



MARIProject for SAP Business One

ERP and Project Solution for EC&O Companies

The integrated software for small and midsize businesses.
Specially designed for engineering and construction companies.

Current Challenges in EC&O Companies

EC&O companies face numerous challenges. One of these is the **shortage of skilled workers**.

In addition, projects in engineering and construction companies are often complex, have long lead times, and require the purchase of many components. **Fluctuating prices** and **supply chain problems** therefore make planning difficult, both in terms of costs and logistics. The more projects are handled in parallel, the greater the effort involved.

In the course of **digitalisation**, companies have introduced tools for address management, calculation, project planning, billing, accounting, etc. However, most EC&O companies do everything with Excel.

This is proving to be an increasing problem when it comes to **handling data**: During the course of a project, employees transfer a wide variety of data, which often leads to **inconsistencies**, whether in addresses, prices, or plans. If employees are sick, **processes are stopped** because their data is not accessible to colleagues.

Analyses, such as comparing planned costs with actual costs or calculating the value of plants under construction, are very time-consuming. As a result, **companies forego date-based analyses** and lose track of projects and their business.



How to Maintain an Overview

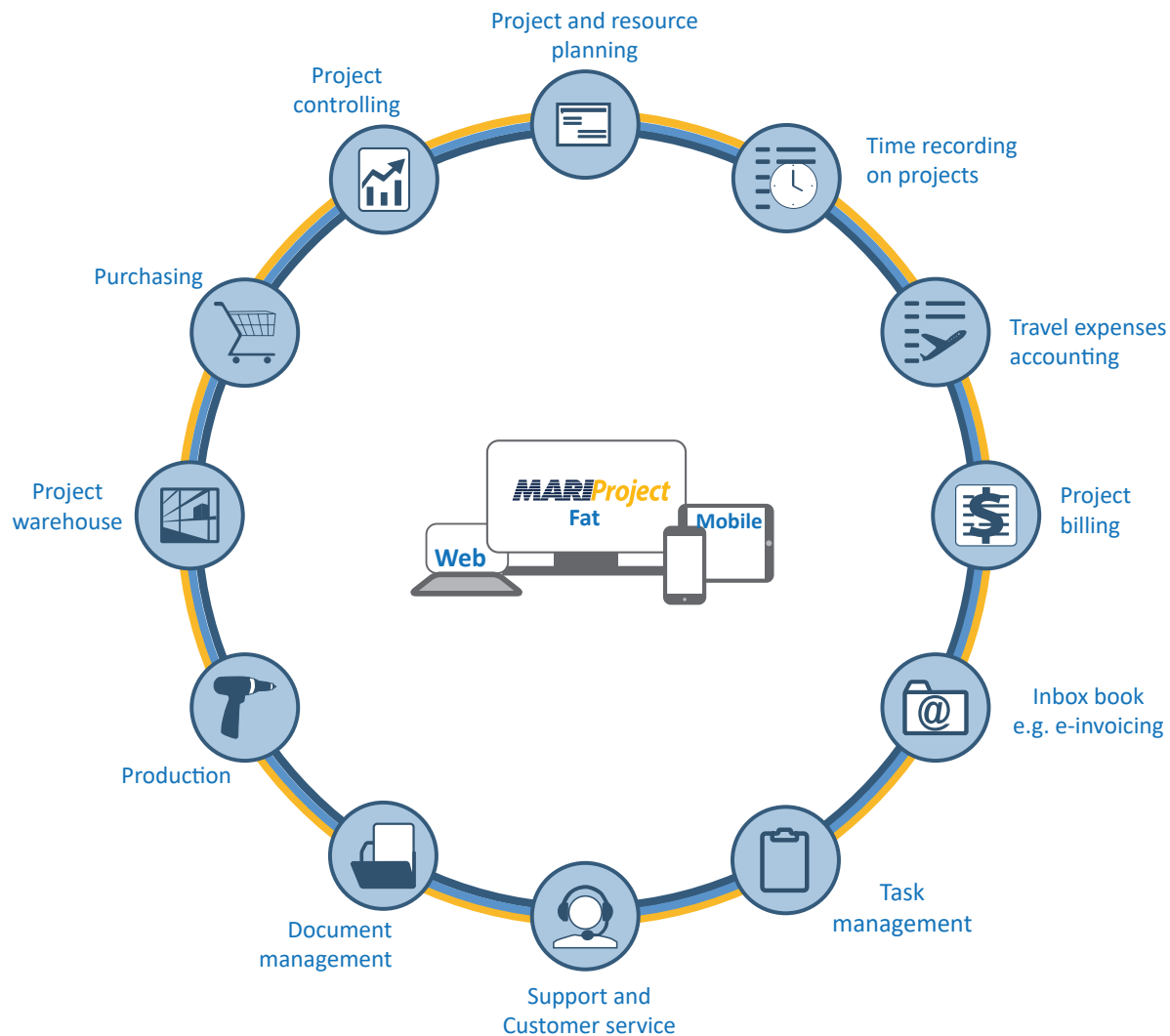
The integrated ERP and project solution MARIPProject for SAP Business One eliminates the need to transfer data. This is because **all data is stored uniformly in a single database**. This applies equally to addresses, prices, purchasing, planning, costing, project hours, and deliveries, regardless of whether they are entered in the main program, on a laptop in the Web Client, or via a smartphone in the Mobile Client.

