

Scaling the Payroll

Payroll scaling criteria

- ✓ Wage model
- ✓ Runtime control
- ✓ Service Integration
- ✓ Development Kit

Criteria for recognizing a payroll application that is capable of growth

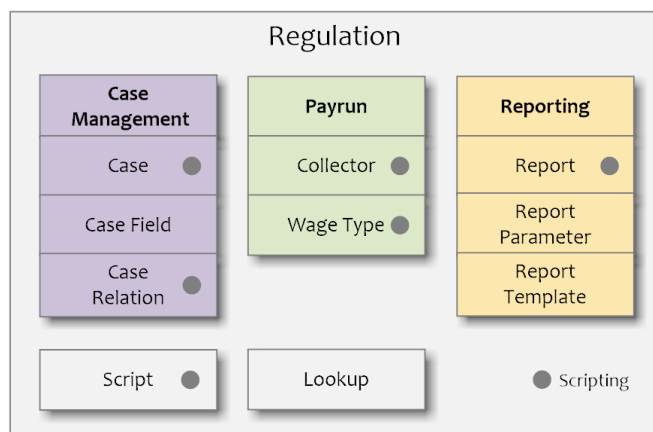
For payroll managers and large enterprises, the following scaling criteria are critical when selecting a payroll application:

- Variable payroll model
- Control of runtime behavior
- Integration of software services
- Development tools

Let's take a look at these points below using the *Payroll Engine* API Payroll Calculator as an example.

Variable payroll model

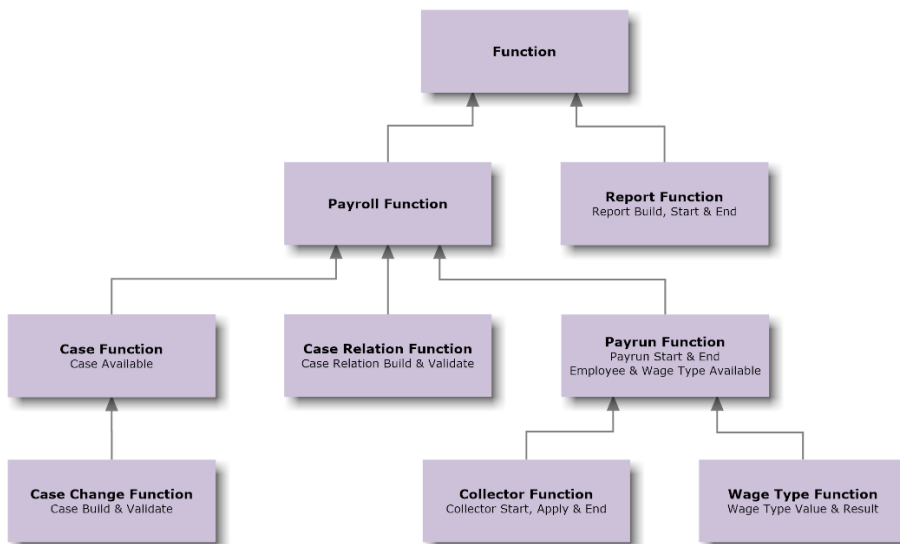
Wage components can be determined and adjusted as desired. The *Payroll Engine* regulation contains the wage model with the use cases (input), the wage calculation in the wage run (collectors and wage types), as well as the evaluations and reports.



Control runtime behavior

In order to dynamically influence the program flow, e.g. the calculation of the wage type in the wage run, further connection points are necessary. This scaling criterion is particularly important for cloud applications, as centralized processing places higher demands on security and performance.

The *Payroll Engine* offers with the Scripting API a special interface to control the runtime behavior. Scripts ([C# programming](#)) are used, for example, to validate user input or to determine the formula of a wage type. Thereby all work data (master data, case data and wage data) are available in different functions.

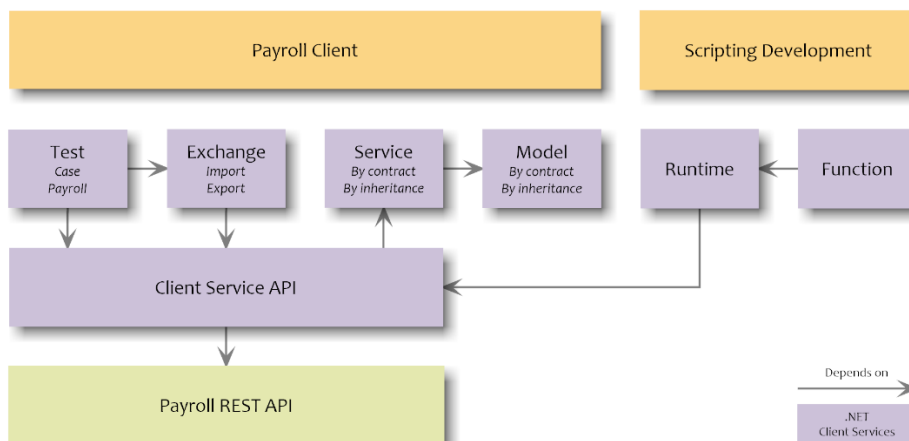


Integration of software services

External services can be integrated via [Webhooks](#) during case entries, payroll processing or the creation of reports. Examples are the verification of bank and insurance numbers or the conversion of a currency amount.

Development tools

For payroll developers, the *Payroll Engine* offers runtime components ([NuGet](#)) to execute and analyze ([Debugging](#)) payroll processes in the local development environment.



In this development mode, data queries continue to be made on the Payroll REST API, eliminating the need to prepare additional test data.

By covering these criteria, the *Payroll Engine* significantly supports payroll service providers in scaling their business models.