

# Software Application Major Site Reference by Netmarks (Thailand)



# Site Reference #1

## Software Application Solution

### Business Requirements

- Support routine work in Production Line and Back Office
- Real-time processing and data sharing
- Cover the Ordering, Budget, WIP, Warehouse Control System
- Need the standard software that will apply to other countries

### Solution

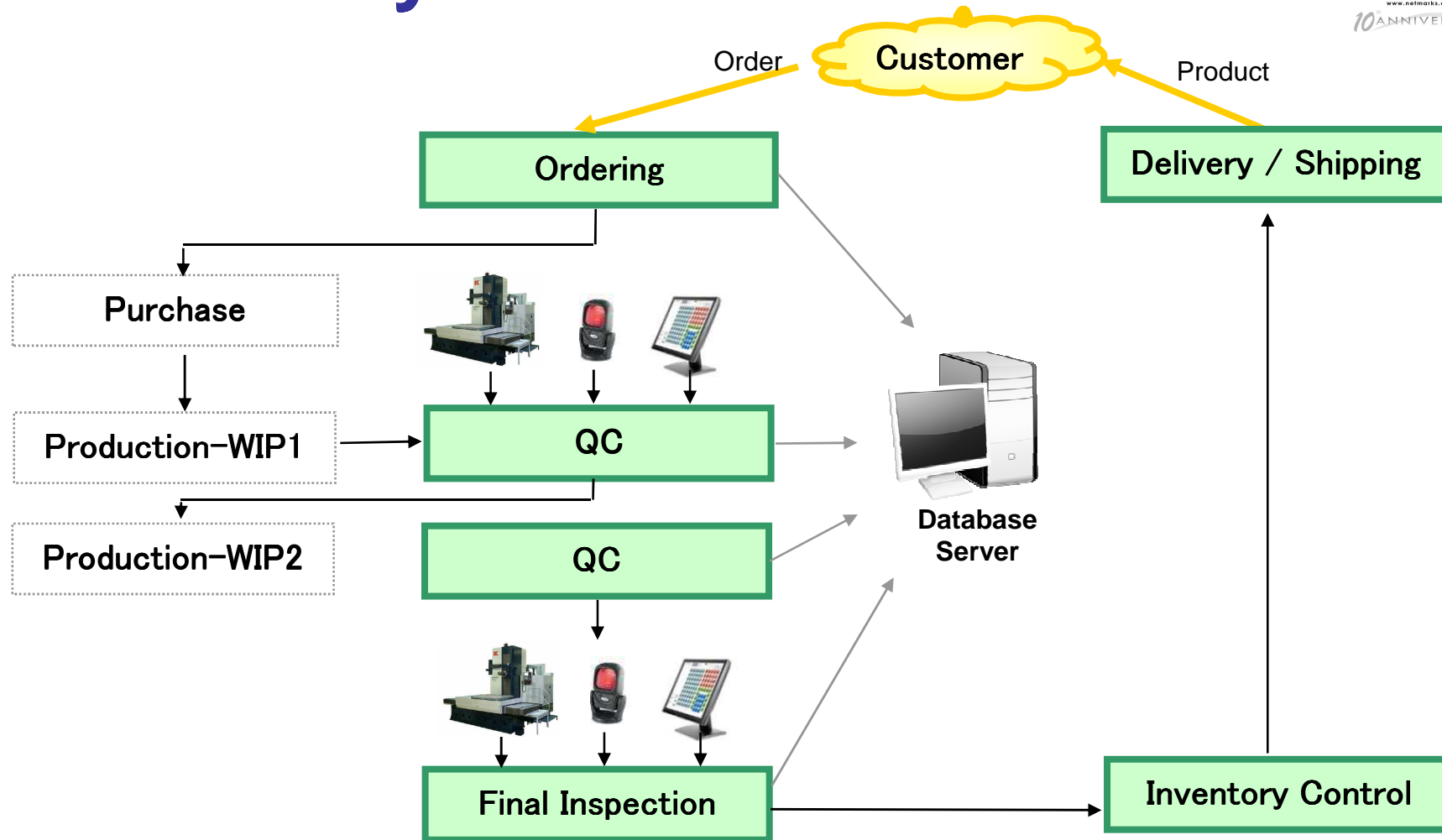
- Connect the Touch Screen, Barcode Reader, Measurement M/C to the Application system
- Each subsystem can be setup and run individually, but use the same database
- Setup the standard of work flow, documents and HW for all countries



