What does GR-BASED IV indicator mean

Purpose

This page provides information about the GR-based IV indicator, which can be found in the purchase orders, on the item level, in the invoice tab.

Overview

First you can find general information about how this indicator works, then the specific effects on MSEG and EKBE tables will be explained.

General Information

The field GR-Bsd IV (Goods-Receipt-Based Invoice Verification - EKPO-WEBRE) can be found under the ‘Invoice’ tab in transaction ME21N/ME22N/ME23N.

It can be defaulted from the vendor master (XK03/MK03 transactions) or from the Info Record.

This PO flag indicates that the Invoice can be only posted for a correspondent goods receipt. It is not possible to post an invoice if there is not a previous reception.

This indicator only affects the “goods” (the ordered material that we receive), but not the delivery costs or any other additional condition.

Effects on MSEG and EKBE

When the “GR-Based IV” indicator (EKPO-WEBRE) is set in the purchase order item, individual goods receipts are differentiated. The system builds a link between the documents: With this indicator you are able to identify which specific posting you are invoicing when you create an invoice in MIRO or which specific posting you are reversing when you post return deliveries.

If you flag the indicator EKPO-WEBRE in your purchase order item, the system will work as follows:

A purchase order for 100 KG is created.

- A partial reception (movement 101) for 10 KG is created with reference to the Purchase Order. The system creates the Material document 5000000001 2015 item 1. This material document is the reference document for the corresponding GR/IR assignment group. The system updates the reference fields in MSEG (LFBJA, LFBNR and LFPOS) and in EKBE with the data of this Material document.


- The previous 101 is cancelled. New Material document 5000000002 2015 item 1 is created. Since this posting has been created with reference to the previous posting (cancellation of the material document 5000000001), it forms part of the same GR/IR assignment group as the movement 101. This new document has also as reference fields in MSEG and in EKBE:


- A new partial reception (movement 101) for 10 KG is created with reference to the Purchase Order. New Material document 5000000003 2015 item 1 is created. This material document has not been created with reference to the previous postings, but referencing the purchase order. This document creates a new (second) GR/IR assignment group and updates MSEG and EKBE with its own data:


You can see these groups in ME23N, in the PO History, selecting the view GR/IR assignment.

They are managed independently of each other, so we have:

1st GR/IR assignment group: 10 KG posted; 10 KG reversed.

2nd GR/IR assignment group: 10 KG posted.

Related Documents

Related SAP Notes/KBAs

SAP Note 1969463 - Update of Reference Fields MSEG-LFBJA, MSEG-LFBNR and MSEG-LFPOS