

# SAP PM – Create Functional Location in SAP

## How to create functional location in SAP PM

In this activity, you create a functional location in SAP PM. A functional location is a SAP technical object, upon which information can be stored and maintenance can be carried out. The requirements for a functional location comes from the necessity to have equipment associated with sites for maintenance planning.

Functional locations should be installed in a hierarchy level. The user creating the functional location manually assigns functional location labels using the relevant structure code.

### Prerequisites

- Define plant
- Define division
- Define business area

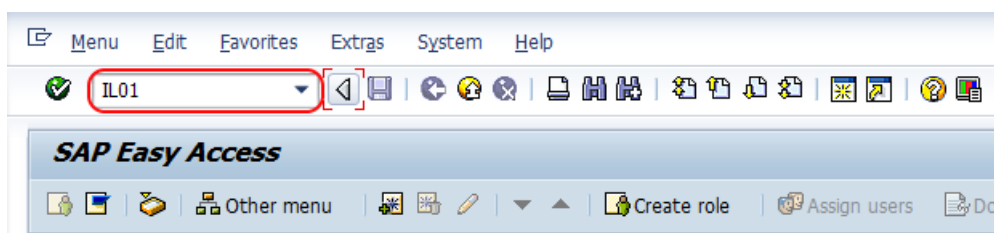
### Navigation

Transaction code	IL01
SAP Menu Path	Logistics > Plant Maintenance > Management of technical objects >Functional location > Create

### Configuration steps

Perform the following configuration steps to create the functional location in SAP.

**Step 1 :** – Execute t-code “IL01” in command field from SAP easy access screen.



**Step 2 :** – On create functional location initial screen, update the following details.

- **FunctLocCat :** – Enter the functional location key based on the edit mask hierarchy structure.
- **StrIndicator :** – The structure indicator defines the type of hierarchy structure of the numbering system for the type of functional location.
- **Copy from :** – You can also create functional location by choose existing functional location.

After updating the correct structure indicator and functional location category, press enter to continue.

The screenshot displays the 'Create Functional Location: Initial Screen' in SAP. The interface includes a top header with the title and a URL. Below the header, there is a main content area with several input fields and tabs. A red rectangle highlights the 'Functional Loc.' field, which contains the value 'TKBL-PRD-PM-02'. Other fields include 'Edit mask' (XXXX-XXX-AA-MN), 'HierLevels' (1, 2, 3, 4), 'Labeling system' (A, IDES AG), 'StrIndicator' (A, Structure A), and 'FunctLocCat.' (M, Technical system - standard). Below these fields, there are two tabs: 'Copy from' and 'Default value for superior functional location'. The 'Copy from' tab has fields for 'FunctLocation' and 'RefLocation'. The 'Default value for superior functional location' tab has fields for 'SupFunctLoc.' and 'Description'. Each of these tabs has a small icon to its right.

Functional Loc.	TKBL-PRD-PM-02
Edit mask	XXXX-XXX-AA-MN
HierLevels	1 2 3 4
Labeling system	A IDES AG
StrIndicator	A Structure A
FunctLocCat.	M Technical system - standard

Copy from	
FunctLocation	
RefLocation	

Default value for superior functional location	
SupFunctLoc.	
Description	

**Step 3 :** – On Create Functional location: master data screen, choose general tab and update the following details.

- Description : -Update the descriptive text of functional location in SAP.
- General data : -Under general data, update the all the required details of Size/Dimension, Reference data (Acquisition date) and manufacturer data.
- Object type : Object type as functional location can be a production location, or it can be a machine or any longer assembly line, where which part can be designed as a separate location. So you can choose type of sort functional location that is being created.

**Create Functional Location: Master Data**

Classification Measuring points/counters Data origin...

Functional loc. TKBL-PRD-PM-02 Cat. M Technical system - st...

