48
000000218	I_00002	SAP PPM to Primavera Milestone Transfer	Completed	01.10.2020, 15:08:29
000000217	I_00002	SAP PPM to Primavera Milestone Transfer	Completed	01.10.2020, 15:07:32
000000216	I_00002	SAP PPM to Primavera Milestone Transfer	Completed	01.10.2020, 15:03:08
000000215	I_00002	SAP PPM to Primavera Milestone Transfer	Completed	01.10.2020, 12:54:39