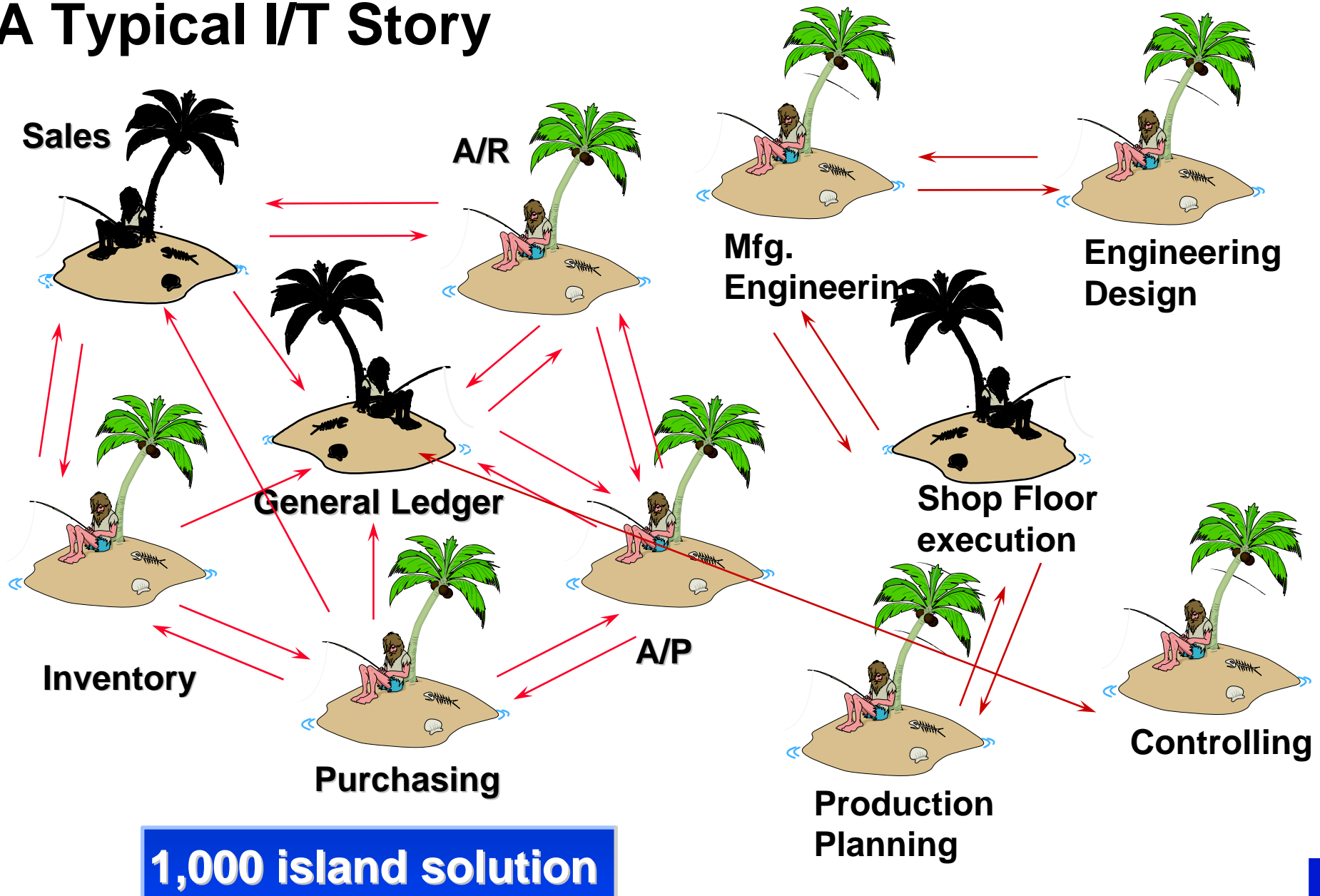


# **Welcome to SAP Overview**

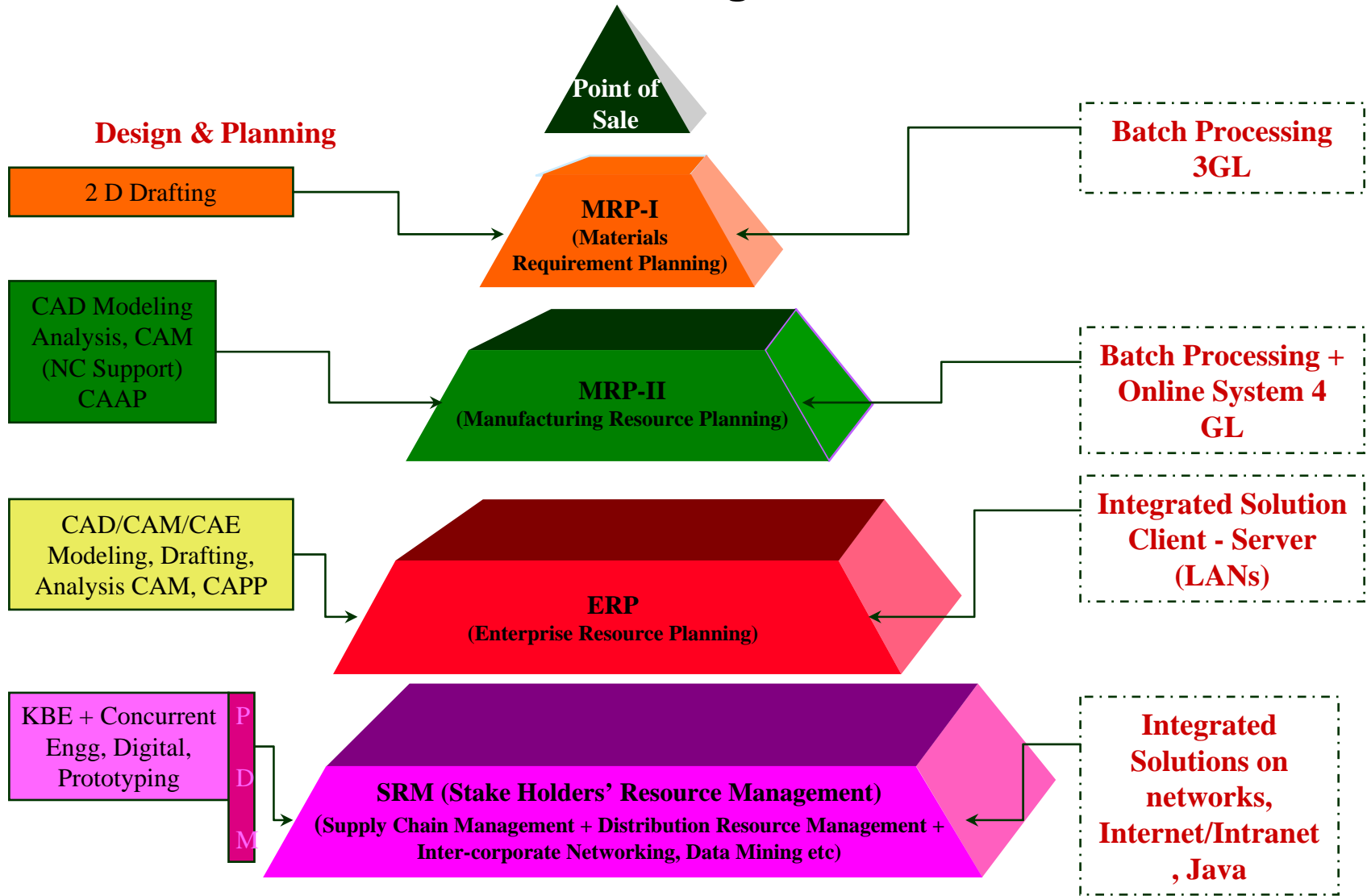
# A Typical I/T Story



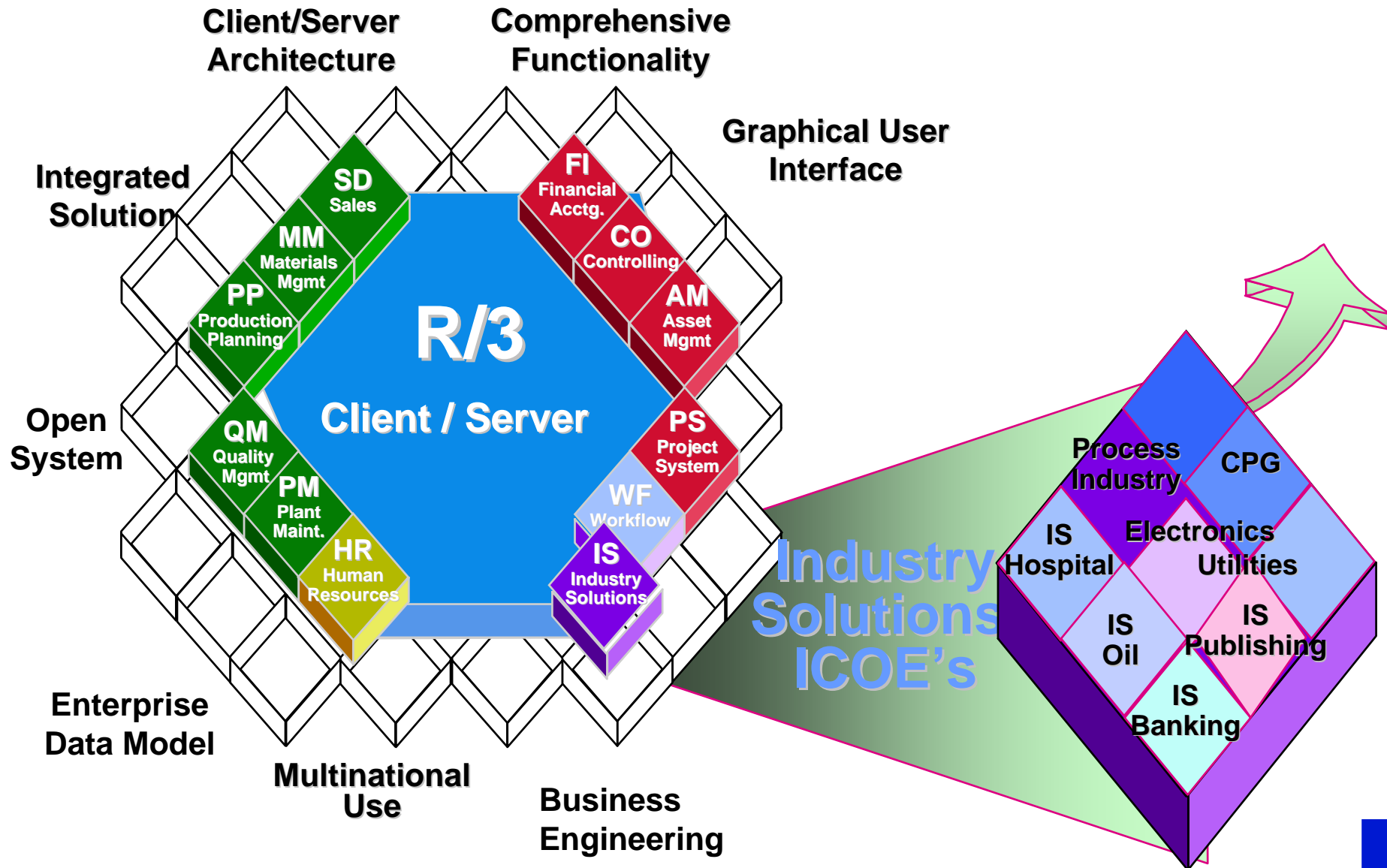
# Results of Isolation

- **Focus on Functions**
- **Applications developed over time in response to differing corporate stimuli**
- **Interfaced Systems - (Reconciliation)**
- **Hardware Dependent I/T Systems**
- **Inconsistent Redundant Data**
- **Consolidation & Managerial Control Difficult**
- **Process Productivity Monitoring Difficult**
- **Reaction to change slow**

