# Datasheet
## Fujitsu Software BS2000
## PCS Version 21.0

FUJITSU

Performance Control Subsystem

## Topics

### Product characteristic

FUJITSU Software BS2000 PCS distributes the work performed by the resources of a computer system amongst the various categories and tasks in accordance with user requirements (e.g. response time / throughput optimization).

This makes for:

- efficient use of the configuration, even when the load is complex and varying,
- automatic recognition of situations in which the operating behavior deviates from predefined criteria,
- automatic initiation of measures to keep the operating behavior at its optimum.

### Functional description

- Categorizing of loads:

  Placing the loads in categories (up to 16), according to their characteristics.

- Allocation of resources:

  - Allocation of the service to the categories in accordance with the system administrator's specifications,
  - Graduated handling of the categories in concurrent situations,
  - Preferential treatment of a task within a category on the basis of priority information.

- Influencing the response time behavior by specifying dilation factors.

- Transparency for the system administrator:

  Possible by means of SHOW command information on current service allocation and parameter sets used.

## Program Description

PCS controls the load by means of parameter sets. PCS offers the system administrator an interface via which these parameter sets can be defined. This interface consists of

- the utility program PCSDEFINE for the production, manipulation and listing of these PCS parameter sets and
- some system commands for the operation of the active PCS.

The end user can differentiate his resource request by specifying a job class and a priority (if this is allowed by the system administrator).

Operation of PCS comprises the following steps:

- The system administrator uses a standard parameter set or defines one of his own.

- The operator starts PCS and assigns this parameter set.

- The system administrator and operator can have data on the status of PCS displayed on the console at any time.

- The system administrator and operator can modify PCS parameters during operation or deactivate PCS entirely.

- In a current system with PCS can be intervened in conflict situations with the command /MOVE-TASK-TO- CATEGORY without PCS restart.

- When PCS is deactivated, PRIOR is automatically switched to.

# Technical Details

| Requirements | |
|---|---|
| **Technical Requirements Hardware** | BS2000 Business Server |
| **Technical Requirements Software** | BS2000 OS DX V1.0 |
| **User Requirements** | Knowledge of system administration and system control |

| Installation | |
|---|---|
| **Operating Mode** | Interactive and batch mode |
| **Implementation Language** | Assembler, SPL |
| **User Interface** | Menu-driven in the PCSDEFINE utility routine or<br>Commands English<br>Message texts English/German (optional) |
| **Installation** | By the user as per the release notice |

| Documentation and Training | |
|---|---|
| **Documentation** | PCS User Guide<br>Manuals |
| **Training** | See course offer (German) at:<br>Courses |

| Purchase and Delivery | |
|---|---|
| **Conditions** | This software product can be purchased by the custo¬mer against a single payment or leased in accordance with the conditions for the use of software products. |
| **Order and Delivery** | This software product may be obtained from your local Fujitsu Technology Solutions GmbH regional office. |

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