### Customer Profile

- **Business Type:** Vehicle Wheel Manufacturing
- **Number of locations:** 5 countries
- **Number of clients:** 300-400

# Case Study #1



# Solution Features



## Software Part

- Software is separated in modules for each operation
- Centralized system, all modules use same database
- Connect to various equipments in factory such as Barcode reader, Tag printer and Touch screen panel
- Data from machine which checking wheel quality can be transferred to software module via cable directly without stopping the operation
- Data from production line is updated real-time and can be shown to management and production analysis team, both in graphical or summary report
- Inventory is controlled by using pallet tag and 2D graphic image to show the location
- History of each wheel can be investigated, no matter when it was produced or which country it will be delivered
- This program is already implemented in many countries for this customer, such as America, China, Indonesia, Malaysia and so on

## Hardware Part

- Wireless and Fixed Barcode readers are used in QC line
- RFID is used to control pallets and transportation cars
- Touch screen panel is used in production line
- Monitors are installed in various locations to track the production

# Site Reference #2



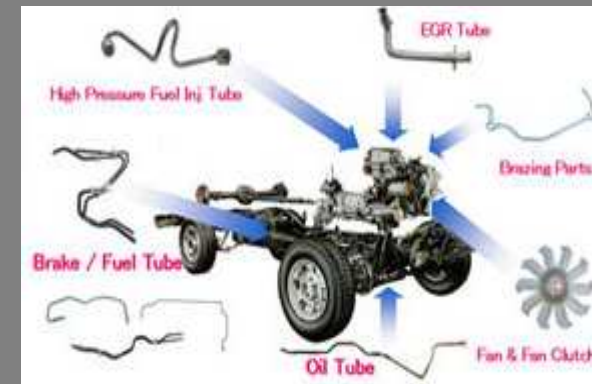
## Software Application Solution

### Business Requirements

- Support the Production process: Issue Work Order, Issue material follow BOM, Control WIP and Control Finished Goods
- Need the effective Material Procurement for “Just-In-Time” process
- Need the effective Delivery Plan and Invoice System
- Auto upload data to the Account System (MAC5)
- Report the Cost, Sales Price and Profit of each lot

### Solution

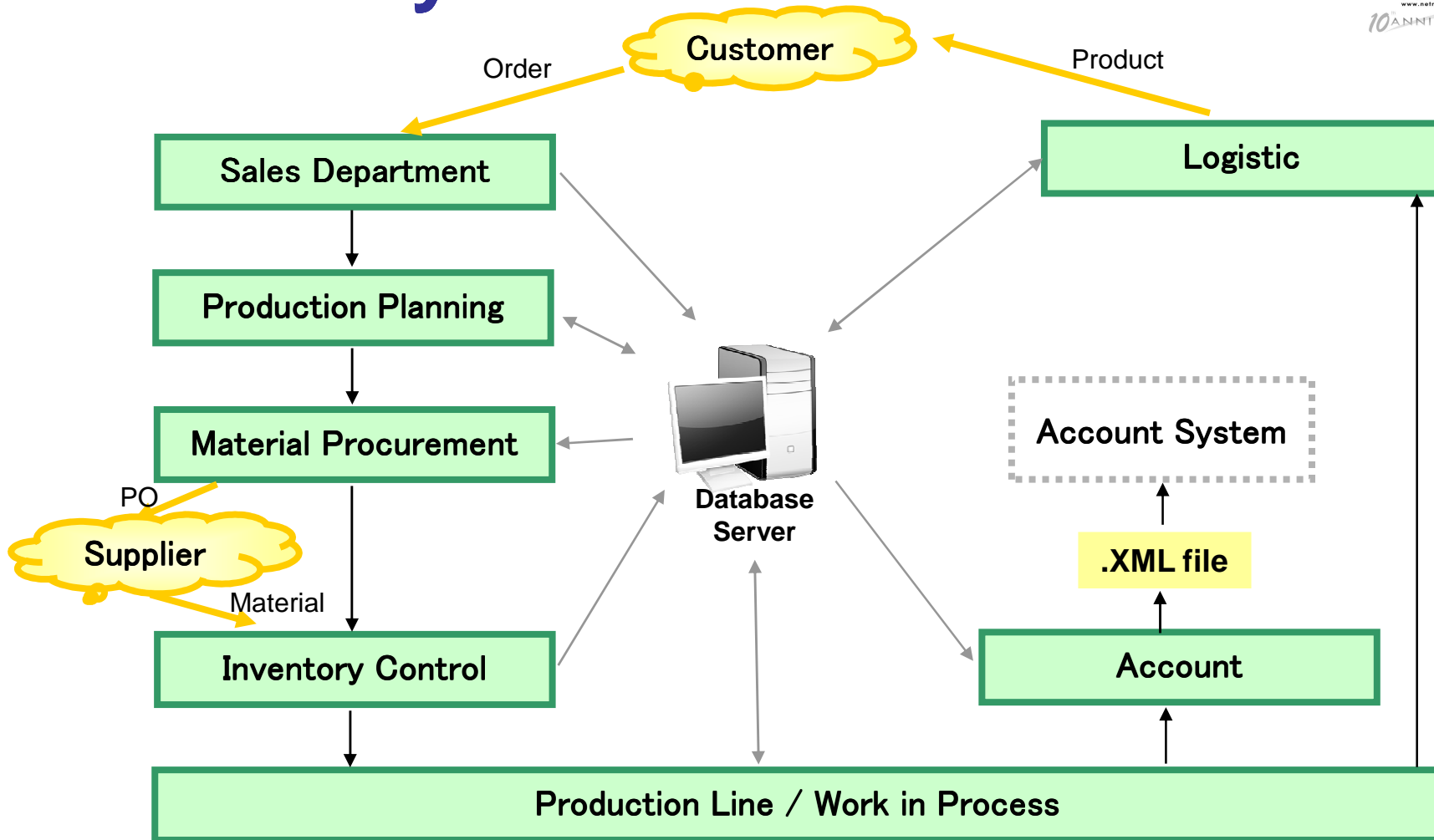
- Setup the standard of Material Barcode, Product Tag and Delivery Tag
- Setup the wireless network in production line
- Provide the MRP system for the material procurement department
- Link the data from Production Line to Back Office for Purchasing, Account, Import-Export and Cost Control



