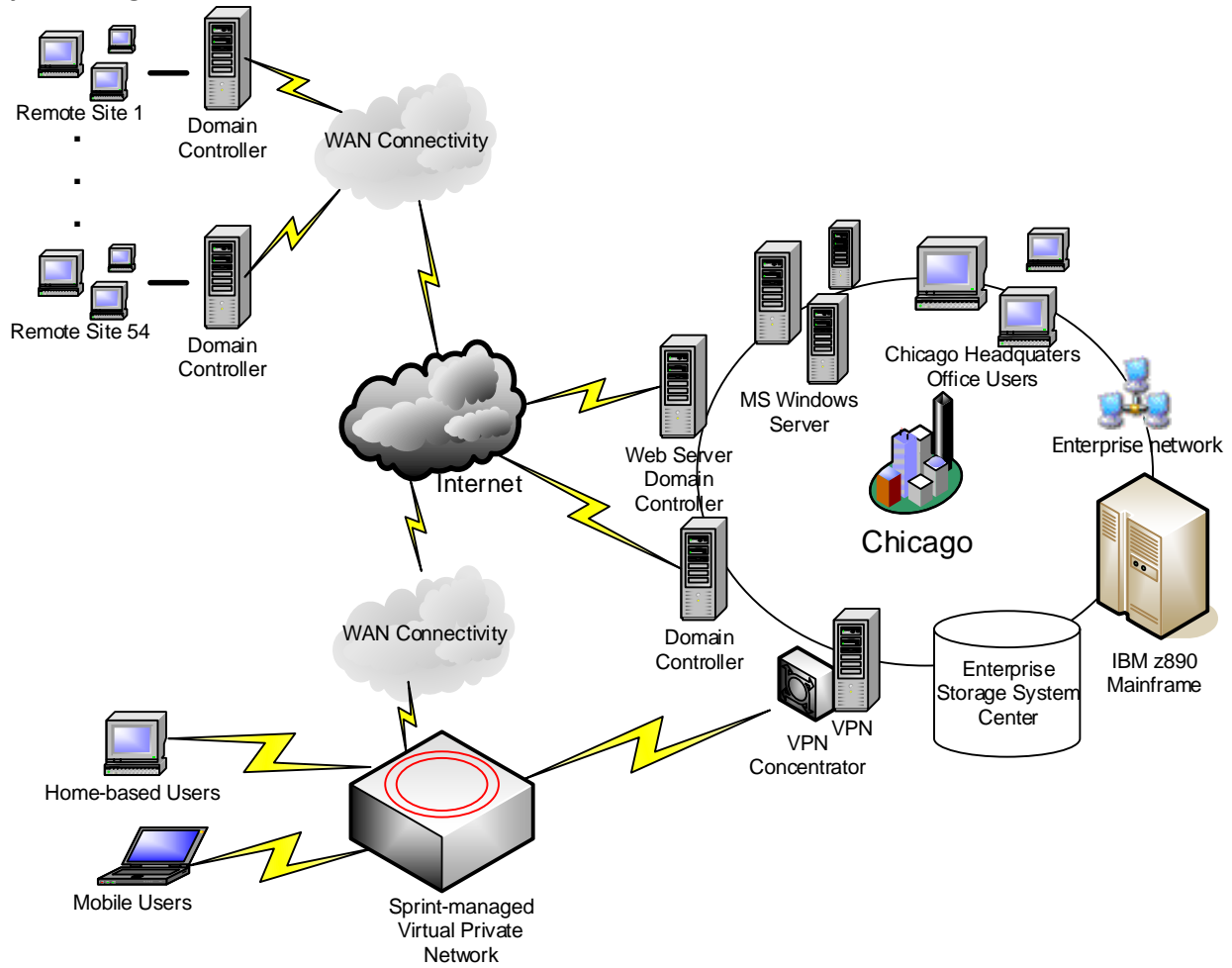


Mobile Infrastructure and System Design

References

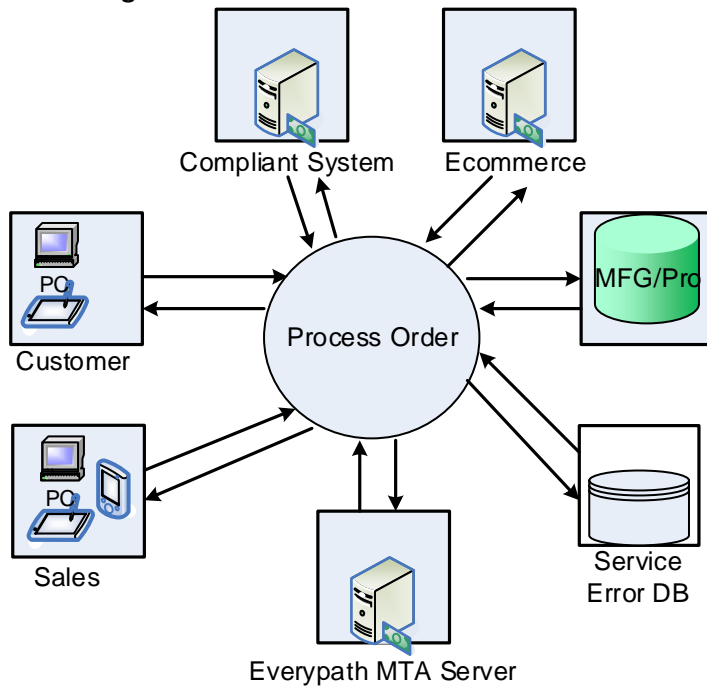
- [ 1 ] Introduction to OMG's Unified Modeling Language, July 2005, [http://www.omg.org/gettingstarted/what\\_is\\_uml.htm](http://www.omg.org/gettingstarted/what_is_uml.htm)
- [ 2 ] Practical UML: A Hands-on Introduction for Developers, by Rabby Miller, Embarcadero Developer Network, <http://edn.embarcadero.com/article/31863>