# Evolution of IT in Manufacturing

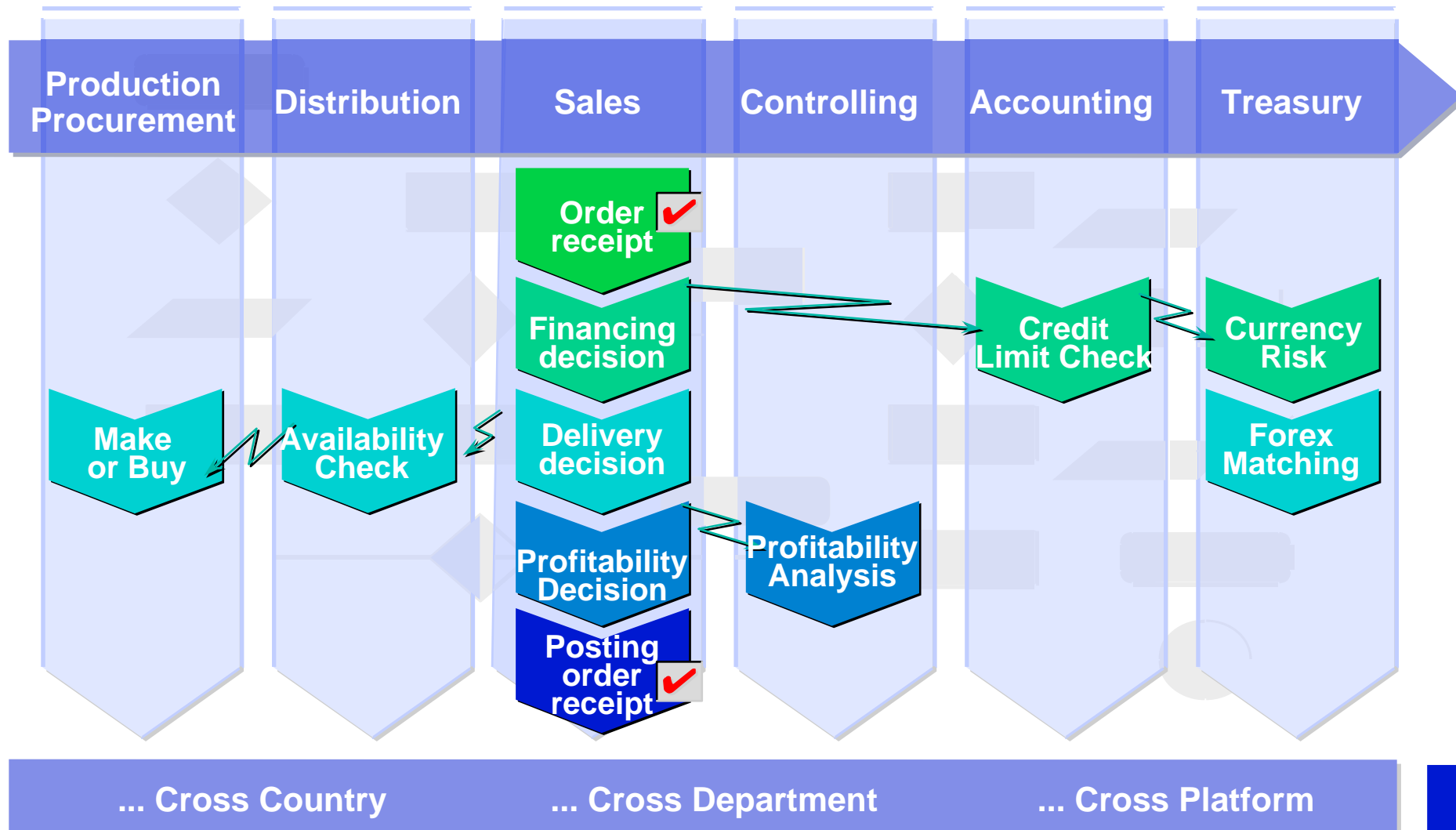


# SAP -- The Overall Picture



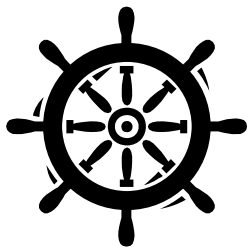
# R/3 Integration

Integration of previously off-line functions into the operational flow is a key enabler for competitive advantage



