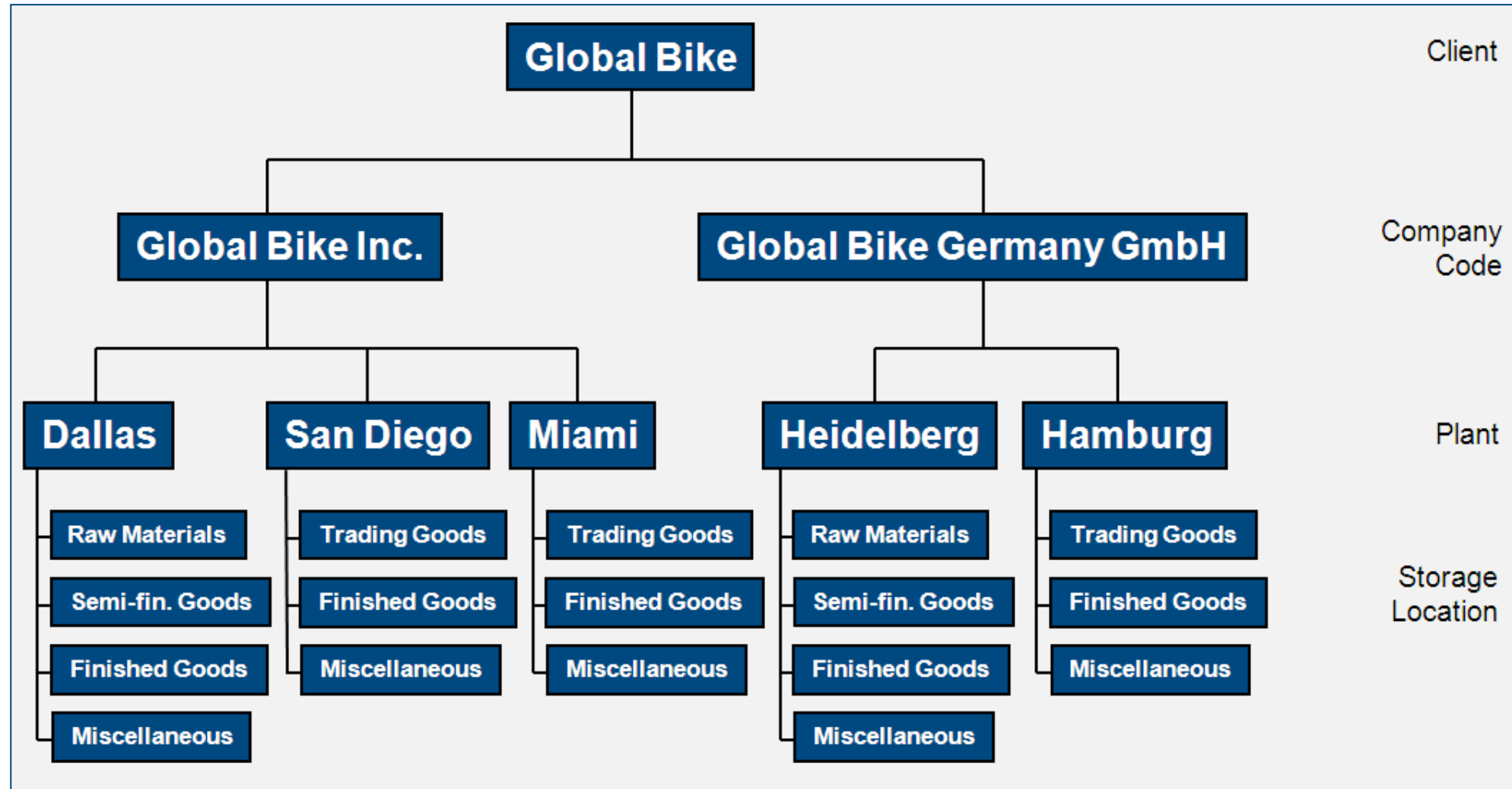


SAP S/4HANA Configuration

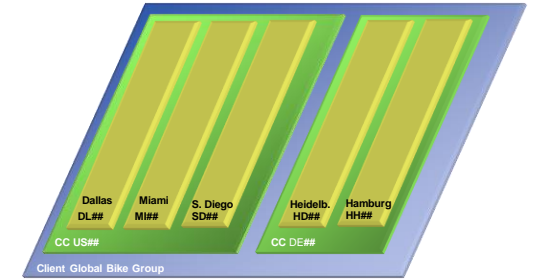
Phase II - Procurement

Enterprise Structure – Materials Management



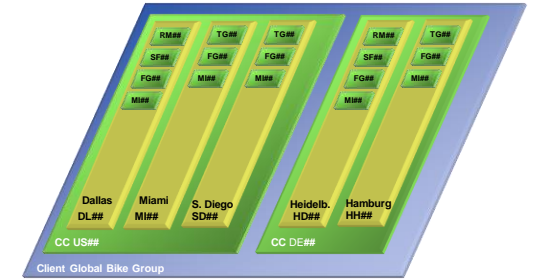
Plant

- Many definitions or uses. A location
 - That holds valued stock (for distribution)
 - Where production planning is carried out
 - Where products and services are created
 - That contains service or maintenance facilities
- Where work is performed
 - Office, store, factory, warehouse, distribution center
- Can be assigned to one company code only
- A company can have many plants
- In this context: five plants at Global Bike
- Identified by a four-digit alphanumeric ID, e.g. DL00



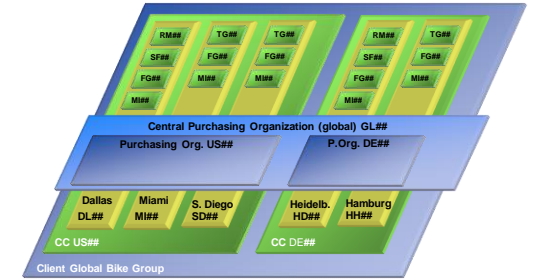
Storage Location

- A place in a plant where materials are stored
 - Areas designated for different types of material (raw material, work-in-process, finished goods)
 - Does not have to be physical, can be logical
