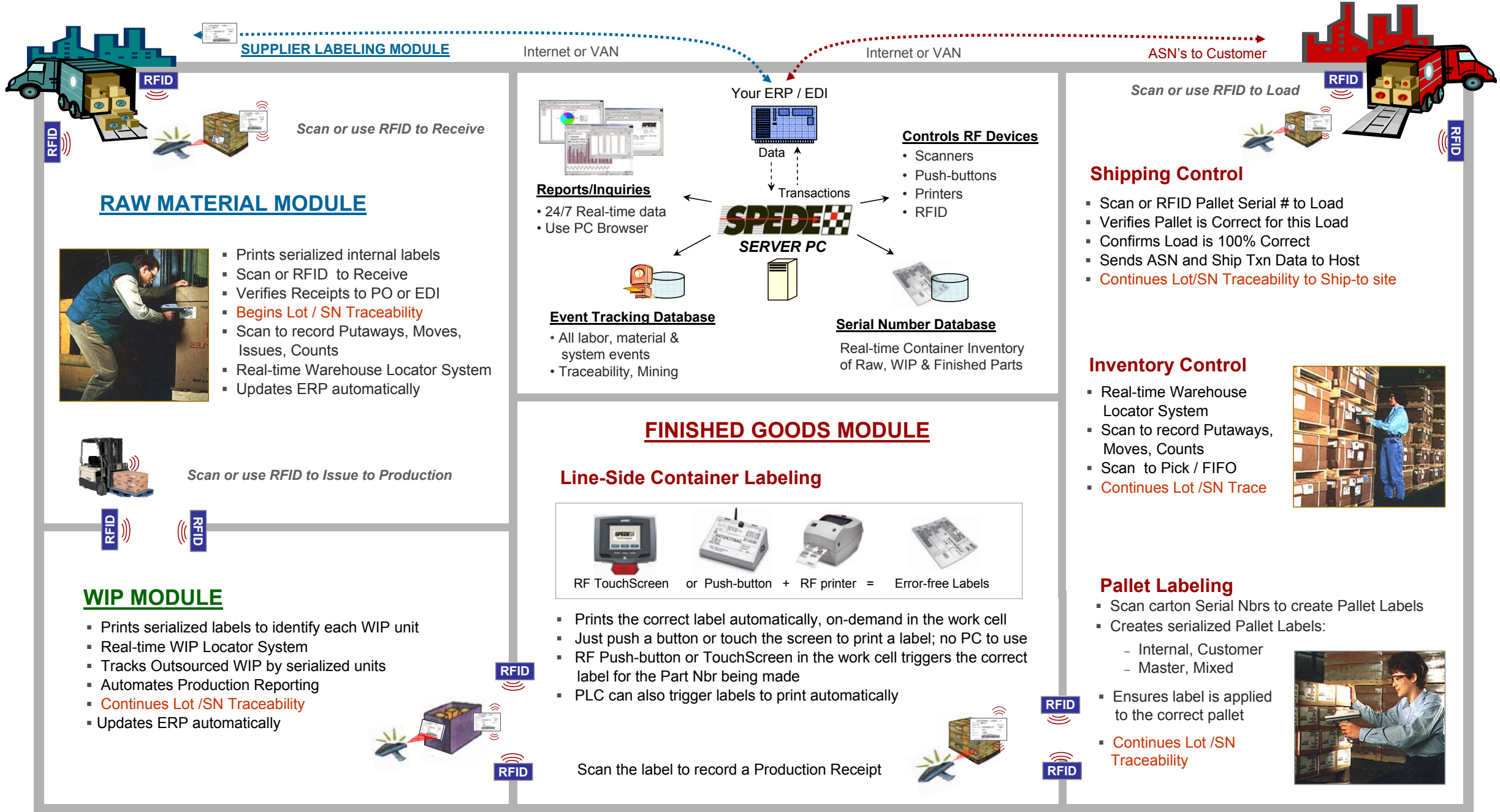




Real-time Material Control System

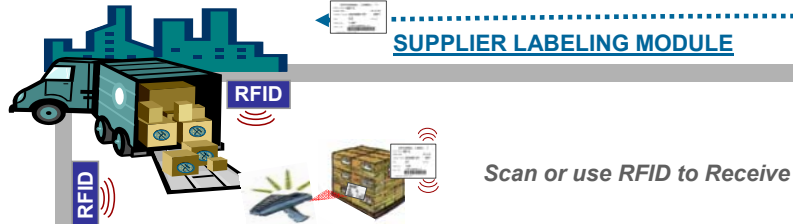


SUPPLIER LABELING MODULE

Internet or VAN

Internet or VAN

ASN's to Customer



Scan or use RFID to Receive

RAW MATERIAL MODULE



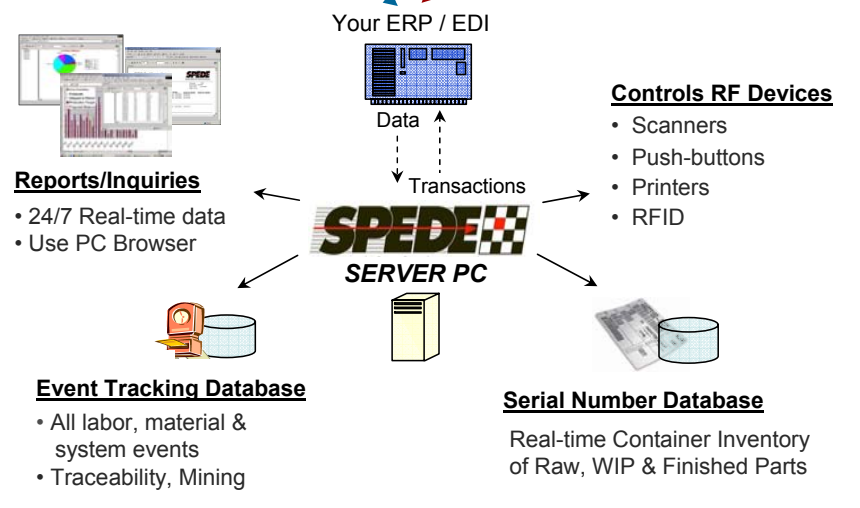
- Prints serialized internal labels
- Scan or RFID to Receive
- Verifies Receipts to PO or EDI
- Begins Lot / SN Traceability**
- Scan to record Putaways, Moves, Issues, Counts
- Real-time Warehouse Locator System
- Updates ERP automatically



Scan or use RFID to Issue to Production

WIP MODULE

- Prints serialized labels to identify each WIP unit
- Real-time WIP Locator System
- Tracks Outsourced WIP by serialized units
- Automates Production Reporting
- Continues Lot /SN Traceability**
- Updates ERP automatically



Reports/Inquiries

- 24/7 Real-time data
- Use PC Browser

Event Tracking Database

- All labor, material & system events
- Traceability, Mining

Serial Number Database

Real-time Container Inventory of Raw, WIP & Finished Parts

Controls RF Devices

- Scanners
- Push-buttons
- Printers
- RFID

FINISHED GOODS MODULE

Line-Side Container Labeling



- Prints the correct label automatically, on-demand in the work cell
- Just push a button or touch the screen to print a label; no PC to use
- RF Push-button or TouchScreen in the work cell triggers the correct label for the Part Nbr being made
- PLC can also trigger labels to print automatically

Scan the label to record a Production Receipt



Scan or use RFID to Load

Shipping Control

- Scan or RFID Pallet Serial # to Load
- Verifies Pallet is Correct for this Load
- Confirms Load is 100% Correct
- Sends ASN and Ship Txn Data to Host
- Continues Lot/SN Traceability to Ship-to site**

Inventory Control

- Real-time Warehouse Locator System
- Scan to record Putaways, Moves, Counts
- Scan to Pick / FIFO
- Continues Lot /SN Trace**



Pallet Labeling

- Scan carton Serial Nbrs to create Pallet Labels
- Creates serialized Pallet Labels:
 - Internal, Customer
 - Master, Mixed
- Ensures label is applied to the correct pallet
- Continues Lot /SN Traceability**

