

# Cross-System Planning Situation (CA-BFA)



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## Icons

Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax
	Tip

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## Cross-System Planning Situation (CA-BFA)

### Use

You can use this business process when you have maintained a material in several systems, that is to say cross-client, and wish to evaluate the planning for this material on a cross-system basis.

The evaluation shows the planning situation based on the data in the stock/requirements lists in the systems involved. You can design the display of the planning situation using an individual user layout and, for example, display information on MRP elements, production orders, purchase orders, sales orders, reservations, and warehouse stocks.

You can only process an MRP element in the system in which it is available as the original. Processing directly from the planning situation is not possible.

If necessary, the business process can be used in the company in combination with distributed Sales & Operations Planning (SOP).

### Integration

Functions in the central SAP system:

- Creation and maintenance of master data for the relevant material
- Definition of the logical system and the required layout of the evaluation in Customizing
- Creation of planned independent requirements and customer requirements for the material
- Start of the evaluation

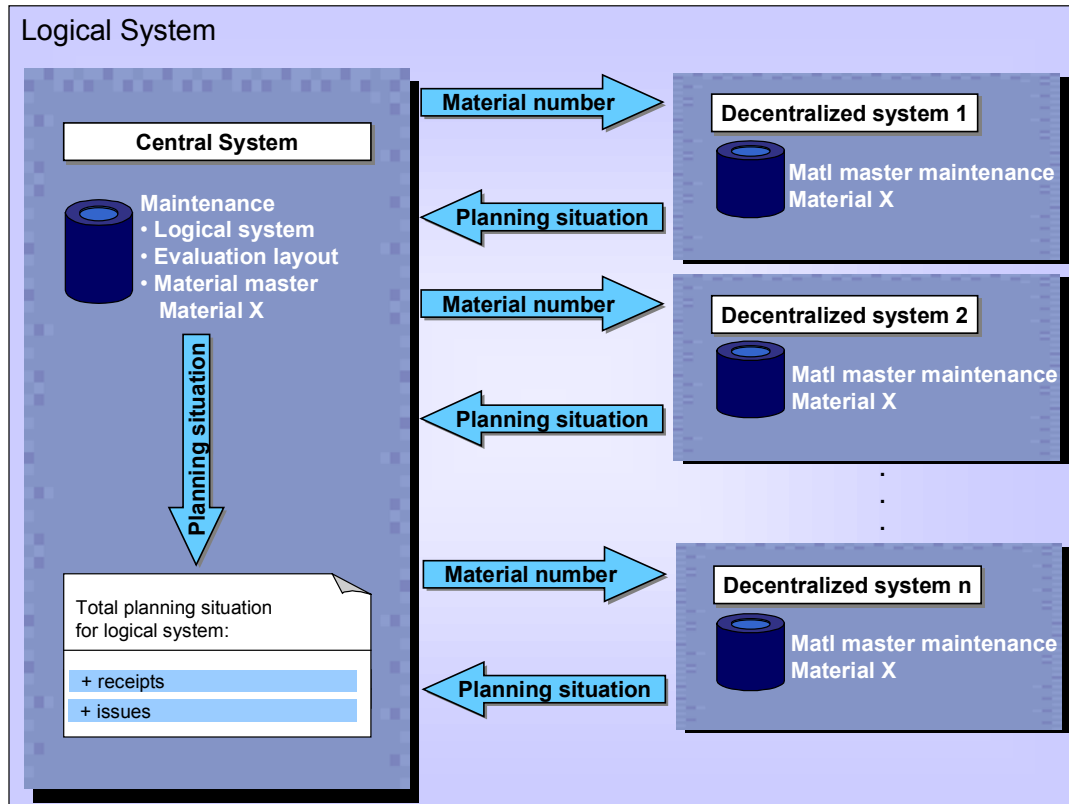
Functions in the decentralized SAP systems:

- Creation and maintenance of master data for the relevant material
- Creation of planned independent requirements and customer requirements for the material
- Start of the evaluation

## Data Flow



Cross-System Planning Situation (CA-BFA)



All system involved must be maintained within a logical system by the user. The user can then start the evaluation from the SAP system in which the logical system is maintained (central system). The system sequentially checks whether the data for the specified material exists in another plant in the logical system. If this is the case, the data form the last MRP run is sent to the called SAP system by a Remote Function Call (RFC), and this system then displays the cross-system planning situation in the user-defined layout.



## Procedure: Cross-System Planning Situation

### Purpose

This process describes how you evaluate the MRP run for a material that is maintained in several systems, which means cross-group.