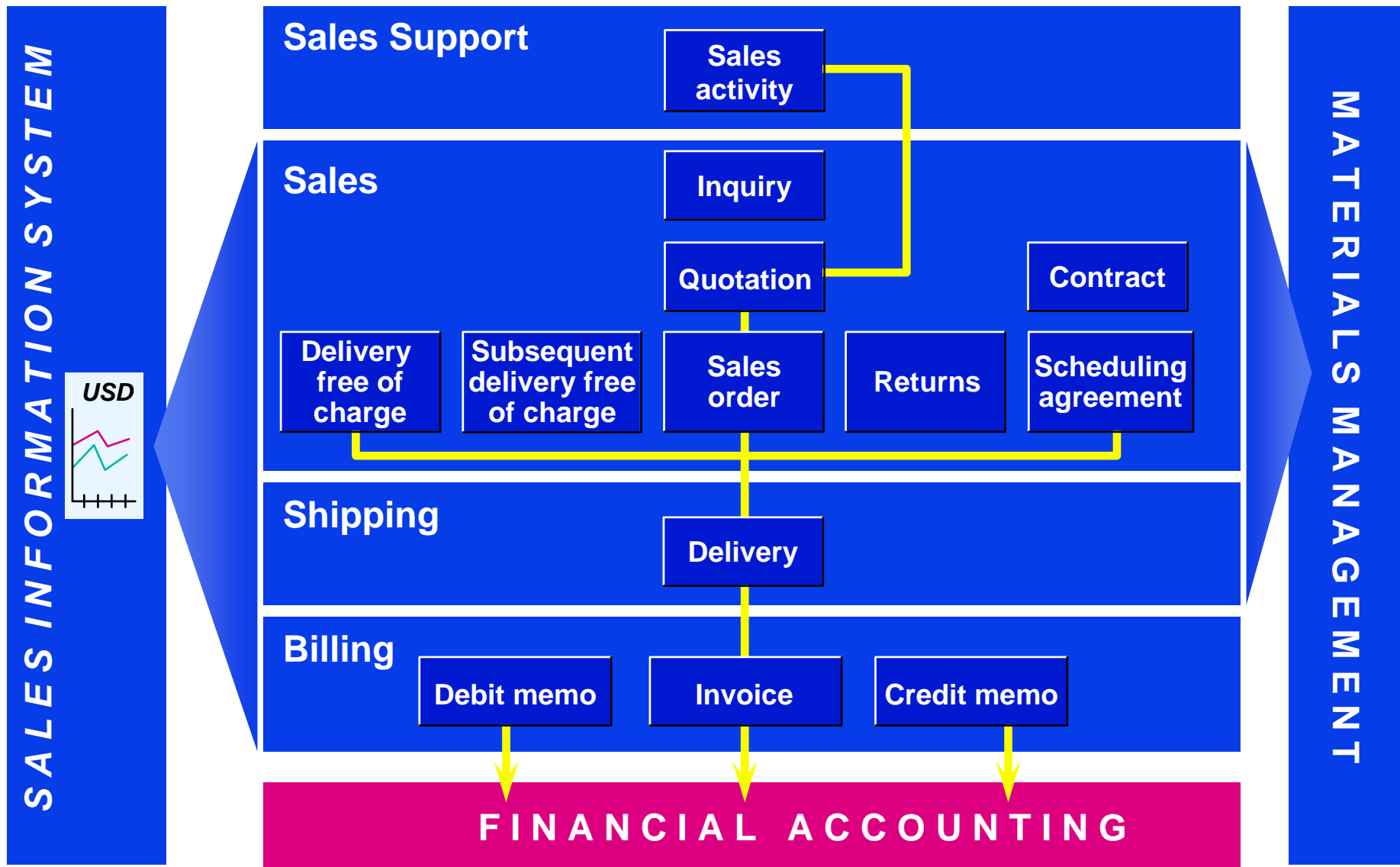
# Results of Integration

- **Focus on Business Processes**
- **Elimination of Redundant Data  
(Common Constant Data)**
- **Easier Corporate Consolidation**
- **Better Managerial Control**
- **Elimination of Interfaces**
- **Faster reaction to changing structures**
  - Organization/Customers/Competitors



**Integration is the Key**

# Sales and Distribution Processing





# Materials Management

## BASIC DATA

- Material
  - Special stock
  - Batch
- Vendor/one-time customer
- Purchasing info record
- Service specifications
- Workflow
- Optical archive
- Texts
  - Mail
  - Communication
- Classification
- Documents
- Conditions

## PURCHASING

- Purchase requisition
  - ◆ MRP
  - ◆ Direct requisition
  - ◆ Release procedures
- RFQ/Quotation
  - ◆ Material/service
  - ◆ Price comparisons
  - ◆ Price comparison list
- Purchasing
  - ◆ Purchase orders
  - ◆ Outline agreements
  - ◆ Scheduling agreements

## INVENTORY MANAGEMENT

- ◆ Goods receipt/issue
- ◆ Transfer posting
- ◆ Quantities and values
- ◆ Physical inventory
- ◆ Storage bins