System Diagram



RRB Enterprise Information Service  
Operation Environment

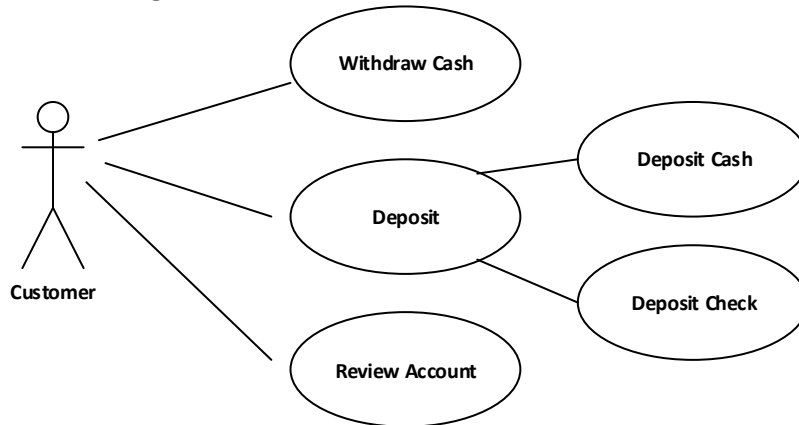
### Context Diagram



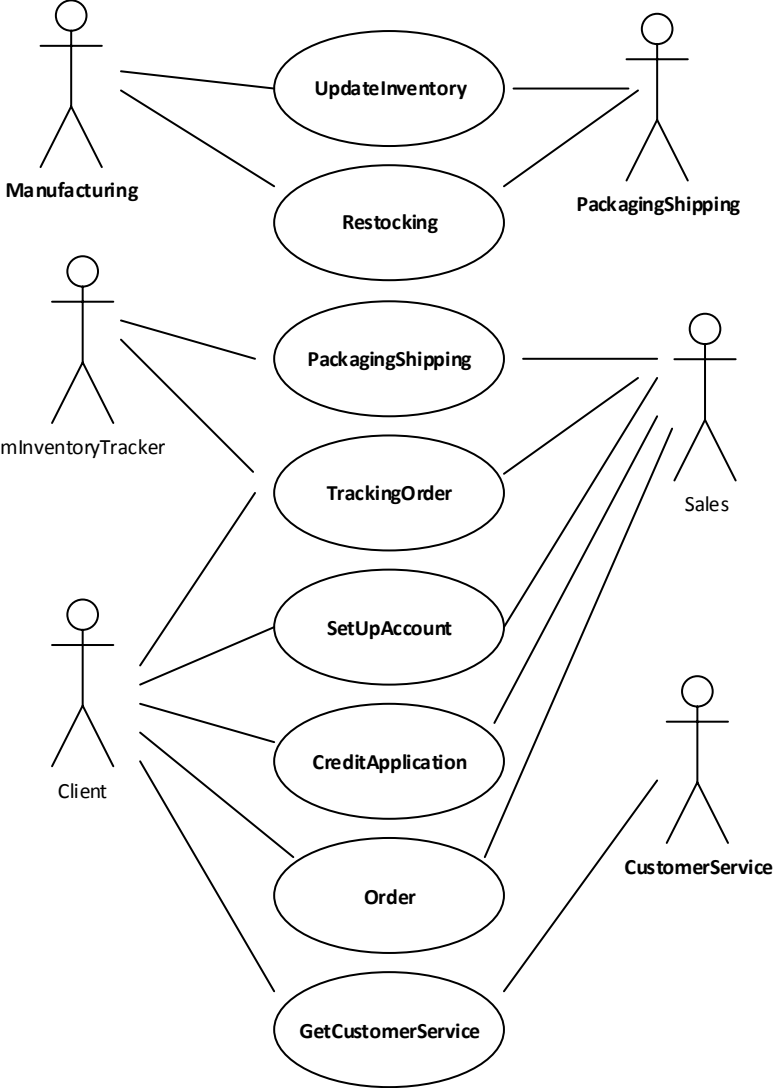
Mobile Agent Sales Automation System  
(Context Diagram)