Authorised users have immediate access to the recorded data for their tasks. This prevents inconsistencies. In addition, MARIPProject complies with the requirements of the **GDPR**. You receive **individual analyses** at the touch of a button with the latest data. To speed up processes, you can define **workflows** with substitute rules.

In this way, MARIPProject saves you time throughout the entire project process, allows you to maintain an overview, and enables you to intervene promptly if necessary.

MARIProject for SAP Business One:

Manage Your Entire Company With One Solution



Project-oriented purchasing with budget control

Convenient quotation costing

Uniform storage of documents and receipts

Clear resource planning

Recording of hours, travels, and items on mobile devices

Transparent task management

Cost allocation based on origin

Approval of documents, costs, etc. on mobile devices

Flexible billing of ongoing projects

Automated processing of e-invoices

Individual project analyses

Up-to-date analyses at the touch of a button

Service desk for maintenance and repair included

Calculate Sales Quotations Easily

Given the large number of items, calculating sales quotations in EC&O projects is a particular challenge. Centralised procurement and consistent item and price information are a huge help. Flexibly adaptable calculation standards and workflows create transparency and speed up the calculation process.

Quick Item Selection

- ⇒ All items are stored uniformly with the description and price in the ERP system.
- ⇒ Simply select the item data for your sales quotation. This saves you time and allows you to access consistent data without any communication effort.

Simply Select the Calculation Method

- ⇒ You can store individually defined calculation methods, such as overhead calculation, centrally and select them for the respective calculation. The calculated prices are automatically transferred to your sales quotation.

Project-Related Purchasing

- ⇒ MARIPProject supports project-related purchasing. This means that all purchased items and services are automatically assigned to the project in terms of costs. Optionally, you can set up a project warehouse for these items.

- ⇒ The balance statistics visualise the purchase status for each item throughout the whole course of the project.

Stay Within the Project Budget

- ⇒ To stay within the project budget, you can set up a workflow so that purchases that exceed the defined budget can only be ordered with special approval.
- ⇒ A comparison of quoted prices at the item level enables additional savings potential.

Automation Replaces Routine Tasks

- ⇒ Once the calculation is complete, generate the sales quotation document at the touch of a button and send it to the customer by email. The address data is automatically inserted from CRM.

- ⇒ All amounts are now included in analyses.

This ensures that your sales quotation is based on consistent data and that the entire process is transparent.