## INVOICE VERIFICATION

- ◆ Check and post
- ◆ Price update

SD

Third-party order

PP

Requirements

PM

Service / spare parts

QM

Inspection lot

FI

G/L accounts  
Cash management and forecast

AM

Fixed assets

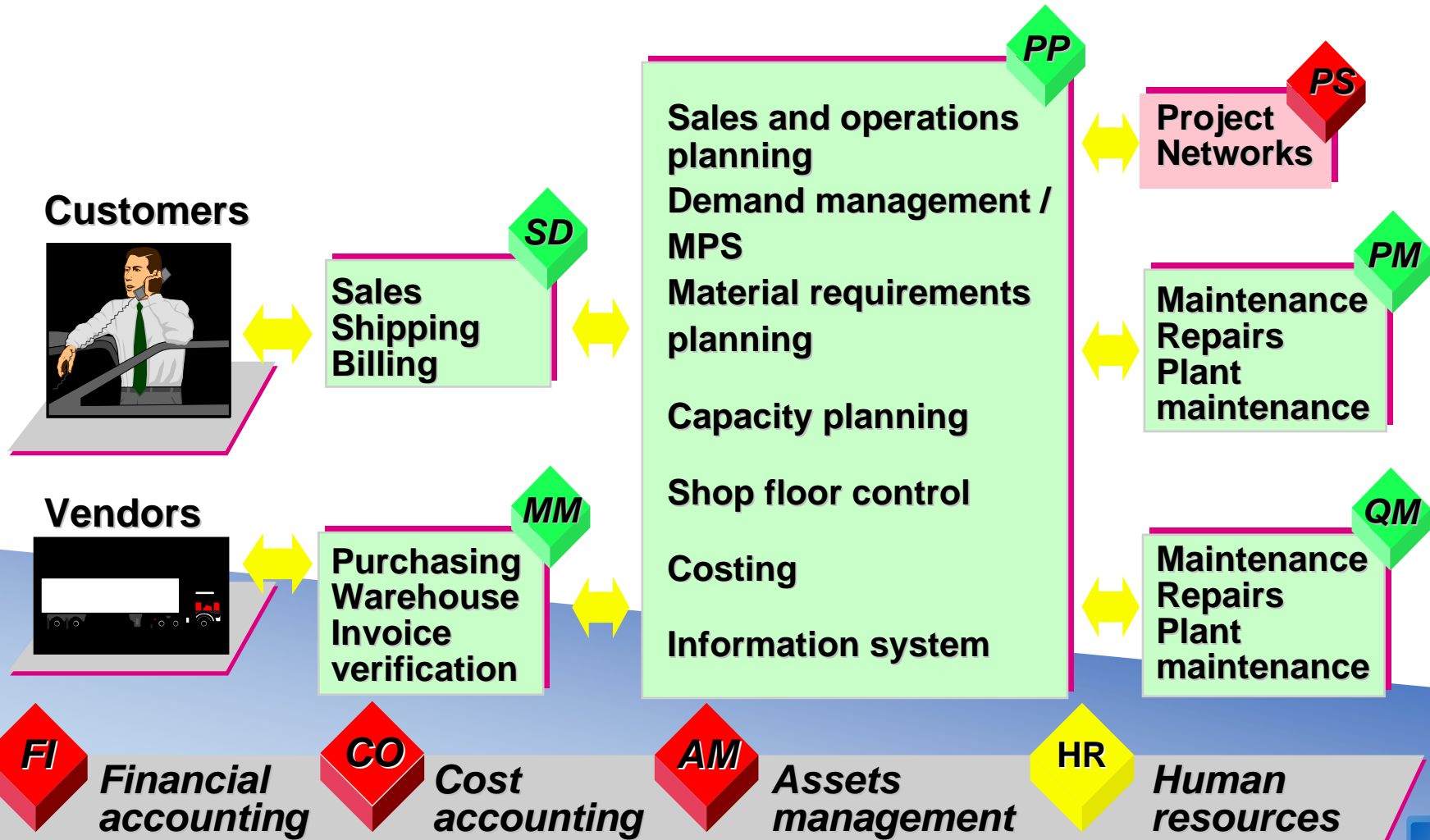
CO

Cost center / Budget

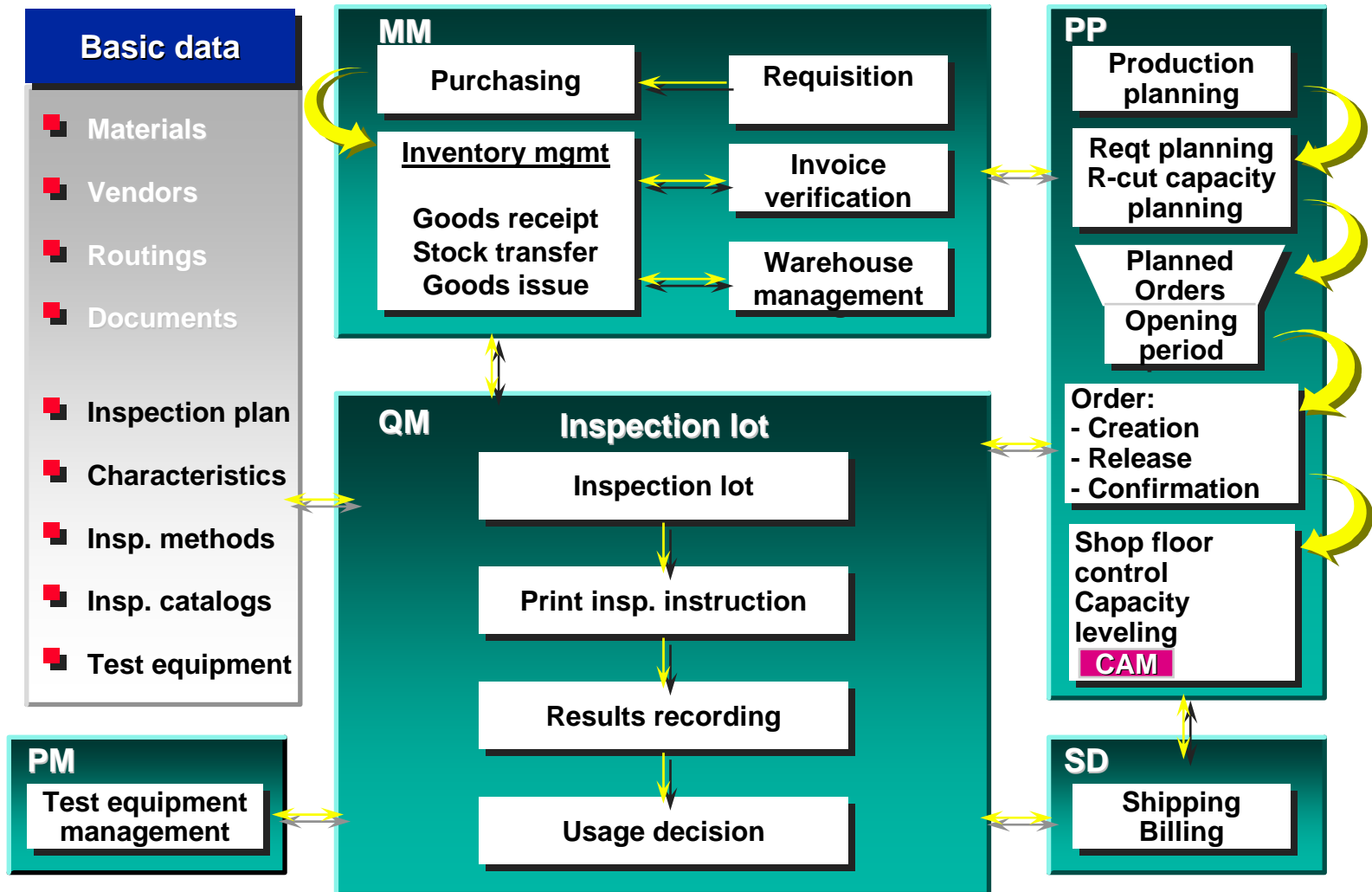
PS

Project

# Production Planning



# Quality Management



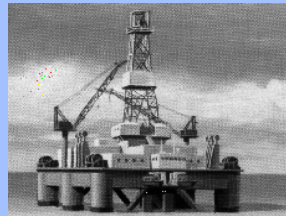
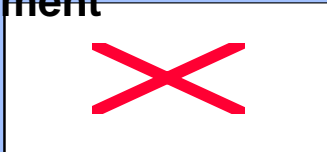
# Plant Maintenance