### UML Diagrams and Design Examples

#### Use Case Diagram - ATM Machine

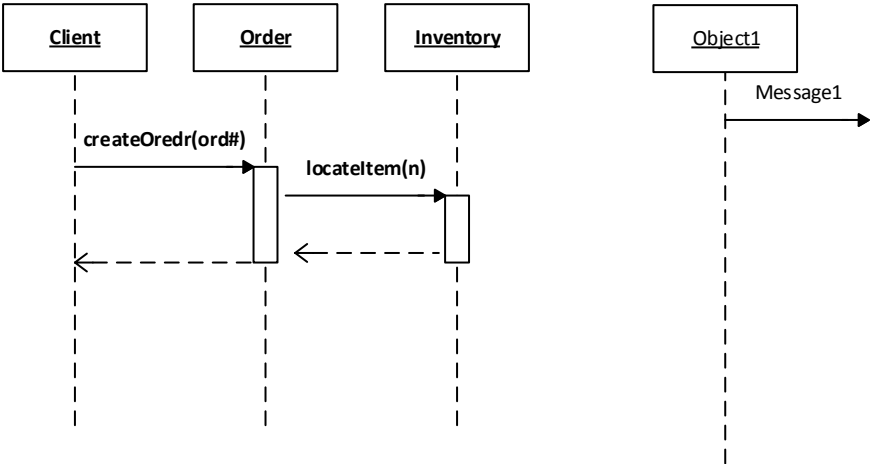


**Use Case Diagram – Inventory Tracking**



Sequence Diagrams