MARIPProject															Demo2017_UK8BO - Business Partners									
Individual Contract 40000300 Solar Plant ASmith 1 record found.																								
Basic Settings Positions Customer Project Prices Price Calculation Texts Documents Down Payments Installment Plan Revenue Statement Purchase Processes Commission Balance Support Tickets Tasks Development																								
Pos.	Number	Position	Quantity	Unit	CC	Costs	Total Costs	Imp. Cost Margin	Imp. Sales Margin	Unit Price	Eff. Discount	Total Price	Extra Price	Gross Profit	Gross Profit / Costs	Gross Profit / Revenues								
1	1.1	280000	1.00	h	GBP					12,107,080.00	0.00 %	12,107,080.00		7,247,280.00	149.13 %	59.86 %								
2	1.1	1000	40.00	h	GBP	50.00	2,000.00	20.00 %	5.00 %	125.00	0.00 %	5,000.00	150.00 %	3,000.00	150.00 %	60.00 %								
3	1.2	1090	120,240.00	*	GBP	40.00	4,809,600.00	20.00 %	5.00 %	100.00	0.00 %	12,024,000.00	150.00 %	7,214,400.00	150.00 %	60.00 %								
4	1.3	200001	100.00	*	GBP	400.00	40,000.00	60.00 %	4.00 %	656.00	0.00 %	65,600.00	64.00 %	25,600.00	64.00 %	39.02 %								
5	1.4	10005	10.00	h	GBP	700.00	7,000.00	45.00 %	20.00 %	1,050.00	0.00 %	10,500.00	50.00 %	3,500.00	50.00 %	33.33 %								
6	1.5	230003	100.00	h	GBP	12.00	1,200.00	60.00 %	5.00 %	19.90	0.00 %	1,980.00	65.00 %	780.00	65.00 %	39.39 %								
7	2	900006	300.00	MI	GBP	0.00	0.00	0.00 %	0.00 %	1.00	0.00 %	300.00		300.00		100.00 %								
8	5	100006	25.00	h	GBP	15,000.00	375,000.00	20.00 %	5.00 %	18,750.00	0.00 %	468,750.00	25.00 %	93,750.00	25.00 %	20.00 %								
						5,234,800.00				12,576,130.00		7,341,330.00	140.24 %			58.38 %								

Project with Overhead Calculation



Plan All Resource Planning Intelligently

Once the sales quotation has been accepted, refine the rough resource planning for your new project. As an integrated solution, MARIPProject also supports more complex planning tasks. Here are some highlights:

Run Through Multiple Planning Versions

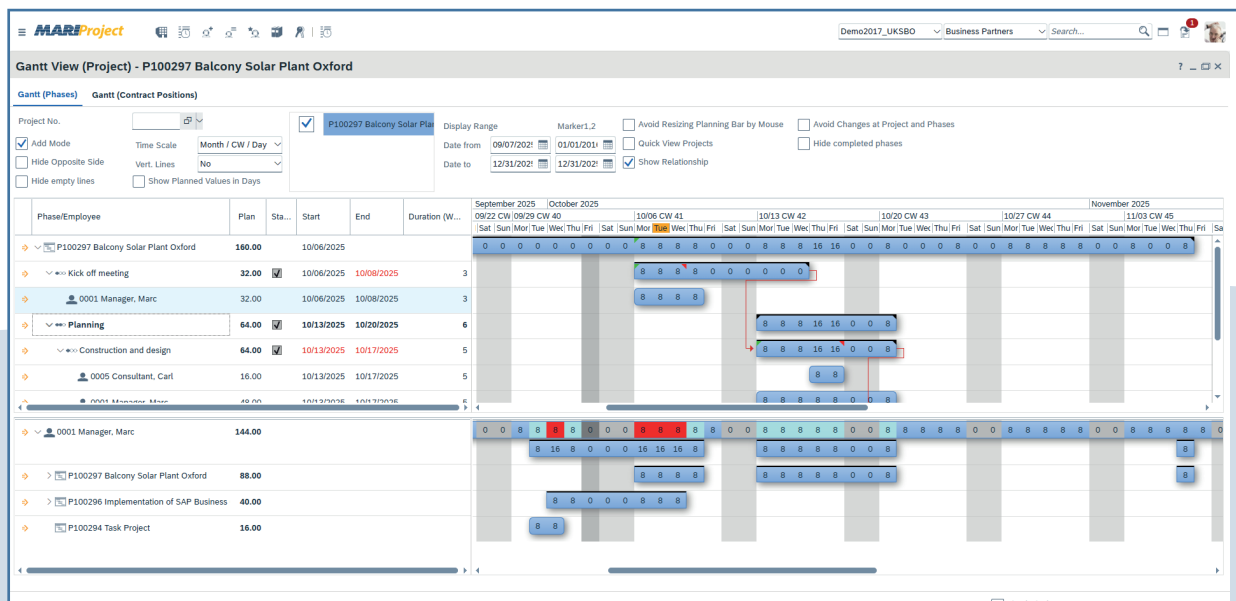
- ⇒ You create detailed project planning with milestones, phase dependencies, time buffers, etc. You can run through and save different planning versions before deciding on one.