## *Technical Objects*

Assemblies

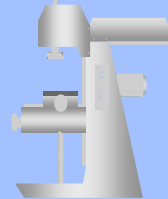


Equipment

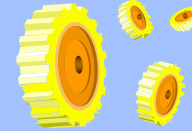


Functional locations

## *Resources*



Tools/  
Machines

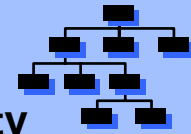


Material



Planners

Work  
center/  
Capacity



## *Corrective and Preventive Maintenance Tasks*

planned tasks

unplanned tasks

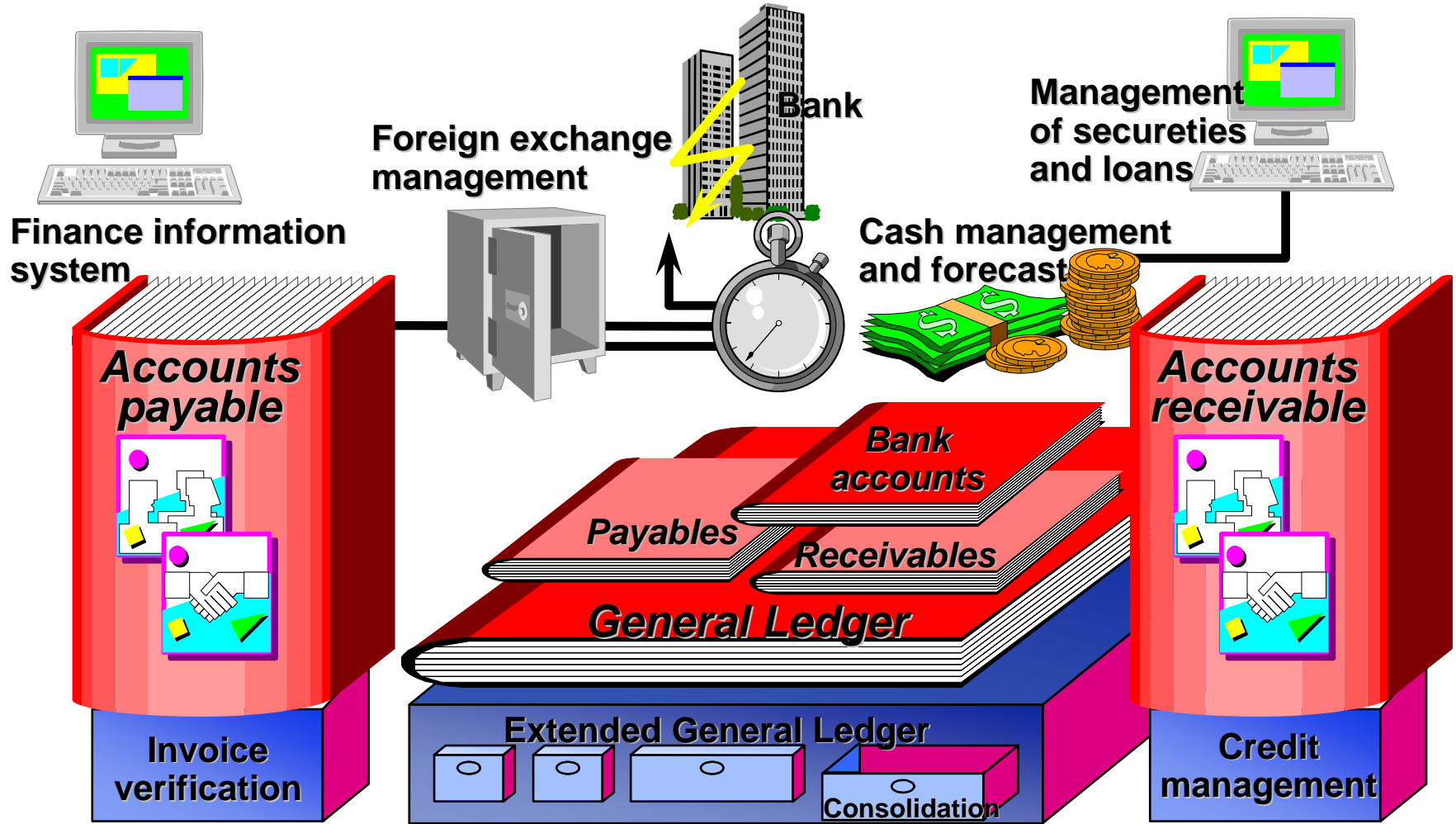
Task processing

Completion

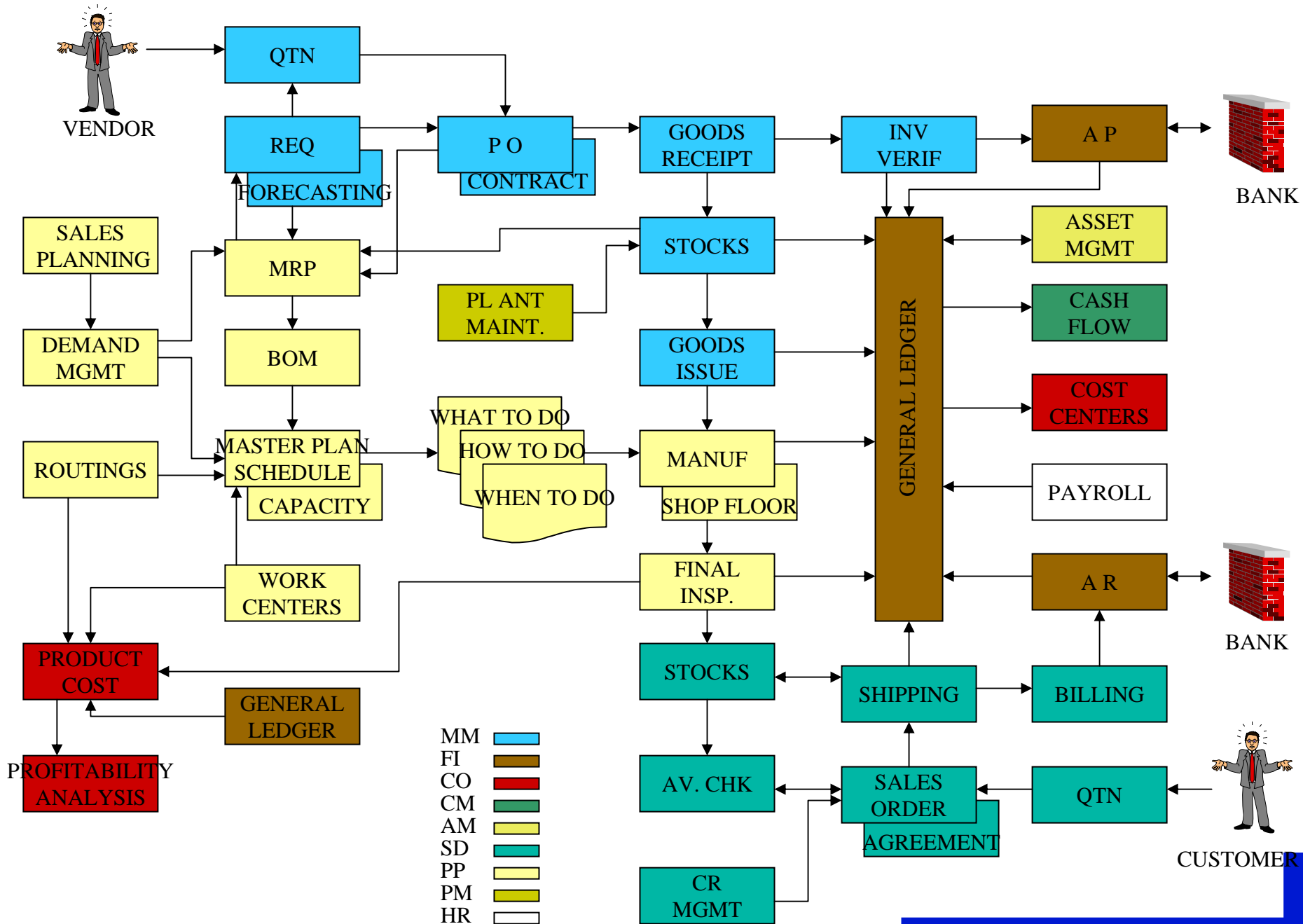
## *Maintenance History + Analysis*

- Usage history
- Movement history
- Event history
- Cost history
- MTTR / MTBR
- Failure and downtime history