Client Order Process



## Data Modeling Topics

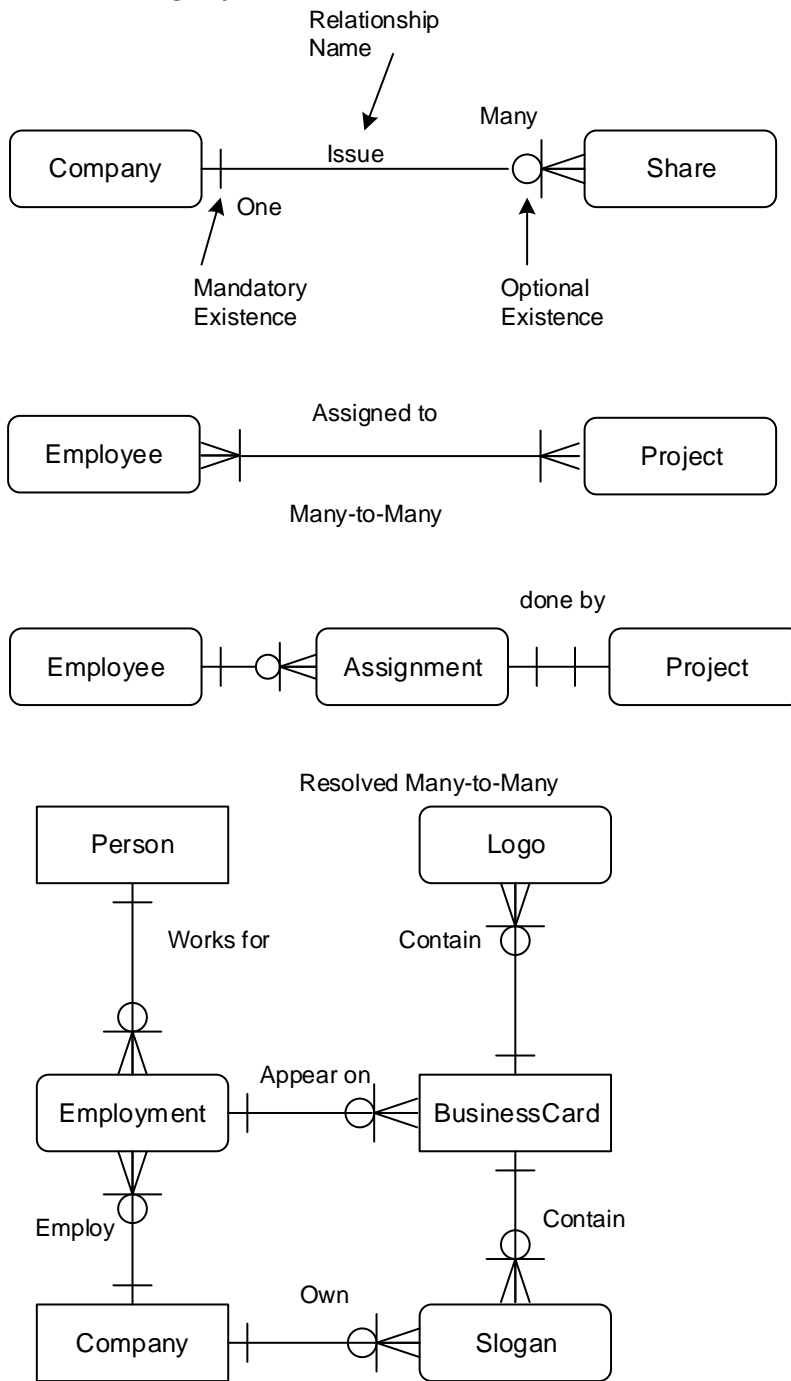
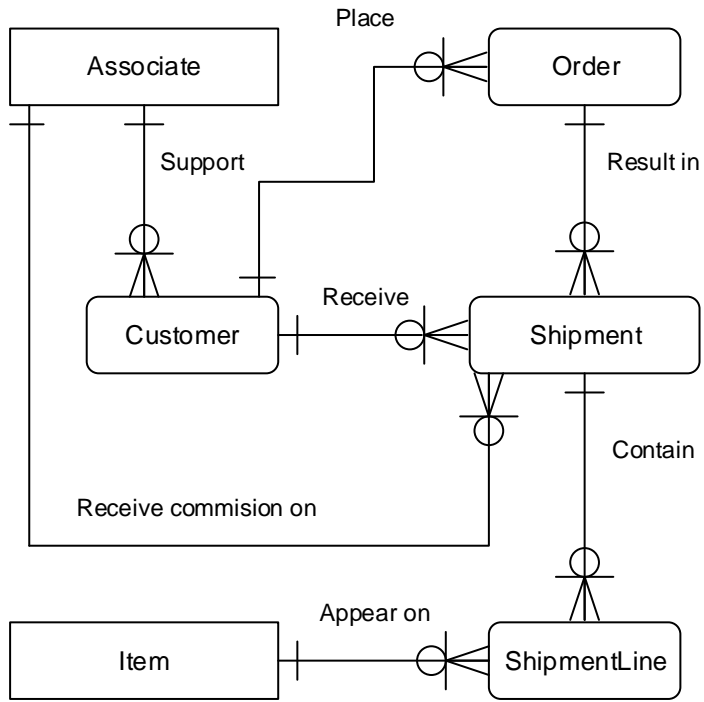
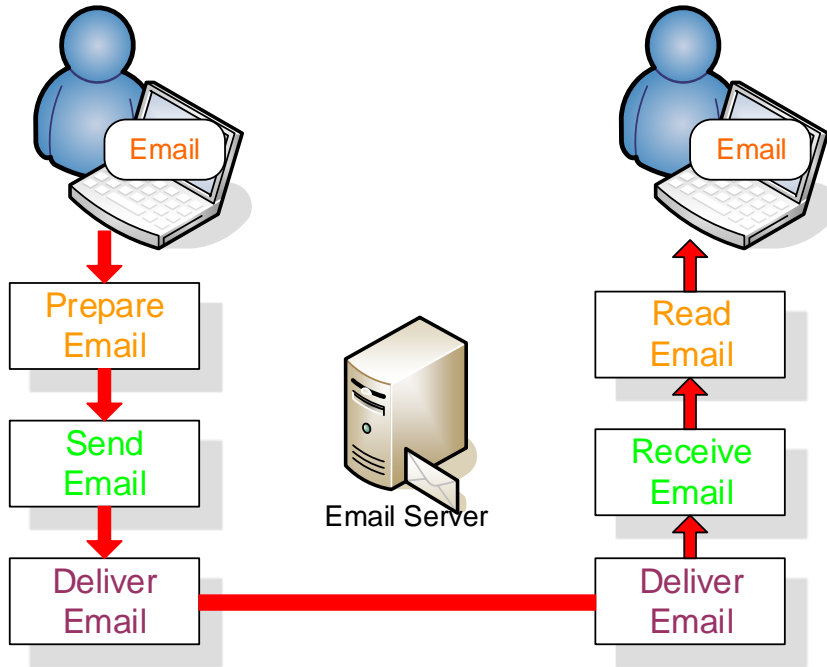


