# Configuration Guide (CRP)

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# Content

# 1 Overview

This configuration guide documents the configuration settings for the **Consulting Solution CRP**. The individual areas refer to the user documentation in which the respective scenario is described in detail. Therefore, you should also refer to the user documentation for a complete picture of the functions.

# 2 Role Concept and Authorization

Authorizations can be used to control which of the available roles can be displayed and used. You use transaction `/SAPLOM/CRP_CAUT` to define whether the authorization check is active generally.

The authorization check can be activated with an 'X' in the *Switch* field.



**Change View "Switch for enabling authorization checks in CRP Monitor":**

New Entries

Switch for enabling authorization checks in CRP Mo...

| Description | Switch |
| --- | --- |
| AUTHORIZATION | |

Activation of Authorization Check

In this case, users are only offered roles on the **CRP** selection screen for which they have the corresponding authorization.
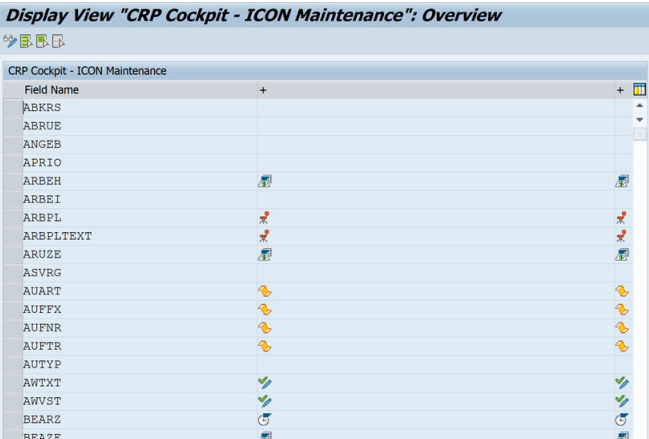
The authorization is controlled by the authorization object `/SAPLOM/C1`. The following characteristics are checked:

- CRP_ALL All roles
- CRP_BACKC Backlog view
- CRP_CAPPC Capacity planning table view
- CRP_CAPUC Capacity evaluation/tabular capacity planning table view
- CRP_CAPUD Capacity evaluation/tabular planning table (cannot be changed) view
- CRP_EXECC Execution view
- CRP_EXECD Execution view (cannot be changed)
- CRP_EXECDC Execution view (cannot be changed, confirmations only)

When you use the authorization check, the customer must use the authorization object `/SAPLOM/C1` in the role concept.

# 3 Maintenance of Icon Table for Object Filter

In this Customizing activity, you can specify which icons are to be displayed for the object filter on the Capacity Evaluation/Tabular Planning Table tab. You use transaction `/SAPLOM/CRP_SCUST` to access the maintenance area.



Icon Maintenance

# 4 Jump to Other Transactions from the Capacity Detail View

From the capacity detail view (*Capacity Evaluation/Tabular Planning Table* tab), you can navigate to other transactions.

You can use the maintainable database table `/SAPLOM/CRP_ICON` to control the target transaction for branching. This table includes columns for the field name (`FIELDNAME`) and transaction code (`TCODE`). You can also adjust the icons in the table. These icons are used to create the two tree structures on the left of the screen and are dependent on the field name.

To maintain the table, enter a transaction code to which you want to branch for a specific field that exists in the pegged requirement table.



### Display View "CRP Cockpit - ICON Maintenance": Overview

**CRP Cockpit - ICON Maintenance**

| Field Name | Transaction Code |
| --- | --- |
| ABKRS | |
| ABRUE | XX00 |
| ANGEB | S |
| APRIO | XX00 |
| ARBEH | |
| ARBEI | |
| ARBPL | CR02 |
| ARBPLTEXT | CR02 |
| ARUZE | XX00 |
| ASVRG | |
| AUART | XX00 |
| AUFFX | MD12 |
| AUFNR | XX00 |
| AUFTR | XX00 |
| AUTYP | XX00 |
| AWTXT | |
| AWVST | |
| BEARZ | XX00 |
| BEAZE | XX00 |
| BEDARF | |
| BED_EINH | |
| BUKRS | |

Transaction Calls

If you enter a value of "XX00", this means that the system performs a check of the order type for the corresponding field. Depending on the order type and the order number, the system then branches to the transactions `CO02/03`, `MD12/13`, `IW32/IW33`, and so on. For this function to work correctly, a corresponding value must exist in the field <AUTYP> in the table row of the pegged requirement.