 - More sophisticated divisions including storage bins, cabinets, trays is part of warehouse management
- A plant must have at least one storage location
- A storage location is assigned to a single plant
 - Storage locations in different plants can have the same name
 - Finished Goods FG00 in MI00, FG00 in DL00
- In this context: various storage location types at Global Bike
- Identified by a four-digit alphanumeric ID, e.g. FG00



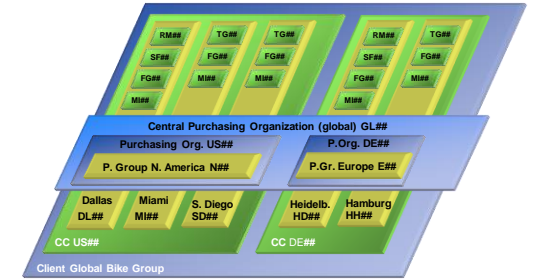
Purchasing Organization

- Identify and select vendors
- Negotiate general conditions of purchase and contracts for one or more plants or companies.
- Determine pricing conditions
- Typically three models for Purchasing Organization
 - Enterprise-Level (assigned to plant)
 - Company-Level (assigned to plant and one company code) ← used in Global Bike
 - Plant-Level (assigned to plant and its company code)
 - Hybrid
- In this context: three purchasing organizations at Global Bike
- Identified by a four-digit alphanumeric ID, e.g. US00