### Prerequisites

- You have given your plants unique descriptions across all systems
- It is known which plant is managed in which system in your customer model
- You have set the authorization to display MRP in all the systems involved

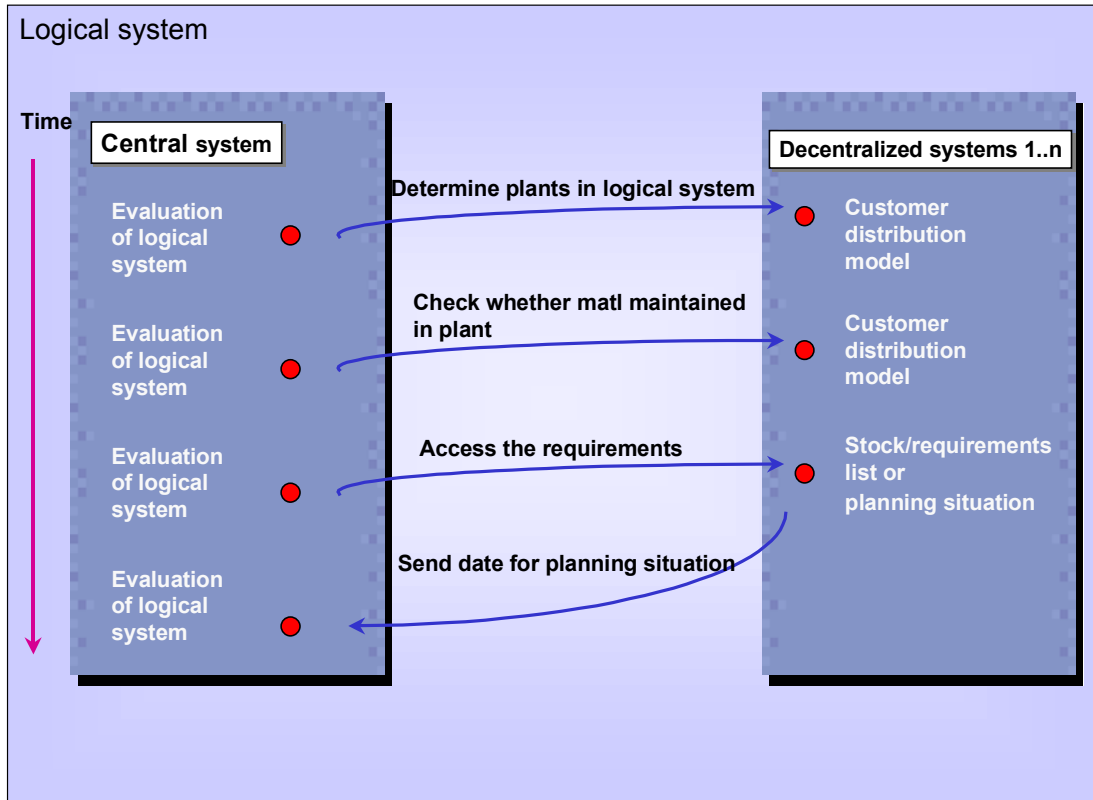
### Customizing

- In Customizing, you have created a layout that defines which information is displayed in which hierarchy. You create the layout using the Customizing menu path Production → Master Planning → Master Production Scheduling → Evaluation → Define Layout
- You have set up a logical system in Customizing and assigned the dummy message type PRODPL to the logical partner system in the partner profile. This assignment is used to determine the target system and to transfer the data by means of synchronized RFC.
  - You define the logical system under *Basic Components → Distribution (ALE) → Sending and Receiving Systems → Define Logical System*.
  - You define the partner profile under *Basic Components → Distribution (ALE) → Modelling and Implementing Business Processes → Partner Profiles and Time of Processing*.

### Process flow

1. When you start the evaluation, the system uses the customer distribution model to check which plants are in which logical SAP System.
2. The system checks in each plant whether the material involved exists. When this is the case, the MRP data required is requested by means of synchronized Remote Function Calls (RFCs).
3. If the system that is calling cannot access the required information (when no access authorization exists, for example), it logs an error, which you can display.
4. The planning situation is displayed on the screen. The report contains all MRP elements that are defined in the specified evaluation layout, for example production orders, purchase orders, sales orders, reservations, and warehouse stocks.

Procedure: Cross-System Planning Situation



## Evaluate the Cross-System Planning Situation

1. To carry out the evaluation for a master schedule item, from the MPS menu, choose *Evaluations* → *Situat. - all plants*.

To carry out the evaluation for a different material, from the Material Requirements Planning menu, choose *Evaluations* → *Situat. - all plants*.

The *Cross-Plant Evaluation* initial screen appears.

2. Enter the name of the material that you wish to display the planning situation for.
3. Choose an evaluation layout.
4. Select the *Distributed systems* indicator and choose *Enter* twice.
5. The system carries out the cross-system evaluation for all plants and then displays the overview screen of the chosen evaluation layout. The overview screen consists of a header and the evaluation matrix.
6. Click the desired MRP element to expand or collapse the display of the aggregation level.
7. Choose *Back* to exit the evaluation.