For each jump to a transaction, the parameter ID values must be set for all columns, if these values are available. For example, if you call a transaction that has <Material> and <Plant> as the initial fields, it can be assumed that the navigation works by skipping the first screen. This is in part because of the <Material> and <Plant> fields that exist in the pegged requirement table and also because of the automatic setting of parameter IDs for all columns.

# 5 Maintenance of Delivery Restrictions for Sales Order View

You can use transaction `/SAPLOM/XSR_SUPRES` to maintain delivery restrictions for the vendor check on the sales order view.



Maintenance of Vendor Restrictions

Maintenance is always performed at the product group level per plant and vendor for a specific time period. The period indicator determines the bucket size to which the specified maximum quantity relates. Possible bucket sizes are weeks or months. If you specify a period indicator for a key entry, this period indicator applies for all further entries with the same key. If you make entries with overlapping validities, the system adjusts the existing entries and informs you of the adjustment.

# 6 Availability Check Sales Order View

You can use table `/SAPLOM/CRPJ_SPR` to define the conditions for the traffic light colors during the availability check of the sales order view.
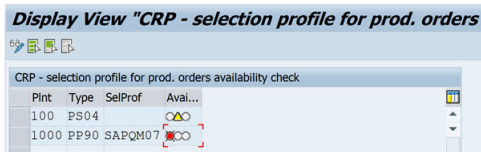


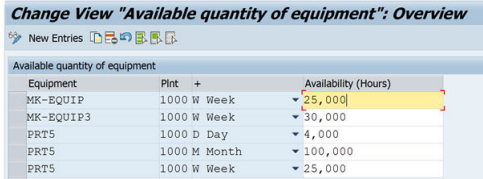Availability Check Sales Order View

You can define a traffic light color for each order type, plant, and status selection profile. The check is based on the status conditions in the status selection profile (you define status selection profiles using transaction `BS42`). This enables you to define any status conditions for the availability check in principle.

# 7 Network Check Sales Order View

In table `/SAPLOM/CRPJ_SPR` the network check can also be configured based on a status selection profile. However, an additional date check is implemented here, which checks whether the relevant network end date has already been reached or exceeded. If this is not the case, the system does not execute the network check in accordance with the table `/SAPLOM/CRPJ_SPR` and displays a green traffic light directly.

# 8 Maintenance of Available Equipment Capacity

You use transaction `SM30` (extended table maintenance) to maintain the available capacity of an item of equipment per period (day/week/month) in table `/SAPLOM/X_EQ_CAP`. Depending on the period selected (day/week/month), the system displays the corresponding equipment availability ("Availability" column in the table `SAPLOM/X_EQ_CAP`) for each period line in the "Available Capacity" column of the *Equipment Load* view.
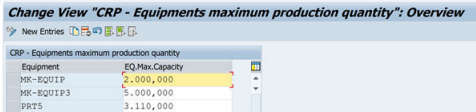


Maintenance of Equipment Availability

# 9 Maintenance of Equipment Lifetime

The total capacity (in the unit of measure of the material produced) is maintained for each piece of equipment in the table `/SAPLOM/CRP_AEQM`.



**Maintenance of Maximum Capacity of Equipment in Unit of Measure**

# 10  Set Chart Templates as User Parameters

A saved chart template can be set as the default setting for one or more users. To enable this, the parameter `/SAPLOM/X_CHART` is maintained in the user master record with a specific combination of the namespace, sequence number, and the name of the template. The compound parameter is created from the fixed namespace `'/SAPLOM/CRP'` + counter + template name in each case. You can view the counter of a stored template by choosing the *Show Chart* button.
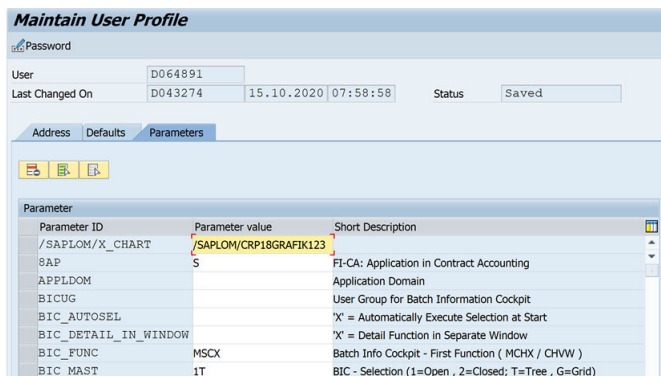


Chart Template as User Parameter

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