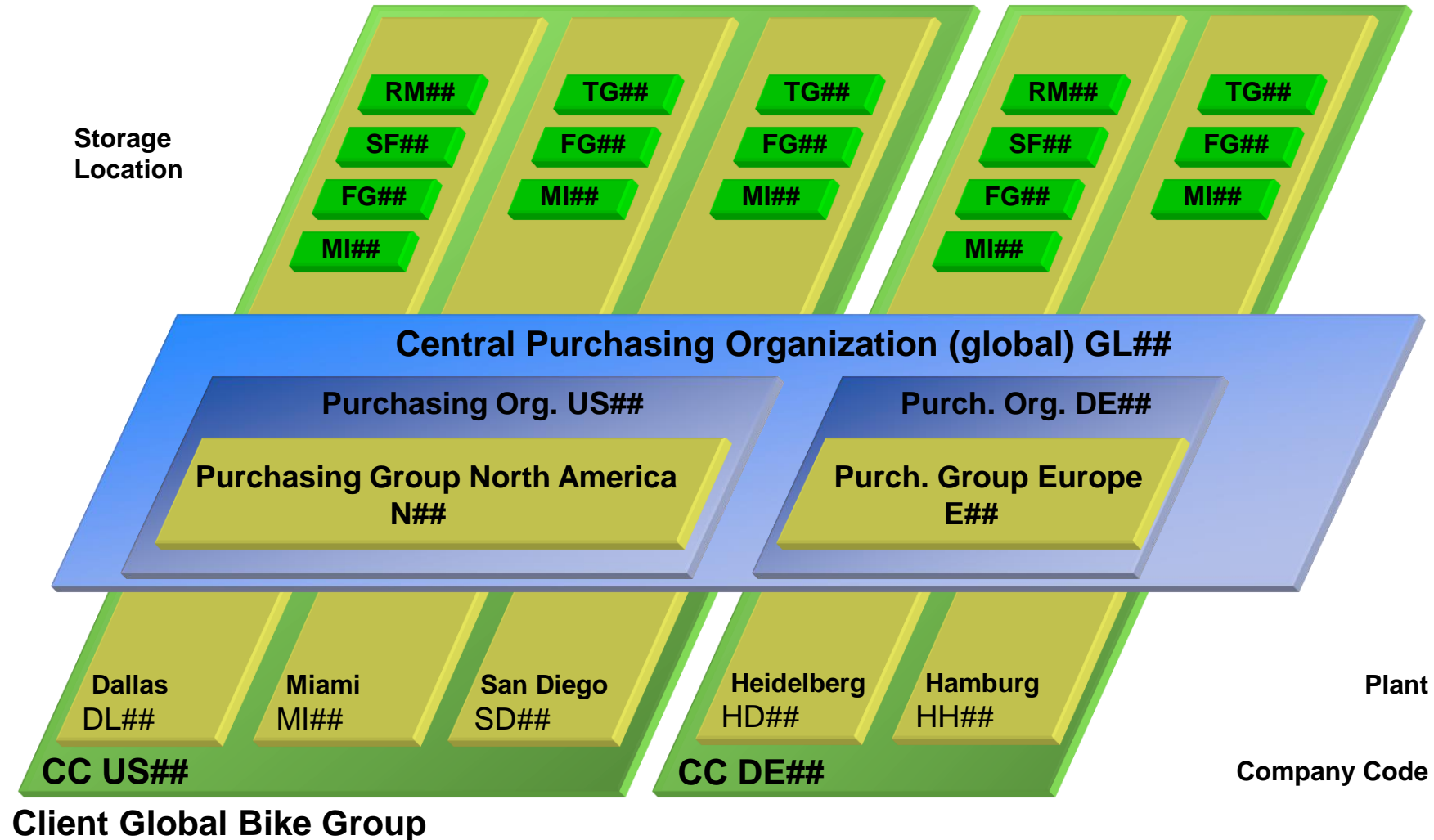


Purchasing Group

- A buyer or group of buyers responsible for certain materials or groups of materials
- Can be internal to the company or external
 - Decide to purchase land, but use a realtor (external purchasing group) to execute the purchase
- Not assigned to or related to purchasing organization
- In this context: two groups: North America and Europe
- Identified by a three-digit alphanumeric ID, e.g. N00



Enterprise Structure SAP S/4HANA



Material Master Data

- Data needed to execute transactions related to materials
- Data are grouped by different user / functional areas (views)
 - Basic data
 - Purchasing
 - Accounting
 - Forecasting
 - Sales
 - Plant / Storage
 - Work Scheduling
 - MRP
 - Classification
 - Warehouse Management

