

Oracle POS (360 Commerce) integration with EBS

A solution for Transit Agencies

October 24, 2011 (2:10 PM)

Presented By

Srinivas Chundu

schundu@astcorporation.com

Pavan Vallabhaneni

pvallabh@astcorporation.com



Agenda

Challenges

Oracle Point of Sale (POS)

Infrastructure

Technical Architecture

Integration with EBS

Reporting & Dashboards

Reconciliation

Questions and Answers

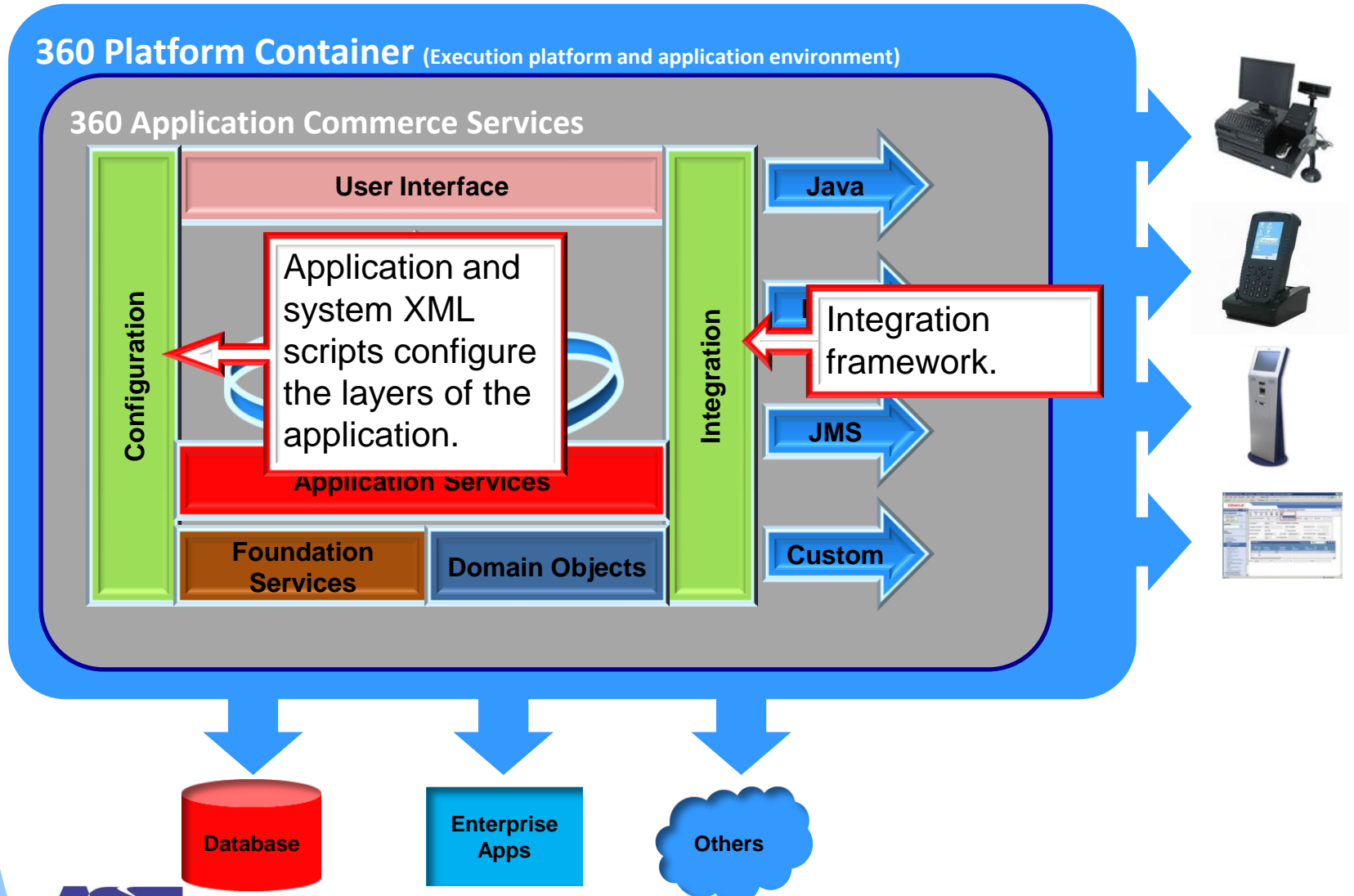
Challenges

- Implementation Challenges
 - ▶ Mix of applications
 - ▶ Multiple platforms
 - ▶ High transaction volumes
 - ▶ Quick response times
 - ▶ Scalability, Flexibility & Adaptability