Plan Based On Stored Data

- ⇒ When planning in the Gantt Chart, MARIPProject automatically takes into account different working time models and vacation plans. It also shows whether the desired colleague is already planned for a project.

- ⇒ The same applies to the planning of equipment.

Planning in Gantt chart with availability display



Transparent Planning

- ⇒ If you have planned the sales quotation with resource pools, you can now transfer the tasks to employees using drag and drop. You can choose to display their capacity.
- ⇒ You can plan equipment in the same way. MARIPProject automatically takes into account the planning of other projects.
- ⇒ Break down defined project phases down to the task level and assign them to employees. The respective employee will automatically find their tasks in their task dashboard.

Use Automation

- ⇒ Planning changes affect the entire project. Therefore, changes are automatically displayed, updated, and taken into account in analyses at other levels (duration, phase dependencies, costs).

By intelligently linking the various project levels, MARIPProject enables efficient planning and economical project management.

Transparent Processes in Ongoing Projects

MARIPProject simplifies typical processes in the course of a project. Here is a selection:

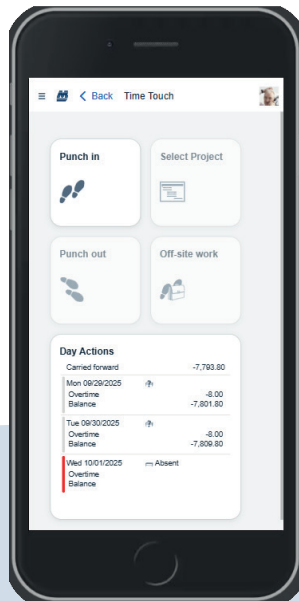
Systematic Filing of Documents

- ⇒ Project documents are stored in a folder that all team members with the appropriate authorisation can access. Alternatively, you can use a document management system such as CKS, ELO, or SharePoint.

Reduce Time Spent on Coordination

- ⇒ Team members mark completed tasks in the task dashboard. This allows everyone to see the current status at a glance without the need for communication.

Time Touch enables time recording on mobile devices



Convenient Data Entry

- ⇒ Employees working on EC&O projects often travel to the plant, to customers, etc. Set up approval processes to keep travel expenses under control.
- ⇒ Time, item, and travel expense entry is also possible on the go.
- ⇒ The project manager approves all or part of the hours entered, travel expenses, and items used.

Document the Production of Components

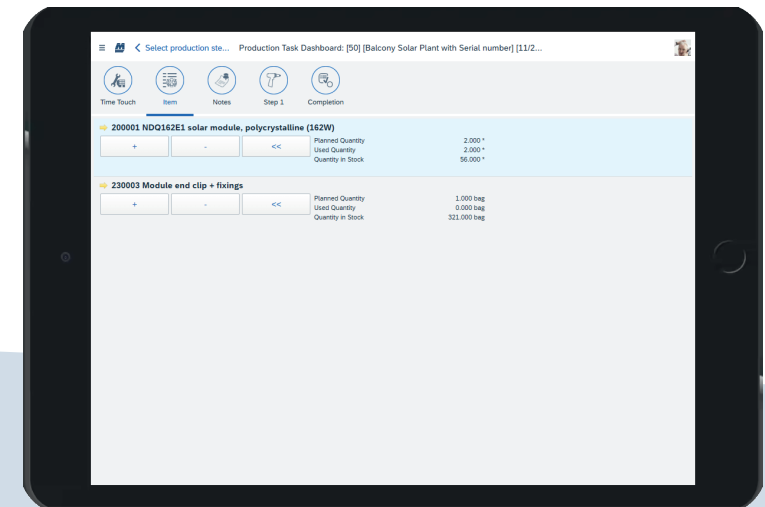
- ⇒ MARIPProject supports production processes for both individual components and complete products.
- ⇒ Completed components can be stored in the warehouse, as complete warehouse management is included.