Material Master Data

- Material master data are defined for specific organizational levels
- Can have different data for different combinations of Org data
 - Purchasing: Plant, storage location
 - Sales: Sales Area (Sales Org, Distribution Channel)
 - Warehouse: Warehouse #, storage type
- Example:
 - SHRT1000 + MI00+ TG00
 - SHRT1000 + SD00+ TG00
 - SHRT1000 + US00 + Wholesale channel
 - SHRT1000 + US00 + Internet channel

Vendor Master Data

- Data needed to do business with vendors
- Data needed to execute transactions related to vendors
- Data are specific to (defined for) different organizational levels.
- The three segments are:
 - Client level data (General)
 - Company code level data (Accounting)
 - Purchasing organization level data (Purchasing)

Purchasing Info Records

- Relates vendors and materials
- One info record per combination of vendor and material (or material group)
 - General data
 - Conditions: pricing, discounts, free goods (current and future)
 - Vendor data
 - Texts (notes)

Purchasing Info Records

Spy Gear
Vendor 100006

Info record
5300000816

Vendor: 100006
Material: SHRT1000
Purchasing org: US00

Planned delivery time: 4 days

Conditions

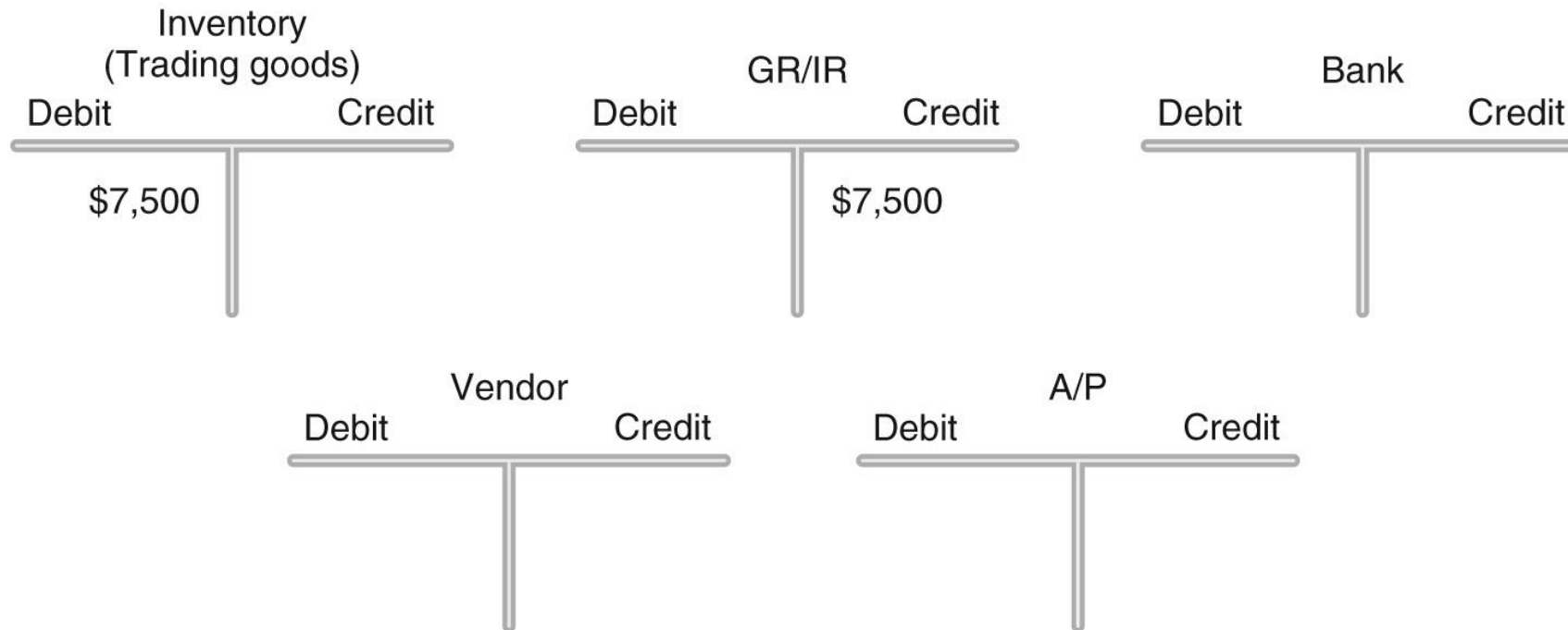
Price/Unit: \$15
Discount: 4% etc.