Figure 1.2 A Preview of things to come

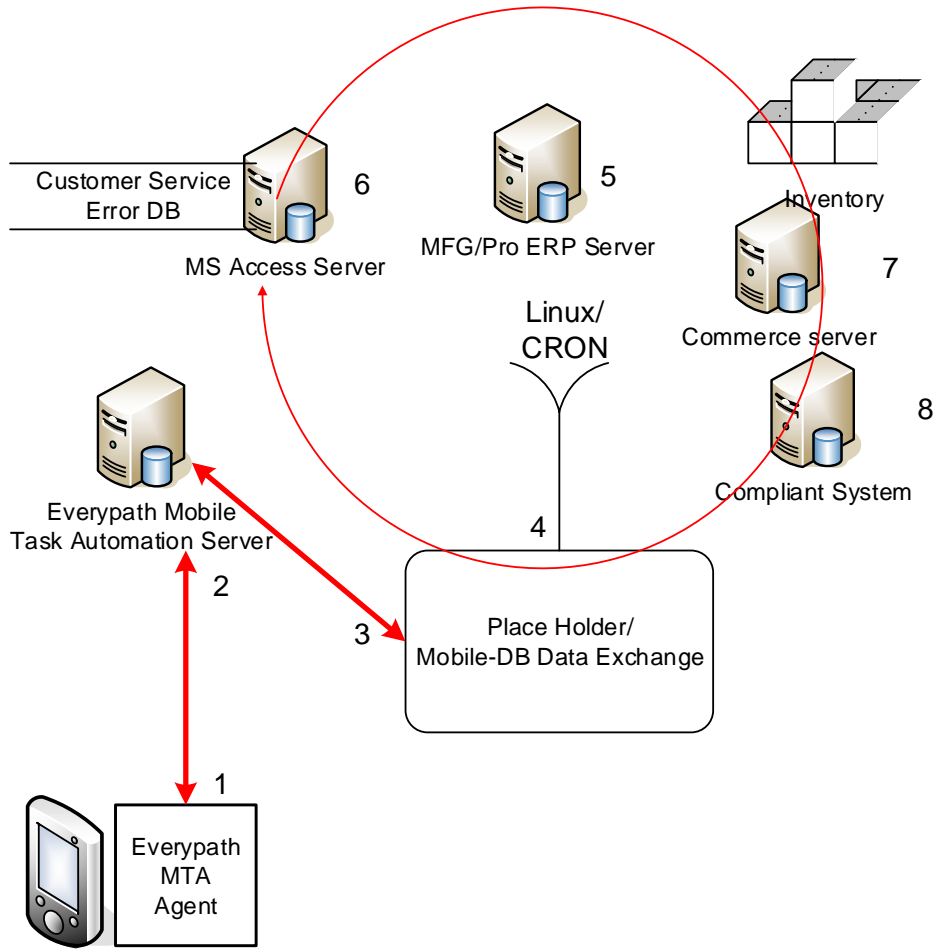


Exercise 5.2

Process Flow

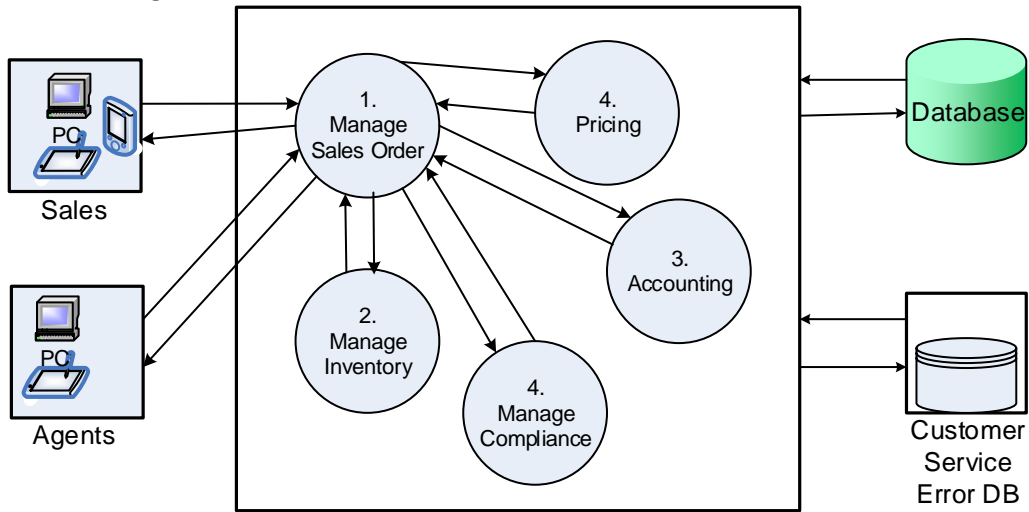