Assemblers record the items used in the production dashboard

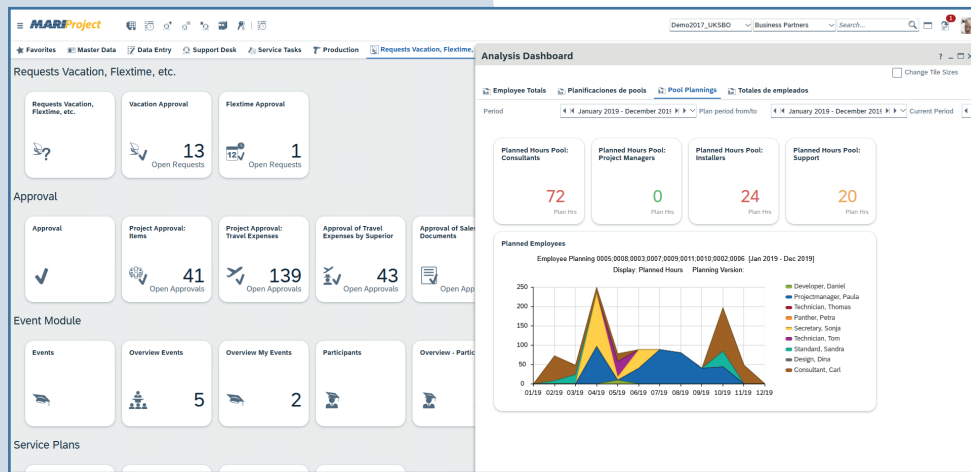
Check the Project Status at Any Time

- ⇒ All recorded data is included in project analyses without manual transfer. One click, and you know where your project stands.

By the way, MARIPProject is available in different languages and thus supports projects with international teams.

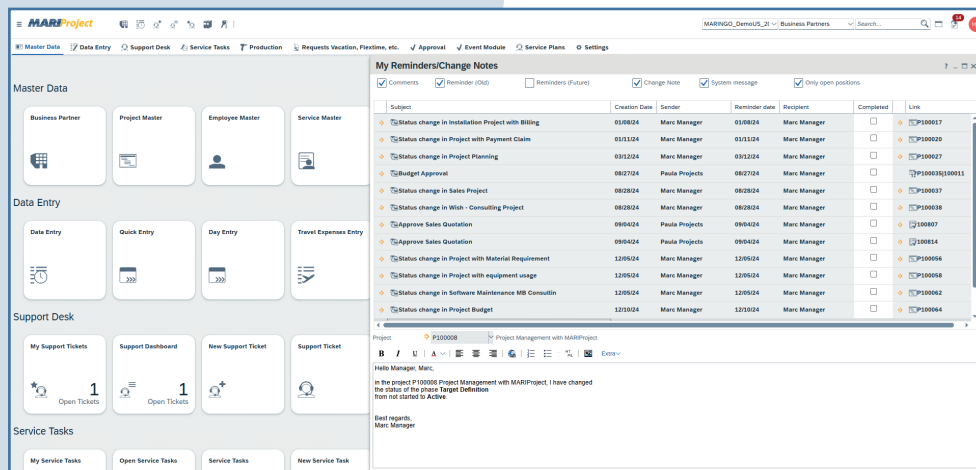


Work Flexibly in the New Web Client



Analysis Dashboard Planned Employees in the new Web Client

Display of your own reminders



The MARIPROject Web Client has long provided central functions. In the completely redesigned version, you can now complete all typical project tasks on your laptop via the Internet.

- ⇒ Record, add, correct, and delete business partner data, hours, travel expenses, in compliance with GDPR.
- ⇒ Plan projects, keep track of progress
- ⇒ Intervene when necessary
- ⇒ Transparent production processes
- ⇒ Exchange information within the team, regardless of time and location
- ⇒ Grant approvals of all kinds: purchasing of items, project hours, travel expenses, sales quotations, etc.
- ⇒ Bill projects in whole or in part
- ⇒ Configure smart dashboards individually
- ⇒ Plan, process, and bill repair and maintenance processes
- ⇒ Modern look and feel
- ⇒ Completely redesigned user interface (UI)



Bill Ongoing Projects in an International Environment



Due to the long durations involved, you need special billing types for EC&O projects. MARIPProject makes this possible.

Flexible, Automated Billing

⇒ You define typical billing types, such as fixed price, after completed phase, milestone, retainer, or payment claim.

