

Resources

To make the availability of **resources** a prerequisite for job submission, Entire System Server functionality can be used.

Resources have to be defined in the System Administrator Services before they can be specified as prerequisites for a job. The user can define and modify any number of resources to regulate the job flow. Resources prevent jobs from running in parallel if all other prerequisites (e.g. time windows or logical conditions) are fulfilled.

For a detailed description of the resource concept, please see the section Resources in the Entire Operations User's Guide.

In our example of the payroll department job network (Job Network with Logical Conditions), we could prevent **Job 6** (Generate Personnel Report) and **Job 7** (Generate Pay Slips) from running in parallel by defining a resource (e.g. **CPU time**) with an initial quantity of **100**, and defining this resource for each job with a required value of **60**. The jobs will then run sequentially.