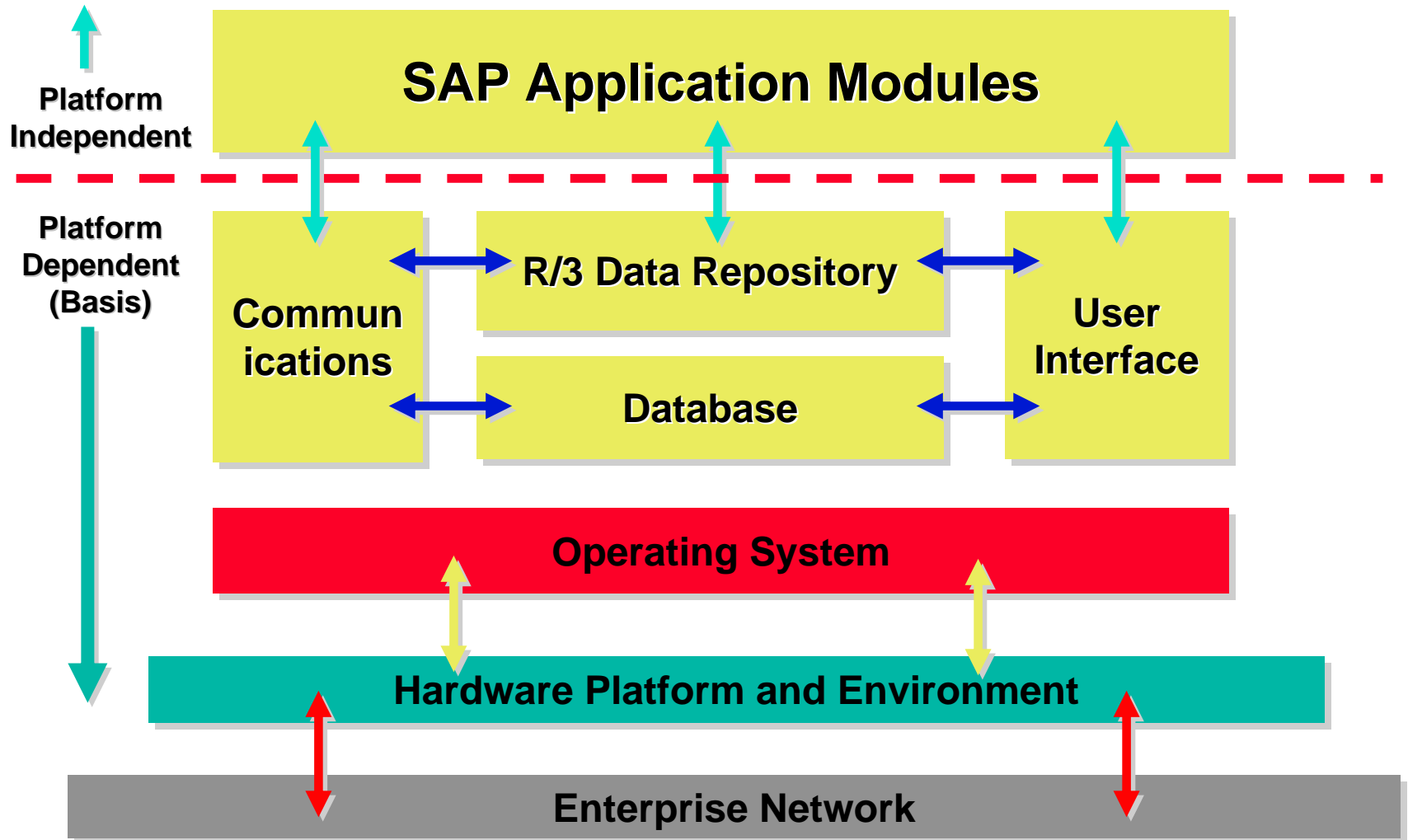
# Financial Accounting



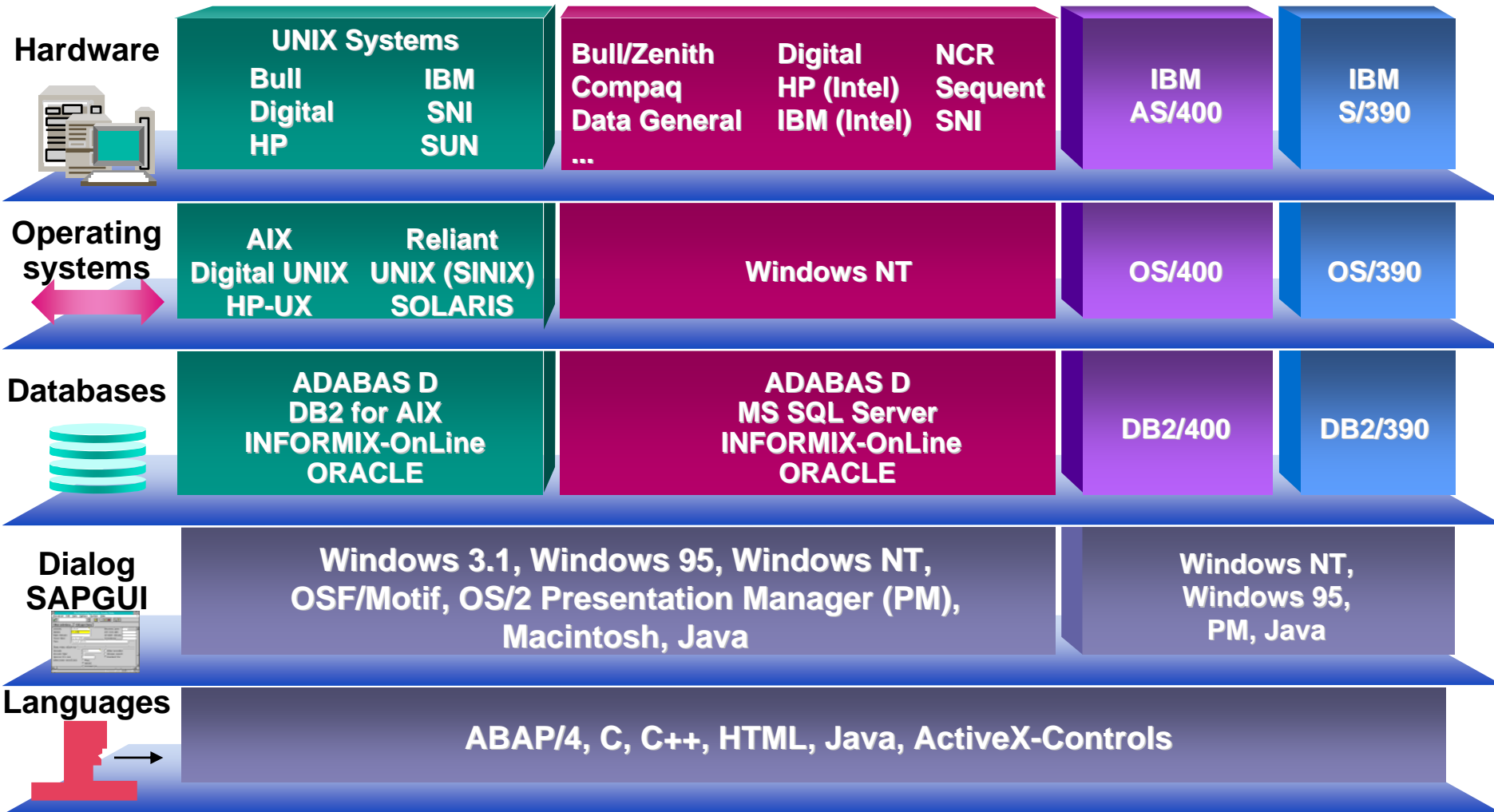
# SAP R/3 TYPICAL BUSINESS BLUEPRINT



# SAP Basis

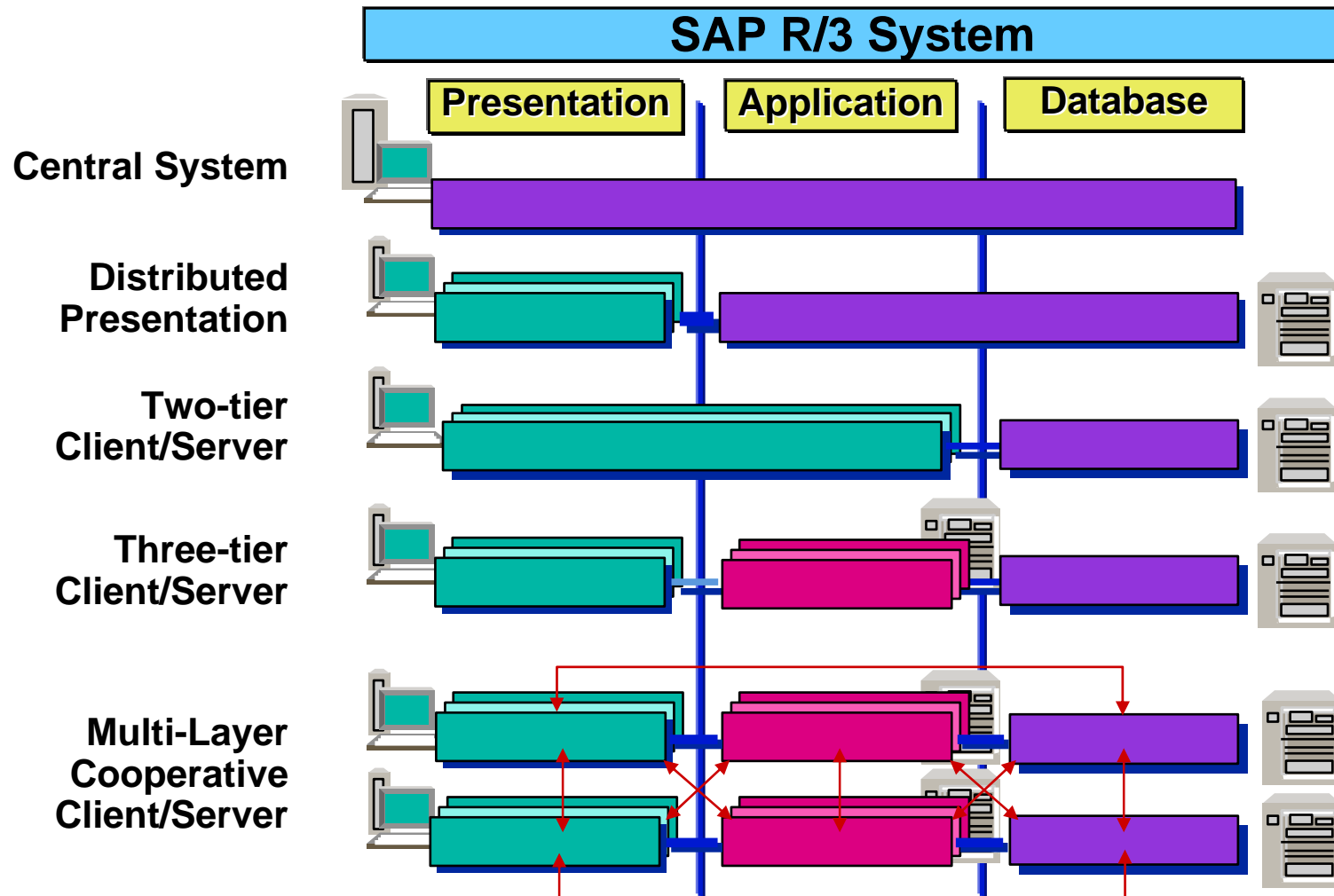


# R/3 Technology Environment





# R/3 System Client/Server Configurations



# Implementation

- **Project Preparation**

- Project Team
- Installation of SAP

- **Business Blueprint**

- **Realisation**

- Configuration
- Reports and Layout sets development
- Integration cycle testing

- **Final Preparation**

- End user Training
- Cut over

- **Go-live and Support**