⇒ MARIPProject takes into account different currencies and their exchange rates.

⇒ All recorded and approved hours, travel expenses, and items are automatically displayed for billing per project.

⇒ After a milestone has been reached or a project phase has been completed, the agreed amounts are automatically displayed for billing.

⇒ When a payment claim is made, a partial invoice statement with percentage cost details is automatically generated.

⇒ When finalising the invoice, you add the warranty retention. It is displayed for billing on the agreed date.

⇒ After the document has been created, the amounts are automatically posted.

The inbox book with a visualised invoice

The screenshot displays the MARIPProject software interface. The top navigation bar includes the 'MARIPProject' logo and various icons. The main area is titled 'Inbox Book' and features a sidebar with navigation options: 'Inbox Book', 'Collect Documents', 'Other', 'Delete', 'A/P Invoices', 'Company Demo2017_UKSBO', 'Approval', 'Prerecorded A/P Invoice', 'Prerecorded A/P Invoice without', 'Prerecorded Document: Goods', and 'Others'. The main content area shows a table with columns for 'Creation Date', 'Status', 'Title', 'File Name', and 'Document Type'. A single entry is visible: '10/01/2025 6:45 PM' with a status of 'Waiting for IV_Tom_And_Harry_mp2C IV_Tom_And_Harry_mp2C' and an undefined title. Below the table, there are tabs for 'Keywords' and 'Properties'. On the right side of the interface, a visualized invoice is displayed. The invoice is from 'Tom & Harry's' and is dated 'Nottingham, 11. October 2024'. It includes details such as 'MARIPRO_DemoUS_2021', 'Stollberger Str. 114a', '50933 Cologne (Germany)', and 'Invoice: INV 2024-0278'. The invoice also lists 'Cable dmm, double insulated 50 pcs.' and a 'Total' amount of '43.99'.

A Workflow for E-invoices

⇒ The MARIPProject inbox book includes intelligent document processing. This is because it includes OCR recognition for PDF documents.

⇒ It also visualises and processes e-invoices in the XInvoice and ZUGFeRD formats. In addition, you can set up company-specific processing workflows here. Besides invoices, you can also automatically process other documents in the inbox book.

When it comes to billing, centralised data entry not only saves time but also actually generates profit.

Up-to-date Analyses at Touch of a Button



Project progress often brings surprises. When several projects are running in parallel or are long-term, it is essential to keep track of progress, capacities, effort, and costs at all times.

Standard Analyses

⇒ MARIPProject contains more than 200 preconfigured analyses for printing or displaying on screen. These include, for example, the “Balance List: Hours” as well as the percentage of completion, remaining volume, comparisons of

calculated costs and revenues, and the project breakeven.

Individual Analyses

⇒ In addition, you can easily define your own analyses tailored to your company.

Project Dashboards

⇒ MARIPProject allows you to set up individual dashboards for projects, vacation entitlement, employee utilisation, costs, revenues from business units, etc.

Plants Under Construction

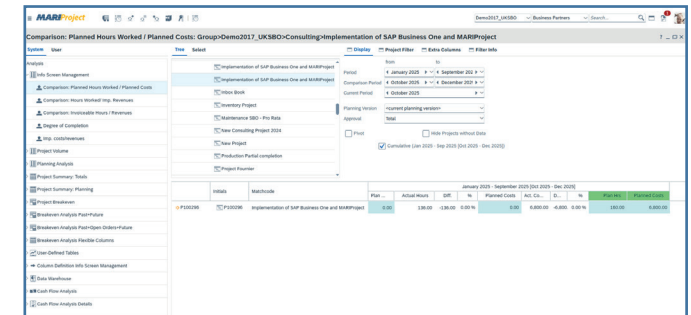
⇒ MARIPProject supports the calculation of the value of plants under construction with a freely definable template.

⇒ Calculation according to IAS/US-GAAP is also possible. The calculated values are transferred to accounting/balance sheet at the touch of a button.

Internal Allocation of Services (IAS) and Intercompany Allocation

⇒ MARIPProject supports both internal allocation of services (IAS) and intercompany allocation, enabling costs to be allocated according to their origin in companies with multiple business units and multiple branches or subsidiaries.

