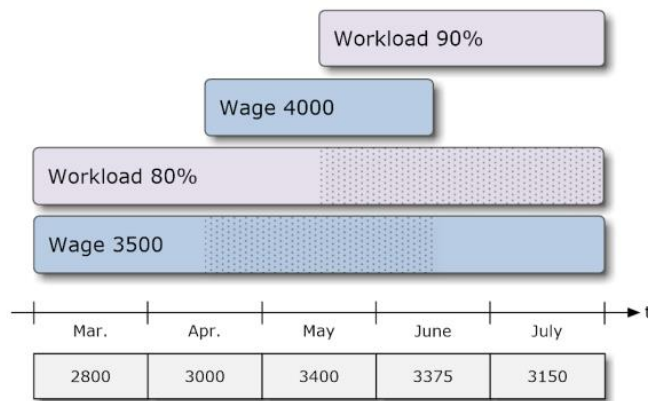


Wage calculation with time values



Reduce the complexity of wage calculation thanks to time values

One of the biggest challenges for payroll service providers is the adaptation of real business data to the legally required wage information. This involves structuring the data resulting from business cases and converting it to the calendar period of the wage period. In addition to various interpretations of the wage calendar, multiple and retroactive mutations further increase the complexity of wage calculation.

The *Payroll Engine* solves this problem with time values derived from business case data. Based on the creation date and the validity period of a case value, it is projected to the wage period.

In the wage run, the payroll calendar is used to convert case data into time values. In addition to predefined wage calendars (number of monthly days, 30 month days method, weekly cycles), custom calendar rules are also possible.

In addition to adapting the case data with the payroll calendar, the case data is used to automate the allocation of two or more time values. If the data of the illustrated example is used in the formula $Wage * Workload$, the *Payroll Engine* automatically recognizes the relevant mutations and calculates the period value based on the required subdivisions. This also works for special cases when, as in the example, wage and workload change within a wage period.

Since the wage data is dynamically determined by the case data, there is no need to duplicate monthly and annual wage data on the time axis. With the ability to retroactively change any wage-related value, employee events reported too late no longer affect the wage run. With the scheduling (valid from) and containment (from/to) of the wage data change, employee management is facilitated. In combination with the forecast, various wage and insurance scenarios can be simulated.

The wage calculation with time values leads to simpler and understandable wage definitions and relieves the payroll service provider in time-critical and complex work processes. It is time for wage calculation to become contemporary.