

Setup of working time models

Each employee should be assigned a working time model. This sets out on which days an employee works, which days have to be deducted when planning leave, which break times must be taken into account, and which checks have to be made to determine if employees are working overtime or undertime, or whether they start or end working on time.

Employees who share the same working conditions can be assigned a collective working time model. Part-time employees, who, for example, only work on four instead of five days a week, need to be allocated their own working time models.

There are various selection options for **working time models** in the **Setup** application.

- Flexitime
- Fixed working hours
- Manual planning: weekly configuration of working time including start and end times or just the working hours; working time always has to be recorded by employees
- Manual planning with recurring times

Create working time models that are relevant for your company by clicking on [blocked URL](#).

Create new entry

Name *

Company *

Please select

Industry template

Please select

Department

Please select

Cost Center

Please select

Category *

Please select

Valid from

Valid to

Tolerance before beginning of working time

Tolerance at the beginning of working hours, within which the employee is considered punctual

Tolerance after start of working time

Tolerance at the end of working hours within which the employee is considered punctual

Tolerance before end of working time

Tolerance to the total working time within which the employee is considered punctual

Tolerance after end of working time

Tolerance before total working time

Tolerance after total working time

Tolerance Overtime

If overtime occurs within the tolerance, it is not reported as overtime. If the working time exceeds the tolerance limit, the system calculates the total overtime (without deducting the tolerance).

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The time within the selected time period between a posting of the end of work and a new posting of the start of work is automatically posted as a break. If this non-working time (break) does not correspond to the defined minimum break length, it is increased to the stored value.

Time span for automatic break booking

The booked start time is overwritten with the configured start time. Example: Employee logs in 30 minutes before the start of working time, but then the working time only counts from the start.

Ignore deviation before beginning ☐

Working times may be recorded retroactively ☐

Break times may be recorded retroactively ☐

Working times must be approved ☐

Overtime must be approved ☐

Save Cancel

Enter a name for the working time model, assign it to a company, and under “Category” select one from the four possible options for working time models that is suitable for your company. You can also define a working time model for individual departments or cost centres.

Category *

Please select

Valid from

Valid to

Please select

Fixed working hours

Flexitime

Manual Planning

Manual planning with recurring period

For the **Flexitime** model, the working hours for each day should be set. Start and end times are not relevant. In this case, a check cannot be made to establish if an employee started working on time. Overtime or undertime will be recorded and can be compensated for within a specific framework.

For the **Fixed working hours** model, start and end times have to be set. Employees do not need to capture working times within this fixed time frame, but only the working hours that are outside of this period.

The **Manual planning** model is the most flexible working time model. Working times can vary from week to week. Either start and end times or just the working hours can be set. The hours worked must always be recorded by the employees. Punctuality can only be checked (if a start time is defined) if a plan for each week has been completed.

The **Manual planning with recurring period** model is based on the “Manual planning” model, but it is a bit less flexible. You can use this model if you have fixed working hours (no flexitime) but when there are not as many changes between working days or weeks that you would need a completely manual planning scheme.

You can set a validity period for the model using the “Valid from” (mandatory) and “Valid to” fields. Then, configure as many weeks as required (e.g. 2 different weeks in case of a biweekly changing model). These weekly changing working hours are then valid for the period you defined, or until further notice if no specification has been made.

The major advantage over the “Manual planning” model is that, the working time model is maintained continuously in this case and the weekly working hours do not have to be copied manually. Hence, absences are always recorded correctly and do not depend on how the working time model is maintained. All other settings such as tolerances can also be set in this model.

However, the advantage of the manual planning model is that it is more flexible and, in theory, can be configured differently every day. In such a case, the weeks have to be copied manually beforehand so that the recording of employees’ working times and absences can be calculated and checks can be carried out correctly.


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Break times

Breaks can be configured to be booked manually by employees or to be deducted automatically. For example, if a lunch break should not be less than one hour, the checkbox **is the minimum break duration** has to be selected. This way, no less than one hour can be booked as a break if an employee makes a manual booking.