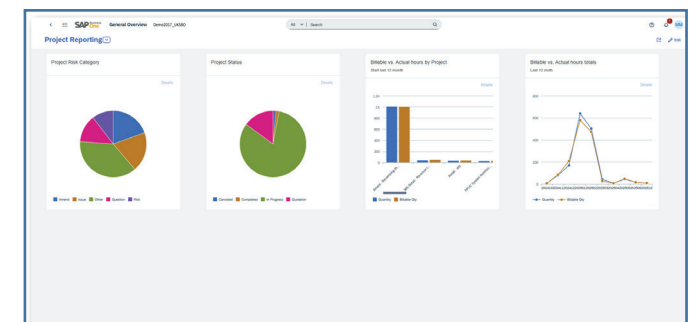
Uniform data management proves to be an enormous advantage in controlling.



Planned/actual comparison on an hourly basis



Standard analyses in the SAP Business One Web Client



Informative project dashboards

Complete Service Desk

MARIPROject supports your customer service with an additional module.

Service Desk Ensures Transparency

- ⇒ Repair and maintenance processes are planned, processed, and documented in the Service Desk. You can also analyse the processes statistically.
- ⇒ It is possible to attach explanatory images or text documents to the respective repair or maintenance case.

24/7 Online Access for your Customers

- ⇒ You can easily make the Service Desk available to your customers so that they can track the processing status of their own processes 24/7.

Service Level Agreements for Critical Cases

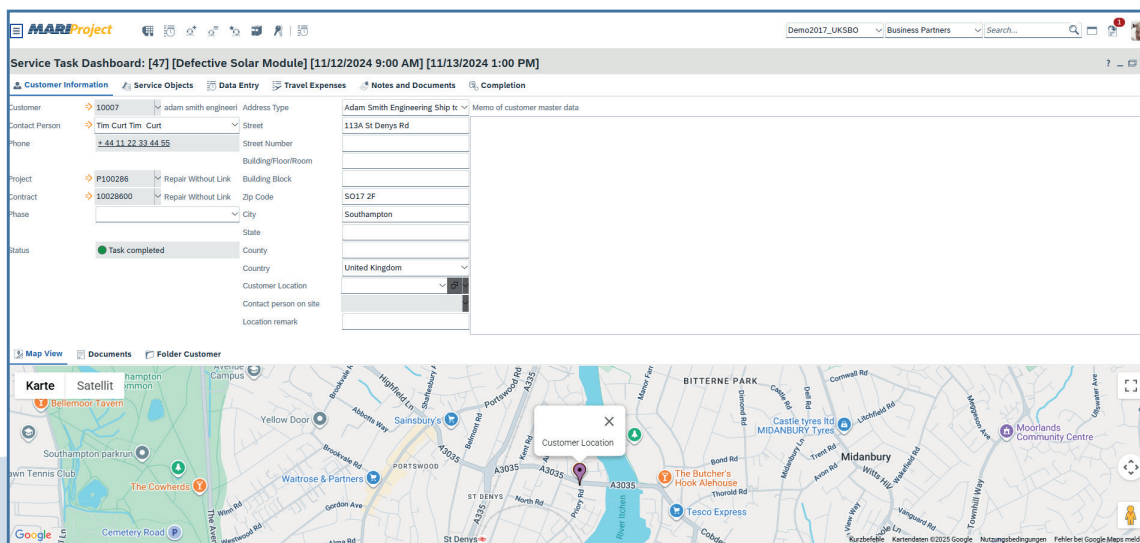
- ⇒ For special incidents, you define “Service Level Agreements” (SLA) according to customer specifications with response and solution times.
- ⇒ The SLA monitor visualises the processing status of the cases and their processing time.



Data Recording & Analyses Included

- ⇒ After successfully completing a repair or maintenance job, the service employee records the processing time spent and the items used directly in the Support Desk. The items used are deducted from the stock level.
- ⇒ In addition, service cases can also be billed quickly and analysed in detail.

A service desk is indispensable for plant maintenance. With MARIPROject, the service technician has access to all processes in EC&O projects, such as components, design, etc.



Service dashboard with display of customer location

Availability, Licenses, Technology

MARIPProject is flexibly available both on-premise and on-demand as a cloud solution.

On-Premise

On-premises means that all your company data is stored on a server in your company.

Employees access the company data for which they have authorisation from their office computer or mobile device (laptop, smartphone, tablet).