### Customer Profile

- **Business Type:** Auto Part Manufacturing
- **Number of plants:** 4
- **Number of clients:** 150

# Case Study #2



# Solution Features



## Software Part

- Receive order from customer via text file, Excel file with various file structures
- Production is according to Made to order or Just in time policy
- Have Material Requirements Planning (MRP) system to calculate the required raw material, how many and when to order, to fulfill the customer requirements
- Buying system can operate automatically by following MRP system or independently, and can issue PO automatically via E-mail
- System can issue Work Order Sheet, Bill of Material (BOM), record production result, issue tag for each product and control production lot automatically
- Have delivery system by customer order or delivery shift, and issue invoice in e-file
- Have inventory control system for raw material, finished goods, and work in process
- Have cost control system to calculate actual cost of each lot
- Can transfer accounting information to MAC-5 system to reduce daily time-consuming process
- Can work together with barcode printer, barcode reader and Wireless LAN in factory

# Site Reference #3

## Software Application Solution

### Business Requirements

- Register new order, Issue DO, Calculate monthly rental fee and issue Invoice from system
- Can see the transaction of each rental equipment and repairing history
- Exchange data between the system and ACCPAC account system
- Centralized data. (HQ:Bangkok, Branch:Rayong, Latkrabang)

### Solution

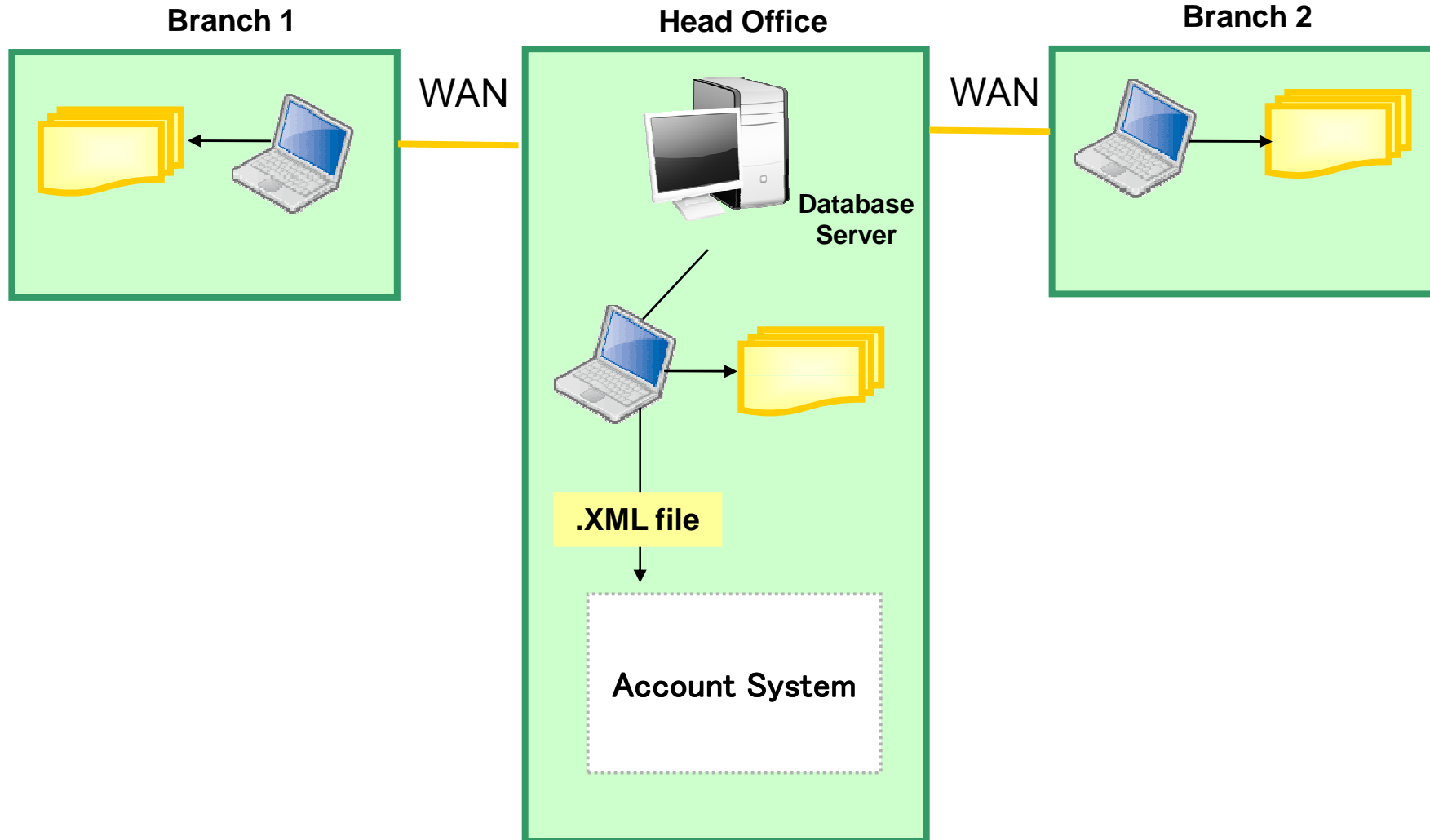
- Setup WAN and VPN for remote access