Break length	By working time	book automatically	is minimum break time
01:00	04:00	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Working times

The working hours for a working time model can be defined using .

For the **Flexitime** as well as the **Fixed working hours** models, set the working hours or the start and end times for each working day.

Create new entry

Day of the week *

Work from

Work until

Working hours *

Save

Cancel


Since for the **Manual planning** model, the working hours for each week can vary, they must be re-entered for each working week.

Working hours			
Year: 2019	Working week: 40 (Oct 6, 2019 - Oct 12, 2019)		
Day of the week	Work from	Work until	Working hours
Monday Oct 6, 2019	08:00	16:00	07:00
Tuesday Oct 7, 2019	08:00	16:00	07:00
Wednesday Oct 8, 2019	08:00	16:00	07:00
Thursday Oct 9, 2019	08:00	16:00	07:00
Friday Oct 10, 2019	08:00	16:00	07:00
Saturday Oct 11, 2019	08:00	12:00	04:00
Total week 40			39:00

Working hours for calendar week 40

This process is simplified thanks to a copy function that can also transfer several weeks, e.g. once a week or twice a week, into the future. You can copy the week or weeks selected to the following period



by using . Please note that for recording periods of absence, it is necessary that the weeks are planned accordingly so that the correct number of working days are deducted.

Tolerance period

You can define a tolerance period during which time an employee is considered as being on time at the start, at the end or for the entire working time for the **Fixed working hours** and **Manual Planning** models. Setting a tolerance period is not necessary for a **Flexitime** model because employees have some leeway for starting and ending their working time. Tolerance periods can be set when creating or editing a working time model.

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The 'Create new entry' dialog box contains the following fields and text:

- Tolerance at the beginning of working hours, within which the employee is considered punctual**
- Tolerance before beginning of working time: [input field]
- Tolerance after start of working time: [input field]
- Tolerance at the end of working hours within which the employee is considered punctual**
- Tolerance before end of working time: [input field]
- Tolerance after end of working time: [input field]
- Tolerance to the total working time within which the employee is considered punctual**
- Tolerance before total working time: [input field]
- Tolerance after total working time: [input field]
- If overtime occurs within the tolerance, it is not reported as overtime. If the working time exceeds the tolerance limit, the system calculates the total overtime (without deducting the tolerance).
- Tolerance Overtime: [input field]
- The booked start time is overwritten with the configured start time. Example: Employee logs in 30 minutes before the start of working time, but then the working time only counts from the start.
- Buttons: Save, Cancel

The tolerances have to be set in minutes. There are options for setting tolerance periods before and after the start or before and after the end of the working period. Alternatively, tolerance periods can be set before or after the entire working time.

Moreover, a tolerance period for overtime can be defined. It should be noted, however, that overtime within a tolerance period is not booked as overtime. If the working time exceeds the tolerance limit, the entire period of overtime is calculated (without deducting the tolerance period).

It is also possible to ignore deviations before the start, allow retroactive entry of working times, and allow retroactive entry of break times by selecting the corresponding checkboxes.

By selecting "Ignore deviation before start", working hours booked before the set starting time are ignored. For example, if an employee has to start working at 8 a.m. (start of work as configured in the working time model), but clocks in at 7.45 a.m., working hours are only recorded from 8 a.m. if "Ignore deviation before start" has been selected. However, the 15 minutes recorded before the start are captured and displayed in the time recording overview.

Interruption of work period for automatic break bookings

Enter a time span for the interruption of work between two periods of working time that will be used for automatic break bookings as long as this time span is not exceeded. If an interruption of work resulting from a manual time booking is shorter than the set interruption of work period, the difference between the booked time and the set interruption of work period will be booked as a break.

The system also checks whether a minimum break duration is defined in the working time model. If this is the case, a break that is automatically booked but shorter than the value defined as the minimum break duration is extended, and thus, the working time is reduced.