Last purchase order
4500006398

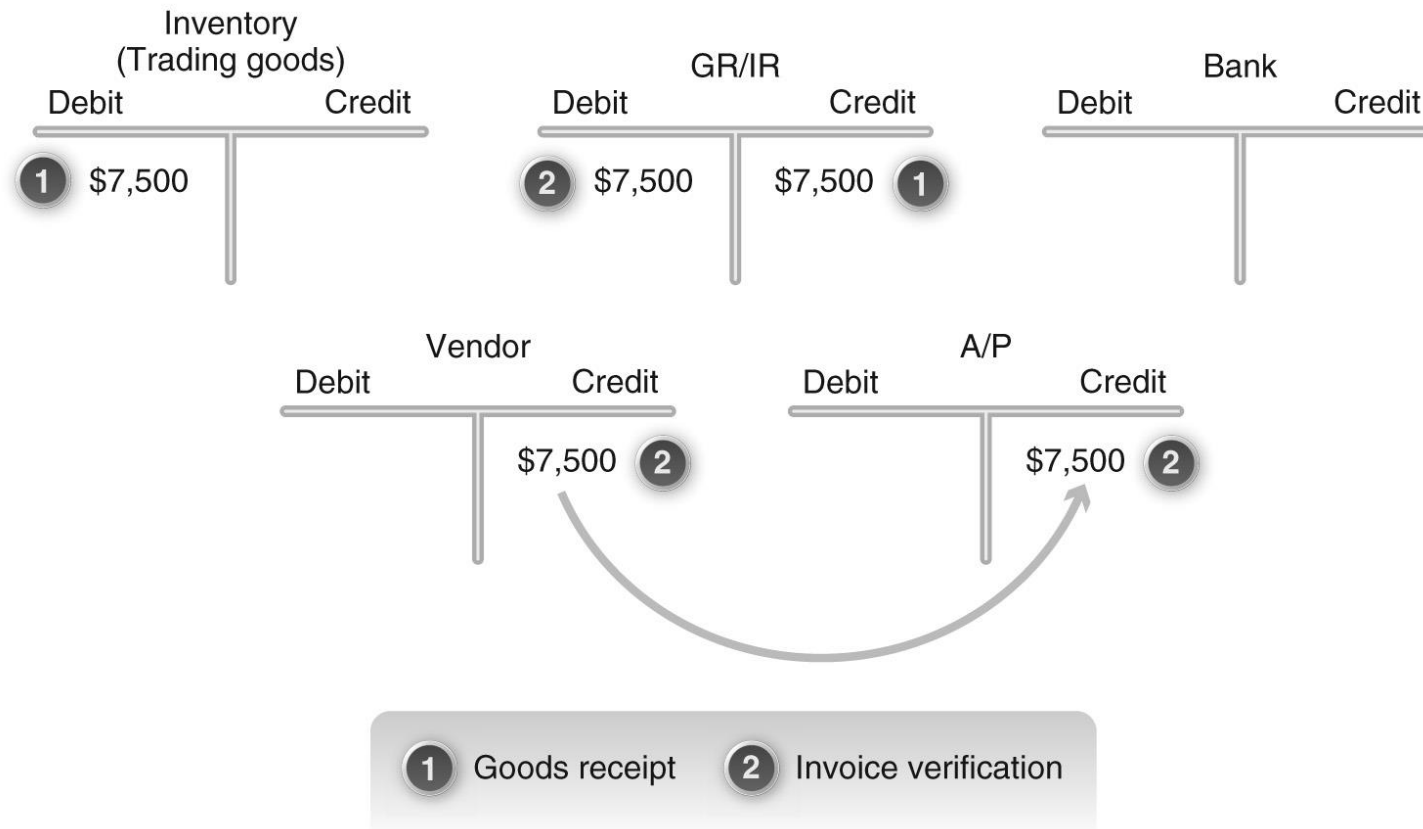


Material SHRT1000

Process: Goods Receipt



Process: Invoice Receipt / Verification



Process: Vendor Payment

