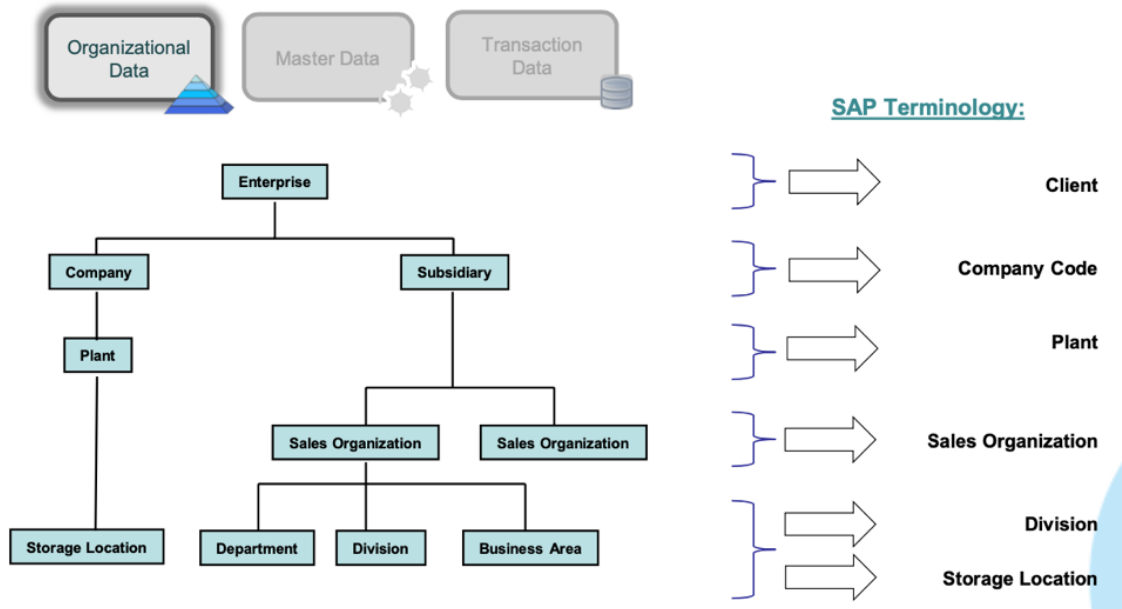


Unit 3: System-Wide Concepts

Master Data, Organizational Data

Different Data Types in ERP Systems

- ❖ **Organizational Data:** company codes, plants, storage location, distribution channel, purchasing, organization...



SPRO TRANSACTION → This is the SAP Transaction to configure the SAP System

SPRO allows to use the IMG (Implementation Guide) to customize SAP to the real Company requirements

SPRO / IMG Customizing – Example of New Company Definition

NEW COMPANY CREATION

- ❖ **Master Data:** person, material, customer, vendor, work center...

Stored for a long time and seldom changed.

Represented logically grouped data like:

- Customer Master
- Material Master
- Vendor Master
- General Ledger accounts

- ❖ **Transaction Data:** purchase order, invoice, quotation, sales order, transportation order...

Transaction data is the system record of business event.

Depending on the business event, different master data and organizational data will be referenced

For example, during a sales order business event, the following data is stored

- ✓ Organizational level: client, company code, sales organization
- ✓ Master data: customer, material, pricing (condition)
- ✓ Situational data: date, time, person, amount

Documents

After a business transaction execution, a record of the business transaction can take place generating documents which includes all relevant predefined information from the master data and organizational entities.

Examples:

- Sales Document
- Purchasing Document
- Material Document
- Accounting Document data is the system record of business event.

Workbench, Customizing

SAP Workbench

- It is a set of tools that are used for the development, testing and execution of ABAP Programs.
- It includes classical ABAP objects and Object-oriented programming.
- Development is done using transaction SE80.

Development: Dictionary, Class Builder, Screen Painter, Menu Painter, Package Builder, ABAP Editor...

Context Development: Text Elements, Variants, Messages, Transactions...

Web and others: Web Dynpro ABAP, Screen Design...

SE80 Transactions allows to access to the Workbench tools for development purposes.

SAP Customizing

- It is the general configuration of the SAP System based on the company requirements.
- In the backend, this configuration is done through transaction SPRO.
- When using SPRO transaction, the IMG (Implementation Guide) is displayed in the system.

SPRO TRANSACTION → This is the SAP Transaction to configure the SAP System.

SPRO allows to use the IMG (Implementation Guide) to customize SAP to the real Company requirements.

Development and Enhancements

SAP Development

SE80 TRANSACTION:

- SAP Standard Programs start by S
- SAP allows to create custom programs
- starting by Z or Y
- SAP Guarantees that new releases will always respect programs created with Z/Y code naming