- Automatically calculate and issue the monthly invoice
- Automatically generate the account records (to ACCPAC) for Account Receivable, Account Payable, Payment Voucher and Petty Cash



### Customer Profile

- Business Type: Rental
- Number of sites/buildings: 3
- Number of clients: 15

# Case Study #3



# Solution Features



## Software Part

- Every branch office can check from database that which equipment is ready for rental or when the equipment will be returned
- Every equipment has asset number and serial number together with picture in different period of time
- Not only for rental, but this system can also support other process, such as buy-sell, repair history, bill for charging customer if the equipment is broken, etc.
- Have function to issue complex invoice such as automatically issue invoice until the rental is terminated (even it is 1-day or more than 1-year period)
- Can investigate the rental and repair history, and can show the ROI report of each equipment
- Can submit accounting information to ACCPAC system directly to reduce time-consuming process such as input daily AR and AP data
- HQ can investigate the suspicious data anytime such as very high rental price from standard price or non-moving equipment

## Hardware Part

- Use high-speed bandwidth WAN
- Implement together with Firewall and other security software
- Use automatic data backup system

# Site Reference #4

## Software Application Solution

### Business Requirements

- Support the routine work in Import-Export Order and Sales process
- Support the varied sales price which depends on global price
- Reduce the double work between the new system and Account system
- Support the BOI process