With an On-Premise solution, you install the updates yourself on the company's own computers.

As the manufacturer of MARIPProject and an SAP partner, MARINGO provides the necessary updates (upgrades for SAP Business One and MARIPProject).

In this case, the sales price is based on the number of licenses plus a setup fee, maintenance costs, and employee training, if applicable.

On-Demand (Cloud solution)

If you operate MARIPProject “On-Demand” as a so-called “cloud solution,” SAP Business One and MARIPProject are installed with your company data at a hosting provider and are maintained (hosted) there by its employees.

Your employees access this data via PC, laptop, smartphone, or tablet according to their authorisation. You do not need to worry about technical details.

The price for the On-Demand version is based on a monthly rental fee per employee plus one-time setup costs and employee training.

SAP HANA Database

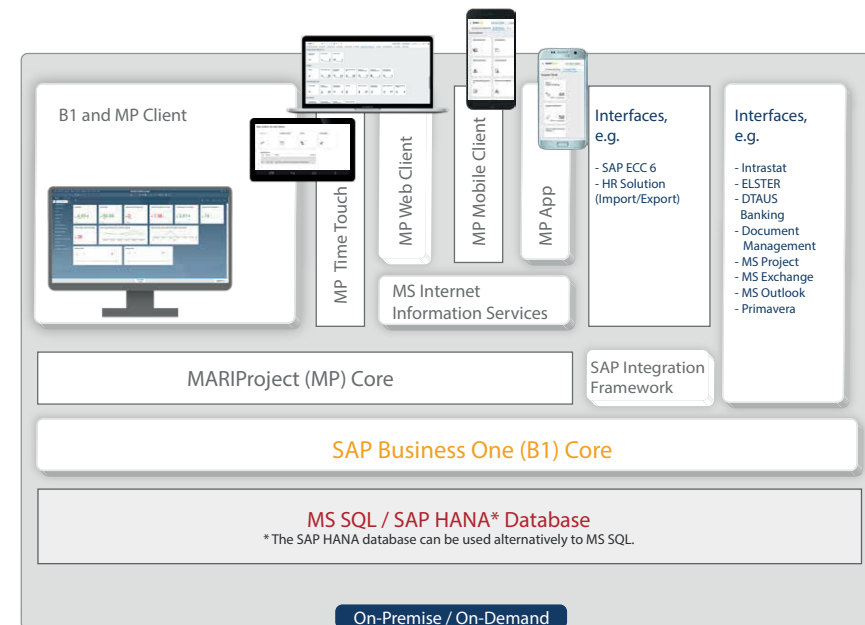
Thanks to SAP HANA, MARIPProject and SAP Business One are more powerful because the in-memory technology accelerates data processing. This is particularly noticeable in smart, graphically prepared analyses. Special hardware is required for the in-memory technology.



Which Solution Is the Best?

The question of which solution is suitable for your company and offers the best value for money cannot be answered reliably without further information. In addition to the license prices, the costs depend on the technical, personnel, and economic conditions in your company.

Please feel free to contact us. We will analyse the conditions in your company together with you and find the right configuration. This is free of charge for you as part of the initial consultation.



References

Sinus Nachrichtentechnik,
from Barsbüttel (Hamburg), Germany,
provides innovative communication
solutions and uses MARIPProject for
SAP Business One to handle its entire
project management.
www.sinus-nt.de

CE-N, Civil Engineering Network,
from Bochum, Germany, has optimised
the processing and invoicing of their
current projects with MARIPProject for
SAP Business One.
www.ce-n.com

Proven Solution

MARIPProject is certified for the
integration in SAP Business One.

More than 22,000 users already use
MARIPProject.

We work with trained SAP partners
around the world who are familiar
with the country-specific processes
and take them into account during
implementation.

Experienced Partner

MARINGO has been a certified SAP
Business One partner for over 20
years.

Our experienced consultants and de-
velopers are certified for SAP Business
One. Regular recertification ensures
that you are always up to date.

MARINGO has successfully completed
numerous implementation projects
for SAP Business One and
MARIPProject worldwide.

Benefit from our experience!

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SAP® Certified
Integration with SAP HANA®

SAP® Certified
SAP Business One Integration

Status: July 2025

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