

Gantt - Calculating task periods based on assignee's working days



Calculate tasks period based on assignee's working days

i Please note, that calculating tasks period based on assignee's working days applies only to the tasks that are not parent tasks in WBS structure. The reason for such a limitation is that parent tasks can be automatically recalculated based on its children periods which may be in contradiction with working days of a resource assigned to the task.

i Individual nonworking days will be visible only after a task is selected.

If an option "Calculate tasks based on assignee's working days" in [Global configuration - Task configuration](#) is switched on, a system calculates task period based on assignee's working days and ignores global Working schedule. Such a scheduling is executed according to the following rules:

1. App checks working days of assignee (individual resource) that allow assignee to complete the task based on:
 - a. resource's Holiday, Workload and Absence plans,
 - b. task start date,
 - c. task duration.
2. App calculates a correct start date of the task:
 - a. in case a task start date is a non-working day, system finds the earliest possible working day that comes after task start date.
3. App calculates a correct end date of the task:
 - a. system checks consecutively assignee's working days that fits task duration until task can be fully completed.

In case system cannot determine correct task period because assignee has no working days in the future, system falls back to global Working schedule to determine task period (the same way as if task is unassigned).