### Solution

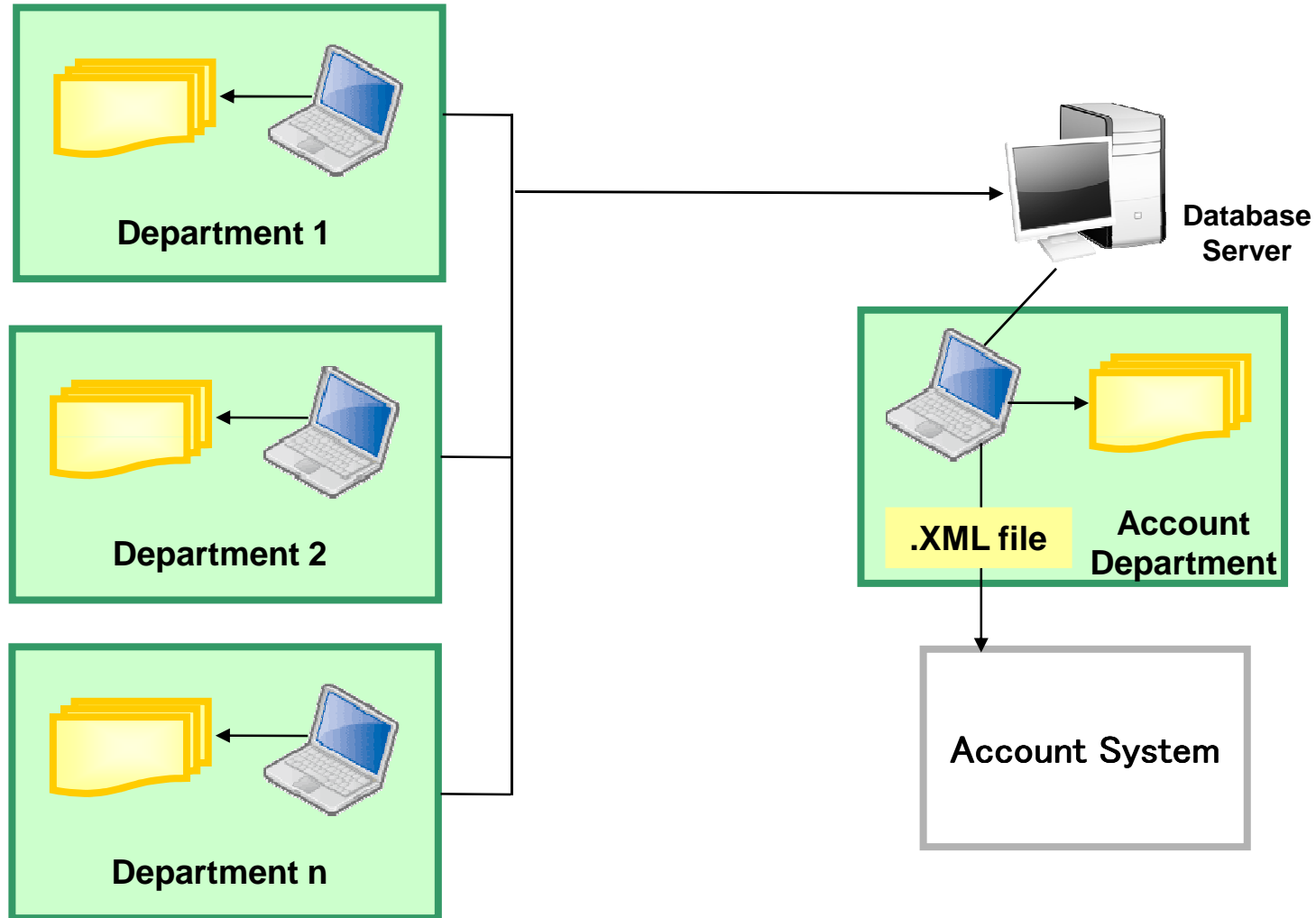
- Provide the documents for the difference traders and currencies
- Control the BOI and Non-BOI Inventory and generate report
- Automatically generate the account record (to other account system) for Account Receivable, Account Payable
- Generate the Cost, Profit and Loss report



### Customer Profile

- **Business Type:** Trading
- **Number of sites/buildings:** 1
- **Number of clients:** 20

# Case Study #4



# Solution Features



## Software Part

- Receive order from customer via text file, Excel file with various file structures
- Support various products which have varying price, both in buying and selling process
- Can issue PO by customer order and has alert system when closing to delivery date or passing delivery date
- Support BOI Trading and has system for BOI officer to investigate
- Have correct inventory control and inventory adjustment system
- Support various money currencies
- Can submit accounting information to ACCPAC system directly to reduce time-consuming process such as input daily AR and AP data

## Hardware Part

- Implement together with Firewall and other security software

**We are here**   
On Customers' Side.