The form shows the following:

- Create a time span for the interruption of working time between two work shifts for an automatic posting of breaks in case of a shortfall. If the defined interruption of working time is undercut by a manual time posting, the difference between the posted time and the defined interruption of working time is posted as a break.
- Period of interruption of working time for automatic break booking: h:mm a [input field]

Example 1 with the following settings

Setting for "Interruption of work period for automatic break bookings": 2 hours
no minimum break duration

Booking:

8 a.m. – 12 p.m. work
12.30 p.m. – 6 p.m. work

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Automatically generated entry:

8 a.m. – 12 p.m. work

12 p.m. – 12.30 p.m. break

12.30 p.m. – 6 p.m. Work

The time between the two periods of work is automatically recorded as a break, because the time span between 12 p.m. and 12.30 p.m. is less than 2 hours.

Example 2 with the following settings

Setting for “Interruption of work period for automatic break bookings”: 2 hours

minimum break duration: 1 hour

Booking:

8 a.m. – 12 p.m. work

12.30 p.m. – 6 p.m. work

Automatically generated entry:

8 a.m. – 12 p.m. work

12 p.m. – 1 p.m. break

1 p.m. – 6 p.m. work


The time between the two periods of work is automatically recorded as a break, because the time span between 12 p.m. and 12.30 p.m. is less than 2 hours. The time span between the two periods of work recorded was less than the minimum break duration and therefore, the second period of work recorded was shortened by the 30 minutes that were not booked as a break.





Overview

You can see all the settings for your working time model at a glance by clicking on the model. Break and working times as well as the employees assigned to this model will also be displayed. Furthermore, in the "Details" pane, all other settings can be viewed:

[illegible]



In the **Time recording** tile, an overview of all employees' adherence to working times will be shown every day. If employees do not book their working times, then their time records are highlighted in red. If the times booked are outside of the tolerance period, the entry is displayed in red letters.


Time recording

Employees Overview
Time recording overview
Terminal downtime

Protektische
Day: 9/24/21

Stafname	First Name	Personal Number	Company	Cost Center	Department	Type	Working time mode - start	End	Working time mode - start	End	Working time mode - start	End	Comment	Project	Action
Adam	Adam	PR017	00001	3000	IT							00:00			
Andree	Andree	PR018	00001	4000	Sales							00:00	00:00		
Baumwollschneiderei		PR017	00001	1000	IT							00:00			
Boss	Boss	PR017	00001	2000	Management							00:00	00:00		
Byrne	Byrne	PR018	00001	2000	Human Resources							00:00			
Carter	Carl	PR016	00001				Week 09.21	11:42				00:00			
							Week 11.21	15:42				00:00			
Falkenberg	Marlene	PR016	00001	2000	Human Resources							00:00			
Gies	Robert	PR017	00001	3000	Production							00:00	00:00		
Gies	Robert	PR016	00001	3000	Production			07:30			16:45	00:00	00:00		
Gies	Robert	PR016	00001	3000	Human Resources							00:00	00:00		

On 17/09/2019, only Neff Comer booked his working times. Neff Comer booked the beginning of his working time within the set tolerance period.

Contract amendment

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If there is a major change in the working time model, e.g. from 5 days a week to 3, a new contract should be created for the employee in question. If several employees have been assigned to the working time model, but not all are affected by the change, a new working time model should be created for the corresponding employees. The **Valid from** date should correspond to the start date of the new contract. This way, a change relevant to an employee's contract is documented. For more information on how to create a new contract, see [Contract amendment](#).

In the **Setup** application, you can create a working time model for your company/companies, individual departments or cost centres.

The working time model has to be assigned to employees in their corresponding **Employee file**, provided that no restrictions have been made for the working time model. For example, if you have defined a working time model that is only valid for a certain department, then the relevant employees in this department are automatically assigned to the working time model.