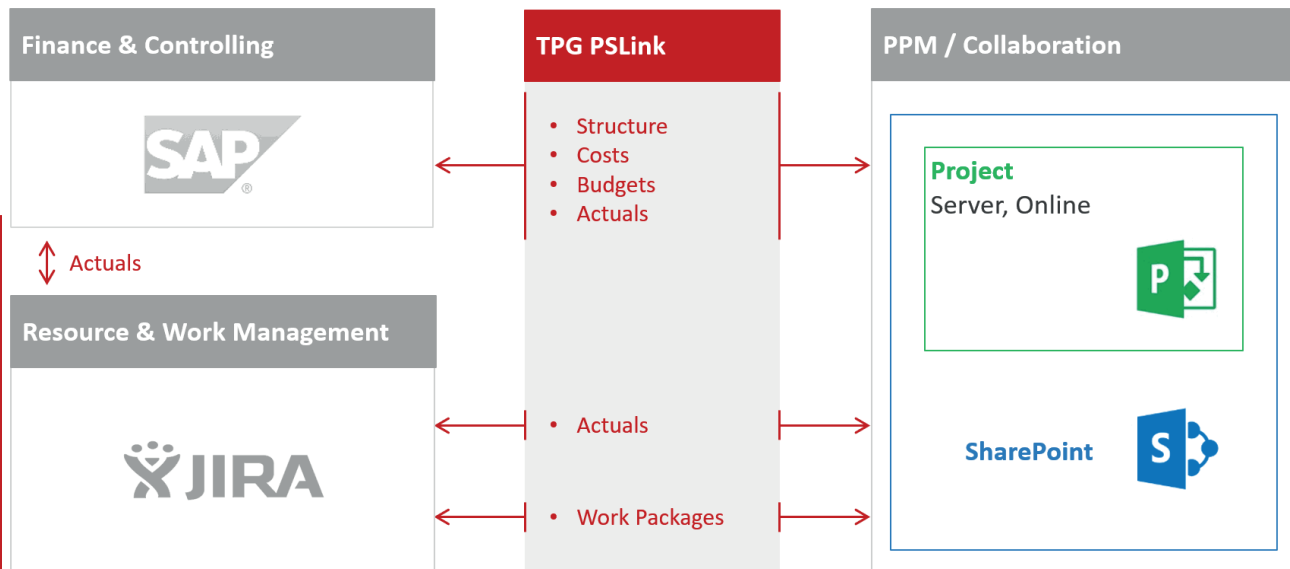


# JIRA Integration

Multi-directional data sharing between JIRA and PM- / ERP-Systems



COMPATIBILITY: Atlassian JIRA

Many companies have a major need for integration to enable data to be shared between JIRA and project management tools like Microsoft Project Server (PPM), as well as ERP systems like SAP.

The first of these cases is based on detailing the project's work packages (e.g. sprints) in JIRA. From the organizational perspective, this requires an interface between project managers on the one side, and team leaders, SCRUM masters, development teams and product owners on the other.

In the second case, ERP integration mainly consists of entering the amount of actual work performed and charging it accordingly. This is illustrated by the following three use cases and many others could be envisaged.



## USE CASE 1:

### Integration of JIRA with Microsoft Project

- ▶ In this scenario, the portfolio and project management activities are being carried out in Microsoft Project Server or Project Online. The projects are planned down to the level of work packages (often called sprints in JIRA).
- ▶ Using TPG PSLink, it is possible to transfer work packages to JIRA and use them automatically organized as versions, epics /or issues.
- ▶ The development team leader, the SCRUM master and the product owner are now able to plan in more detail based on the imported structure. They can use all the JIRA tools, including workflows, scrum boards and work logs (for time reporting) for granular planning and progress monitoring.
- ▶ The progress of the individual work packages is synchronized regularly with Microsoft Project Server. As a result, this information is always up to date, facilitating the project manager's work.

## SYNCHRONIZATION OF INFORMATION FROM JIRA

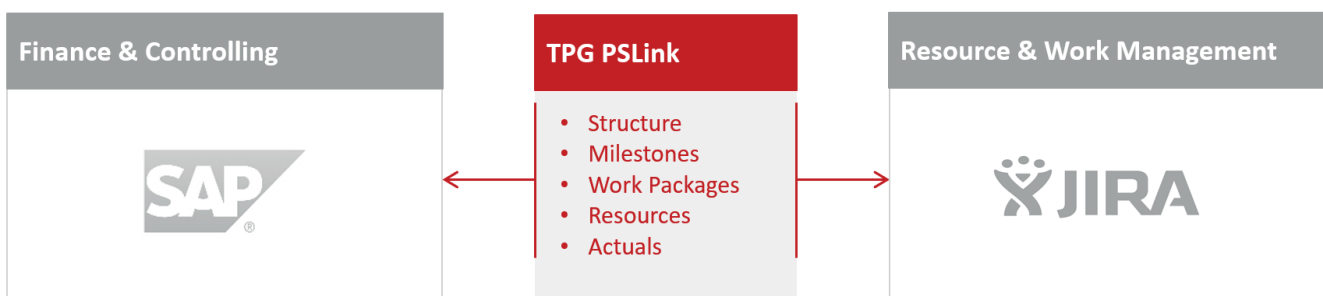
Due to comprehensive configuration options and checking mechanisms TPG PSLink® ensures the consistency of the data being shared across all the systems involved.

JIRA Objects	Data Sharing
Epics	- Create, read, update, delete - All fields
Issues	- Create, read, update, delete - All fields
Work-Logs	- Read (update actions possible)

### USE CASE 2:

#### Integration of JIRA with SAP

- ▶ If the portfolio and project management work is being carried out in an ERP system like SAP, the integration scenario will be similar to that described in use case 1 above.
- ▶ In other words, the rough planning is carried out in SAP PS or PPM, while JIRA is used for the detailed planning and execution of the work packages.
- ▶ A further important point here is timesheet synchronization, which is managed by transferring the work logs from JIRA to SAP CATS or to SAP for cost allocation.



### USE CASE 3:

#### Integration of JIRA, SAP, SharePoint, MS Project

In most cases, the integration will cover several different systems. It often includes:

- ▶ The use of SAP for budget planning and cost allocation
  - ▶ Microsoft Project Server and SharePoint for portfolio and project management as well as for centralized time tracking
  - ▶ JIRA for sprint planning, task management, issue tracking, workflow management and status monitoring.
- The integration enables the following data sharing processes:
- ▶ **SAP <> Microsoft PPM / SharePoint:** structures, costs, budgets
  - ▶ **Microsoft PPM / SharePoint <> JIRA:** work packages to versions / epics / issues
  - ▶ **SAP <> Microsoft PPM <> JIRA:** booking of JIRA work logs and Microsoft Project reports to SAP CATS or to SAP for cost allocation

#### Benefits of JIRA integration using TPG PSLink:

- ▶ All staff work with the system that is best for their role (= high level of acceptance)
- ▶ Up-to-date information facilitates decision-making for team leaders, product owners, project managers, financial controllers and management
- ▶ No need to enter the same data several times
- ▶ Data consistency across all the systems involved
- ▶ Basis for meaningful reports
- ▶ Can be adapted to individual processes

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