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

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).