# Mobil Info Path

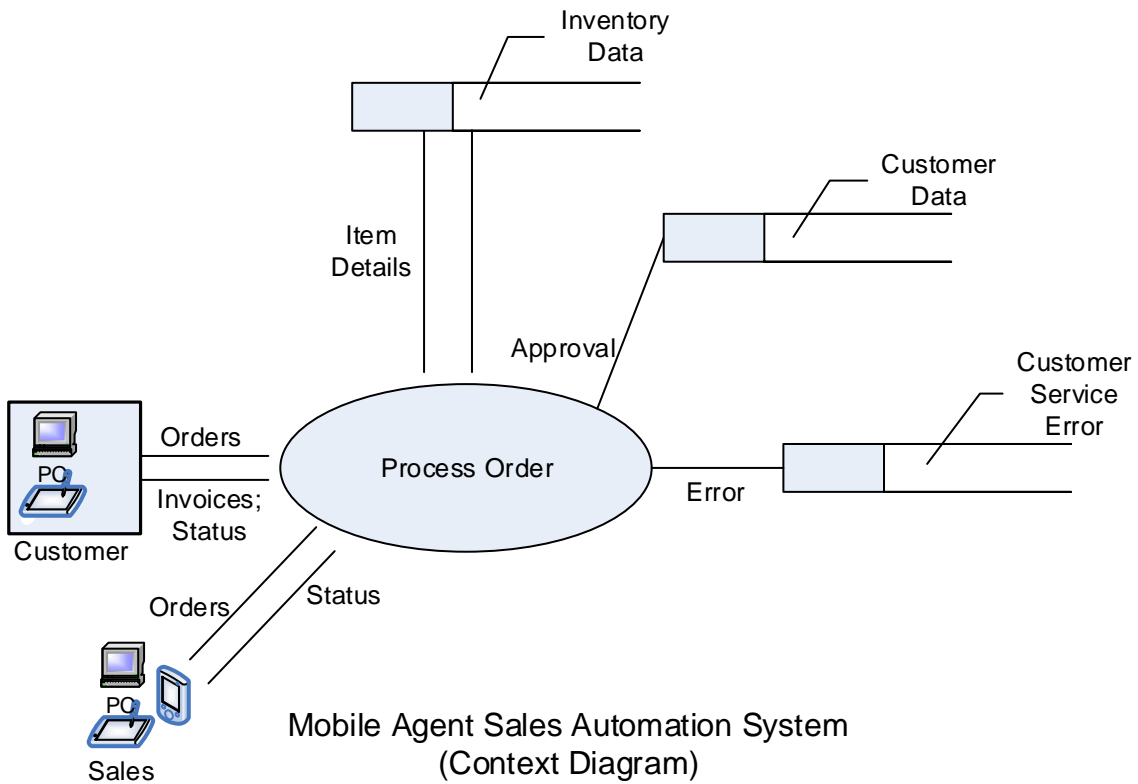




**Data Flow Diagrams**

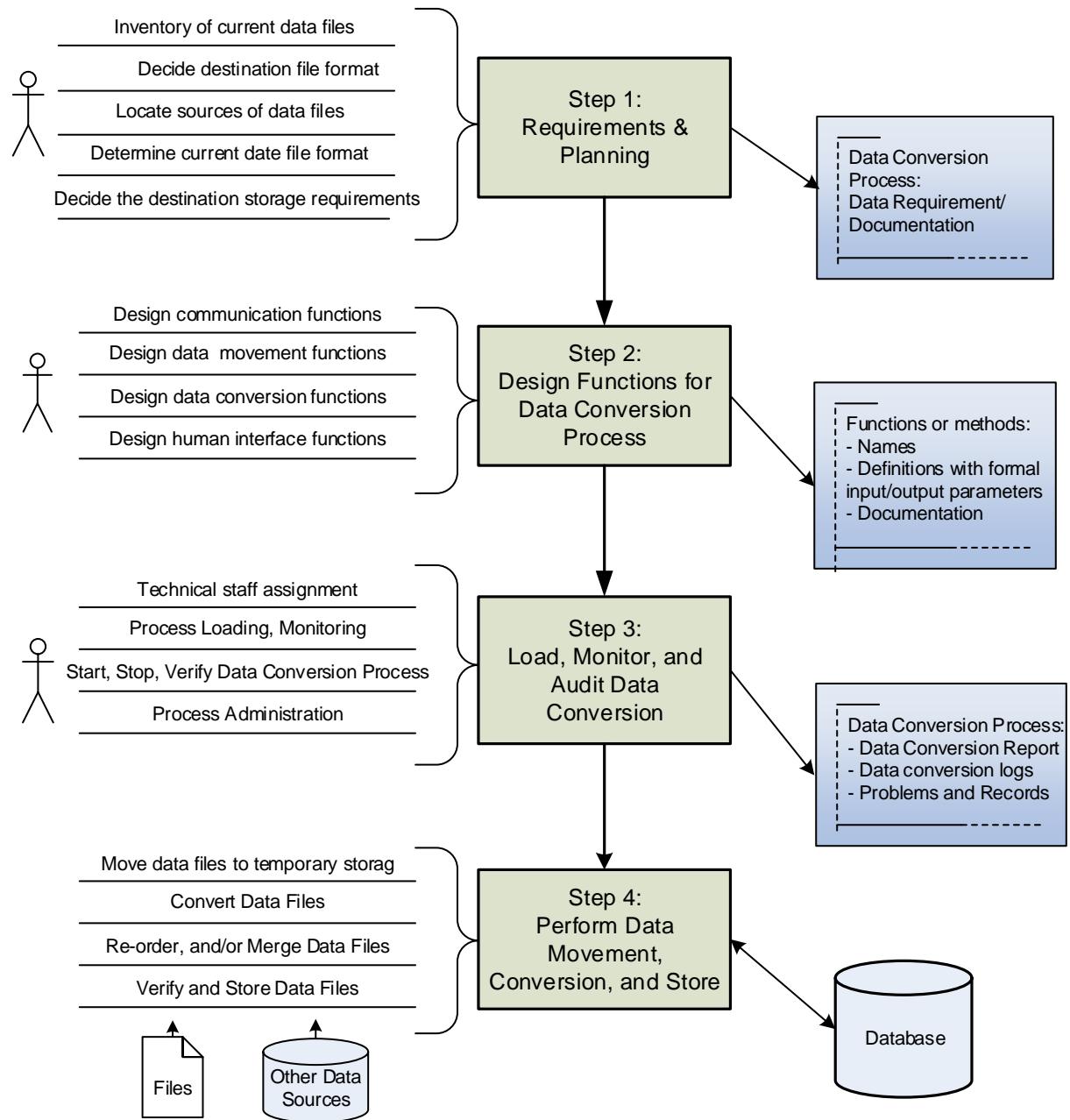


**Mobile Agent Sales Automation System: