

FI-GLX Validations and Substitutions

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Introduction

Overview

With FI-GLX's validations and substitutions software, you can validate and/or substitute data at the time of entry--to the FI-GLX System and other SAP Systems.

You do not need to change the standard SAP System to customize your validations and substitutions. For each installation, you can define exactly which validations and substitutions are necessary to ensure the integrity of your data.

This section contains the following topics:

What are Validations?

What are Substitutions?

Boolean Logic Statements and Rules

Boolean Classes

Overview of Validations/Substitutions

Conversion to Release 2.1A

What are Validations?

In the SAP System, almost all input values are validated by a program or against tables or master files. Since some types of validations cannot be standardized, you can use FI-GLX's validations program to create validations for your system.

With validations, you can check values and combinations of values as they are being entered in the R/3 environment. Validation rules are stored in the Rule Manager; as data is being entered, the Rule Manager validates the data against the validation rules. Because validation occurs before data is posted, only valid information is posted to the FI-GLX System.

Many values that you enter into the SAP System are automatically checked against standard validation rules.

Example:

The system validates account numbers against a master file or checks that a ledger is assigned to an FI-GLX company code.

You use FI-GLX validations when you want to create a user-defined Boolean statement to validate an entry in a way that is not defined for the standard system. FI-GLX validations allows you to create your own Boolean statements without making any changes to the standard system.

A validation can consist of up to 999 steps. Therefore, you can validate data against any number of Boolean statements before the data is posted.

A validation step contains the following two statements:

- **Prerequisite statement:** The prerequisite statement determines if the entered value(s) should be validated. If the prerequisite statement is false, then the value is valid and the transaction continues.
- **Check statement:** The check statement determines if the entered value(s) are valid. If the check statement is true, then the value is valid and the transaction continues. If the check statement is false, then the system displays a message.

You define prerequisite and check statements using Boolean Logic. You can define simple statements, or you can create complex statements by using rules and sets as part of the Boolean Logic statement.

Some examples of user-defined validations are shown in the following table:

Examples of User-Defined Validations

Prerequisite Statement	Check Statement
If the account is a revenue account	then only sales centers can be posted.
If the currency is U.S. dollar, and the cost center is 9	then the business area must be 2 and plant must be 10.
If the user is contained in set RGUSER-02, and the currency is in set RGCUR-02	then the account must be in set RGACCT-02.
If the user and the currency are contained in the multi-dimension set USERCUR-02.	then the account must be in set RGACCT-05.

The following figure shows the interaction of FI-GLX validations with values entering the SAP System.

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