FO100R.MBR

Path: NXCLOUD/rpgsrc/FO100R.MBR **Generated**: 2026-01-08 12:06:16 **Processing Time**: 12537ms

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Business Logic for Registrering av tilbud/ordre

This document outlines the business rules that govern the process of registering offers/orders, based on an analysis of the RPG program FO100R. The primary focus is on the validation and processing of customer orders and offers.

The core logic for order registration is contained within the init_b1bld subroutine in FO100R. This subroutine initializes the order entry screen, handles user inputs, and validates the entered data against various business rules.

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Order Status and Header Rules

Registrering av tilbud/ordre: ORDRE-HODE-REGISTER, KUNDE-REGISTER, ORDRE-LINJE-REGISTER

1. Krav til rekvisisjon

•**Logic:** If a customer requires a requisition and it is not provided, the process will block the order registration.

•**File:** KUNDE-REGISTER (Customer information)

•**Field:** rekvisisjon

•**Condition:** "The process will not allow registration if rekvisisjon is blank."

2. Kredittsperre

•**Logic:** Orders can be registered even if the customer has a credit hold, but a warning will be issued.

•**File:** KUNDE-REGISTER

•**Field:** kredittsperre

•**Condition:** "The process allows registration if kredittsperre is set but will issue a warning."

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Configuration and Authorization Rules

1. Ordretype

•**Logic:** The system checks that the specified order type has a system code of 0 (Sales/Ofak).

•**File:** ORDRE-TYPE-REGISTER

•**Field:** ordertype

•**Condition:** "The process will not proceed if ordertype does not equal 0."

2. Endre kunde

•**Logic:** If the customer has been changed, the system will prompt for confirmation and may require recalculation of prices.

•**File:** KUNDE-REGISTER

•**Field:** kunde

•**Condition:** "If the customer changes, a prompt will ask if prices should be recalculated."

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Financial and Transactional Rules

1. Kredittgrense

•**Logic:** If the customer's credit limit is exceeded, the system will block the order unless overridden by a specific condition.

•**File:** KUNDE-REGISTER

•**Fields:**

•kredittgrense (Credit limit)

•saldo (Current balance)

•**Condition:** "The process will block registration if saldo exceeds kredittgrense."

2. Rabatt

•**Logic:** Discounts can be applied based on customer agreements, and the system checks if the discount exceeds predefined limits.

•**File:** ORDRE-LINJE-REGISTER

•**Field:** rabatt

•**Condition:** "The process will not allow discounts that exceed the allowed percentage."

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Special Conditions (Program-Specific)

1. Endring av pakkseddel (FO100R)

•**Logic:** Users are blocked from changing the packing slip if the order is already in a specific processing state.

•**File:** ORDRE-HODE-REGISTER

•**Field:** pakkseddel

•**Condition:** "The process will block changes if the order is in a state that does not allow modifications."

2. Oppretting av ny kunde (FO100R)

•**Logic:** Users must have authorization to create new customers, and the system checks against predefined rules.

•**File:** KUNDE-REGISTER

•**Field:** kunde

•**Condition:** "The process will block customer creation if the user lacks the necessary permissions."

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Subprogram Calls Affecting Logic

Beyond direct file checks, several external subprograms are called that play a significant role in the workflow.

1. FO101R (Order Header Maintenance)

•**Trigger:** Called when maintaining order header information.

•**Logic:** Updates order header details based on user input.

•**Impact:** "This call is essential for ensuring that order header data is accurate and up-to-date."

2. FO730R (Order Calculation)

•**Trigger:** Called during the finalization of an order to recalculate totals.

•**Logic:** Recalculates order totals based on line item changes.

•**Impact:** "This is a critical step for ensuring that the final order amount reflects any changes made."

3. AA005R (User Notification)

•**Trigger:** Called to notify users of errors or warnings.

•**Logic:** Displays messages to users based on specific conditions.

•**Impact:** "This call enhances user experience by providing immediate feedback on their actions."

This documentation serves as a comprehensive guide to the business logic implemented in the FO100R program, detailing the rules and processes that govern order registration and management.