Order System (Level 0 Diagram)**



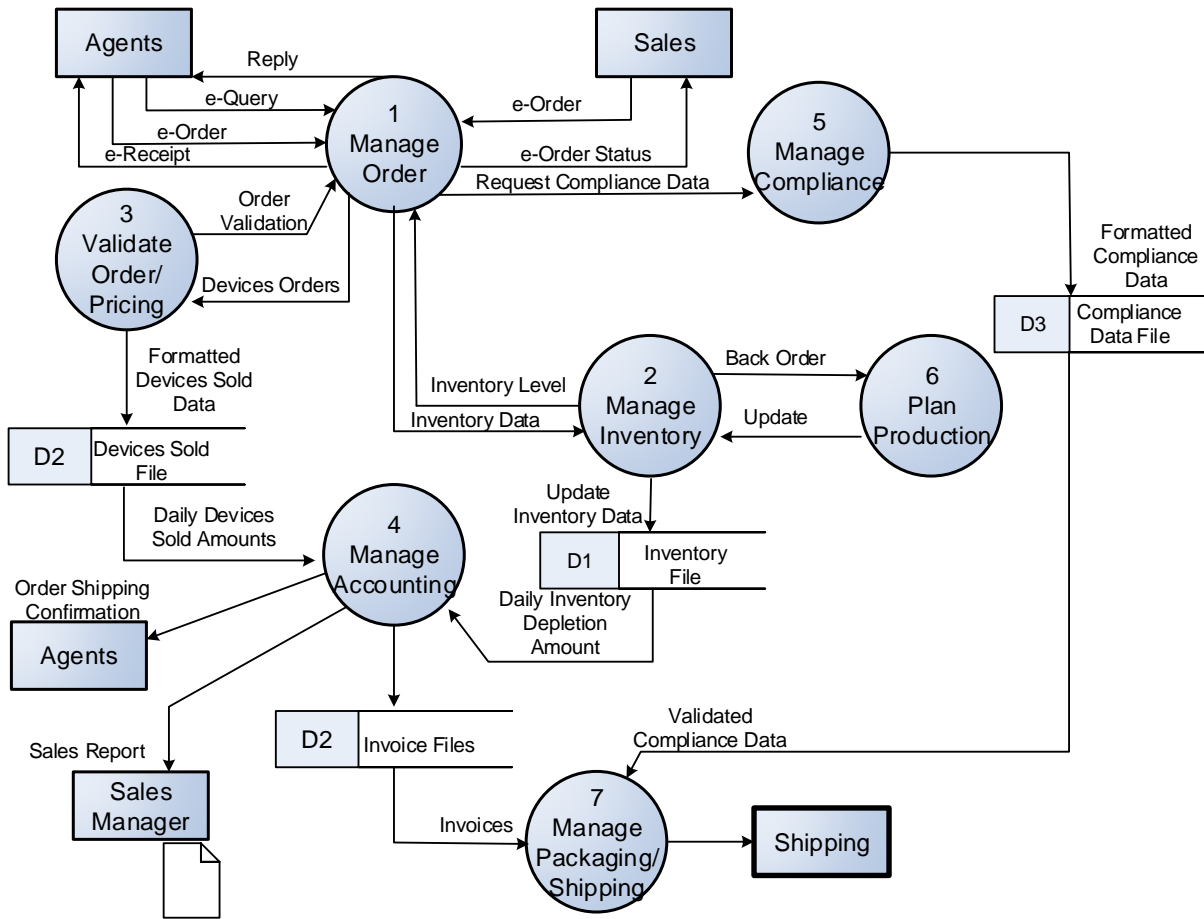
**Mobile Agent Sales Automation System (Context Diagram)**

## Work Flow for Data Conversion



Workflow for Data Conversion

### Customer Order – Business Process for Manage Ordering Process



Mobile Sales Automation System: Order Subsystem