Description TKS Functional Location Area

Status CRTE

**General** Location Organization Structure Partner

**General data**

Class

Object type 512 DIESEL GENERATORS

AuthorizGroup

Weight 0,000 Size/dimension

Inventory no. Start-up date

Shift Note Type

Report Type

**Reference data**

AcquistnValue Acquisition date

**Manufacturer data**

Manufacturer ManufCountry

Model number Constr.yr/mth /

ManufPartNo.

ManufSerialNo.

**Step 4 :** – Choose the location tab and update the following details.

- MaintPlant : – Update the **maintaining planning plant** key for an functional location.
- Work Center : – **Work center** is defined that any activity done in this functional location will be done by this resource.

**Create Functional Location: Master Data**

Classification Measuring points/counters Data origin...

Functional loc. TKBL-PRD-PM-02 Cat. M Technical system - st...

Description TKS Functional Location Area

Status CRTE

General **Location** Organization Structure Partner

**Location data**

MaintPlant TKBL TKBL - Bangalore Plant

Location

Room

Plant section

Work center TKWC TK Work Center Tool

ABC indic.

Sort field

**Address**

Name

Street

Location

Telephone Fax

**Step 5 :** Choose organization tab and update the required details like business area, cost center, WBS elements, planner group, planning plant, responsibilities, etc.

**Create Functional Location: Master Data**

Classification Measuring points/counters Data origin...

Functional loc. TKBL-PRD-PM-02 Cat. M Technical system - st...

Description TKS Functional Location Area

Status CRTE

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General Location **Organization** Structure Partner

**Account assignment**

Company Code TK01 TK Software Limited Bangalore

Business Area TK10 Bangalore Business Area

Asset /

Cost Center / TK01

WBS Element

StandgOrder

SettlementOrder

**Responsibilities**

Planning plant TKBL TKBL - Bangalore Plant

Planner group 100 Planner Group 100 080987432

Main WorkCtr /

Catalog profile

**Create Functional Location: Master Data**

Classification Measuring points/counters Data origin...

Functional loc. TKBL-PRD-PM-02 Cat. M Technical system - st...

Description TKS Functional Location Area

Status CRTE

General Location Organization Structure Partner

**Structuring**

StrIndicator A Structure A

SupFunctLoc.

Description

Position

RefLocation

Description

InstallSpecs ☒ Equi-installation allwd ☐ Single installation

ConstType

**Equipment**

Pos.	Equipment	Sb-Eq	Description	EqmtType	Mfr
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			

Successfully we have created functional location in SAP PM.

✓ Functional location TKBL-PRD-PM-02 created

## SAP PM

» SAP PM Tutorial

## SAP PM - Enterprise Structure

» SAP PM - Define Company

» SAP PM - Define Company Code

» SAP PM - Assign company to company code

» SAP PM - Define Plant

» SAP PM - Assign Plant to Company code

» SAP PM - Maintain Maintenance Planning Plant

» SAP PM - Maintenance Planner group

» SAP PM - Define Purchase Organization

» SAP PM - Assign Purchase organization to Plant

» SAP PM - Define Purchase group

↳ SAP PM - Define Purchase group

↳ SAP PM - Storage Location

## SAP PM - Master Data

↳ SAP PM - Create Factory Calendar

↳ SAP PM - Create Work Centers

↳ SAP PM - Types of Technical Objects

↳ SAP PM - Attributes for material type

↳ SAP PM - Define Material Groups

↳ SAP PM - Maintain company code for MM

↳ SAP PM - Material Master Record

## SAP PM - Functional Locations

↳ SAP PM - Define Structure Indicator

↳ SAP PM - Create Functional location

## SAP PM - Equipment

↳ SAP PM - Create Equipment

↳ SAP PM - Create Equipment Task List

↳ SAP PM - Measurement Documents

## SAP PM - Measuring Points

↳ SAP PM - Create Measuring Point

## SAP PM - Maintenance Planning

↳ SAP PM - Maintenance Strategy

↳ SAP PM - Create cycle sets

↳ SAP PM - Configure Order Types

↳ SAP PM - Assign Order Types to Planning Plant

↳ SAP PM - Single cycle maintenance plan

## SAP TCodes

↳ SAP TCodes

↳ SAP PM TCodes