

- Fiscal Year Variant
- Posting Period Variant
- Open/Close Period for Material Master Records

Configuration

Business Scenario

- The company wants to configure its fiscal year periods from January – December for both UK and US companies
- The company wants four special periods for postings as the part of year-end closing
- The Business Users want that the current period should be opened only for the transactional postings while the last period should be closed
- The **SAP S/4HANA Sourcing and Procurement** Users want to know how they can open/close periods for Material master records

Variant Principle

- **3-step method** used in SAP to assign particular properties to one or more objects
 - Step 1: Define the variant
 - Step 2: Determine values for the variant
 - Step 3: Assign the variant to the objects
- **Types of Variants:**
 - Fiscal Year Variant, Posting Period Variant, Chart of Accounts, Field Status Variant, Screen Variant are created by following the 3-step method of variant principle
- **Advantage for using variants:**
 - It is easier to maintain properties which are common among several business objects

Fiscal Year Variant

- Created on the basis of Variant principle. Identified by 2-digit alphanumeric key
- **Transaction Code:** OB29
- **Menu path:** Display IMG -> Financial Accounting -> Financial Accounting Global Settings -> Ledgers -> Fiscal Year and Posting Periods

Fiscal Year Variant

- Special periods are used for postings for year-end closing. A special period is a posting period which is used to divide the last regular posting period for closing operations
- The fiscal year can be defined as year-independent and year-specific
 - **Year-independent:**
 - The number and start and end dates for the periods are the same for every year.
 - Year-independent can be defined as Calendar year (Templates: 01, K0, K1, K2, K3, K4) and Non-calendar year
 - Non-calendar used +1 or -1 indicator to represent the periods of year

Fiscal Year Variant

- **Year-specific:**
 - Periods can vary from year to year:
 - For example, if the start and end date of the posting periods differ from year to year
 - A Shortened fiscal year
 - Templates: AA, AM, RI, UL, WK
 - Table: T009 can be viewed through T-code: SE16N to display the list of information

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Posting Period Variant

- It is denoted by 4-digit numeric key; Its Table is T010O which can be viewed through SE16N
- **Transaction codes:**
 - Define the variant: **T-code: OBBO**
 - Define Open and Close Posting Periods: **T-code: OB52**
 - Assign the company code(s) to the posting period variant: **T-code: OBBP**
- **Menu path:** Display IMG -> Financial Accounting -> Financial Accounting Global Settings -> Ledgers -> Fiscal Year and Posting Periods

Posting Period Variant

- It is useful in opening/closing posting periods for more than one company codes at one time. You define one posting period variant and can assign it to various company codes
- In order to prevent postings into the wrong period, we can close all the periods except the current one. During month-end closing, you can close the current period and open the next one
- During year-end closing, you open the special periods and also make sure that two period intervals must be open at the same time e.g., In the last Period 12, open the special periods as Interval 1 and open first two periods for the new fiscal year as Interval 2



Posting Period Variant

- Posting periods can be handled differently for different account types
- The **account type** “+” must be open for all the periods that are supposed to be open for all other account types
- The **first interval** in the Posting periods specifies the 12 normal periods
- The **second interval** in the Posting periods specifies the 4 special periods
- The **third interval** in the Posting periods specifies the open and closed posting periods for postings from Controlling to Financial Accounting
- The **Authorization Group** is used to allow specific Users to post in a period/periods. In other words, it is used to open a period for specific Users



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SAP S/4HANA Sourcing and Procurement / Materials Management (MM)

- Open/Close Period for Material Master Records

- **To set the current period for MM**

- **Transaction code:** OMSY – Materials Management View on Company Codes
- **Menu path:** Display IMG -> Logistics - General -> Material Master -> Basic Settings -> Maintain Company Codes for Materials Management

- **To open the previous period in MM**

- **Transaction code:** MMRV – Allow Posting to Previous Period
- **Menu path:** SAP Easy Access -> Logistics -> Materials Management -> Material Master -> Other -> Allow Posting to Previous Period

- **Close Period for Material Master Records**

- **Transaction code:** MMPV – Close Period for Material Master Records
- **Menu path:** SAP Easy Access -> Logistics -> Materials Management -> Material Master -> Other -> Close Period