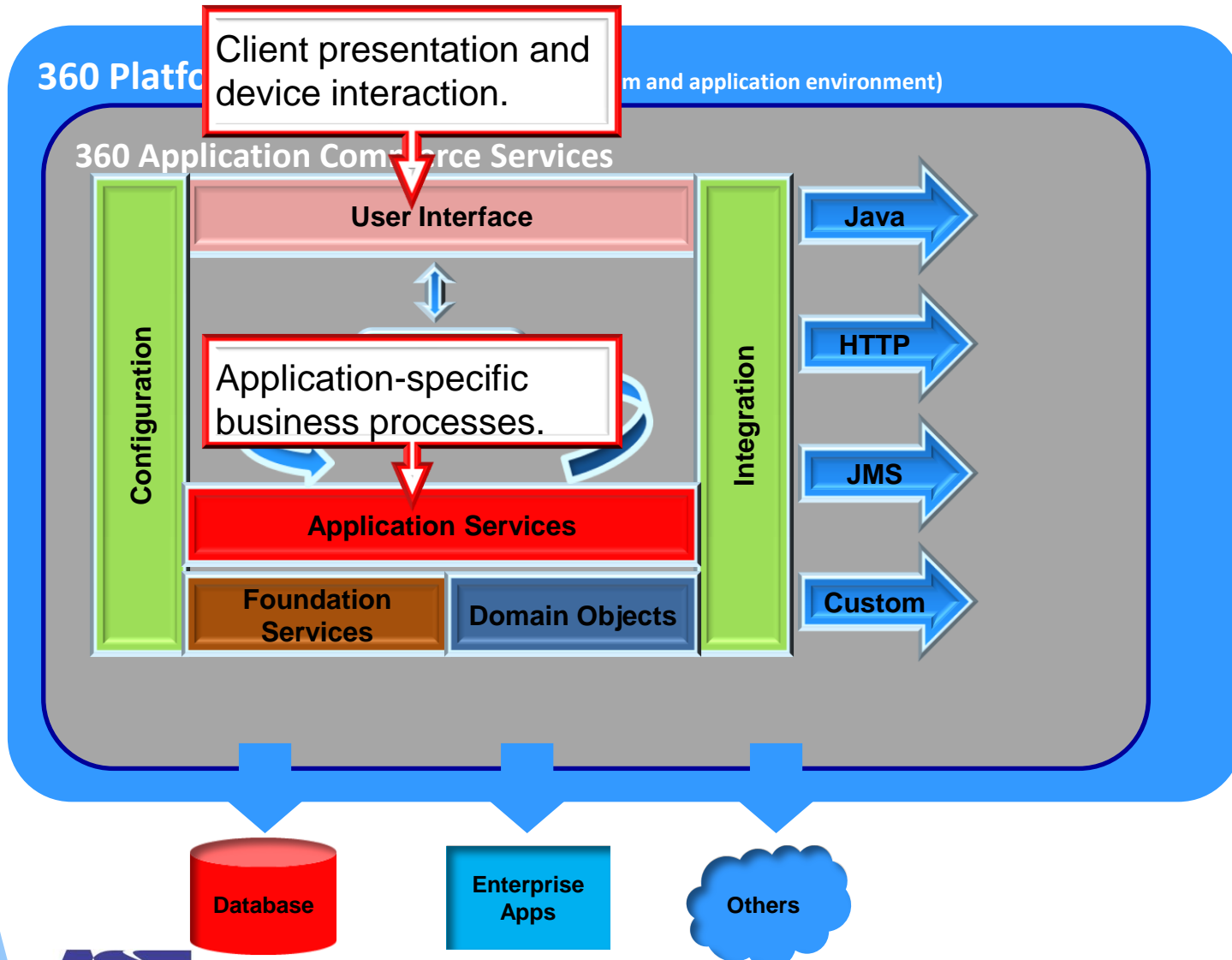
Oracle Point of Sale (POS)

- POS Architecture
 - ▶ Client
 - ▶ Server
 - ▶ Centralized vs. Distributed
- POS Capabilities
 - ▶ Multi-Tiered Architecture
 - ▶ Highly Available
 - ▶ Centralized Transaction Retrieval
 - ▶ Adaptability & Scalability
 - ▶ Customizability
- Hardware
 - ▶ Multiple Vendors
 - ▶ JPOS drivers

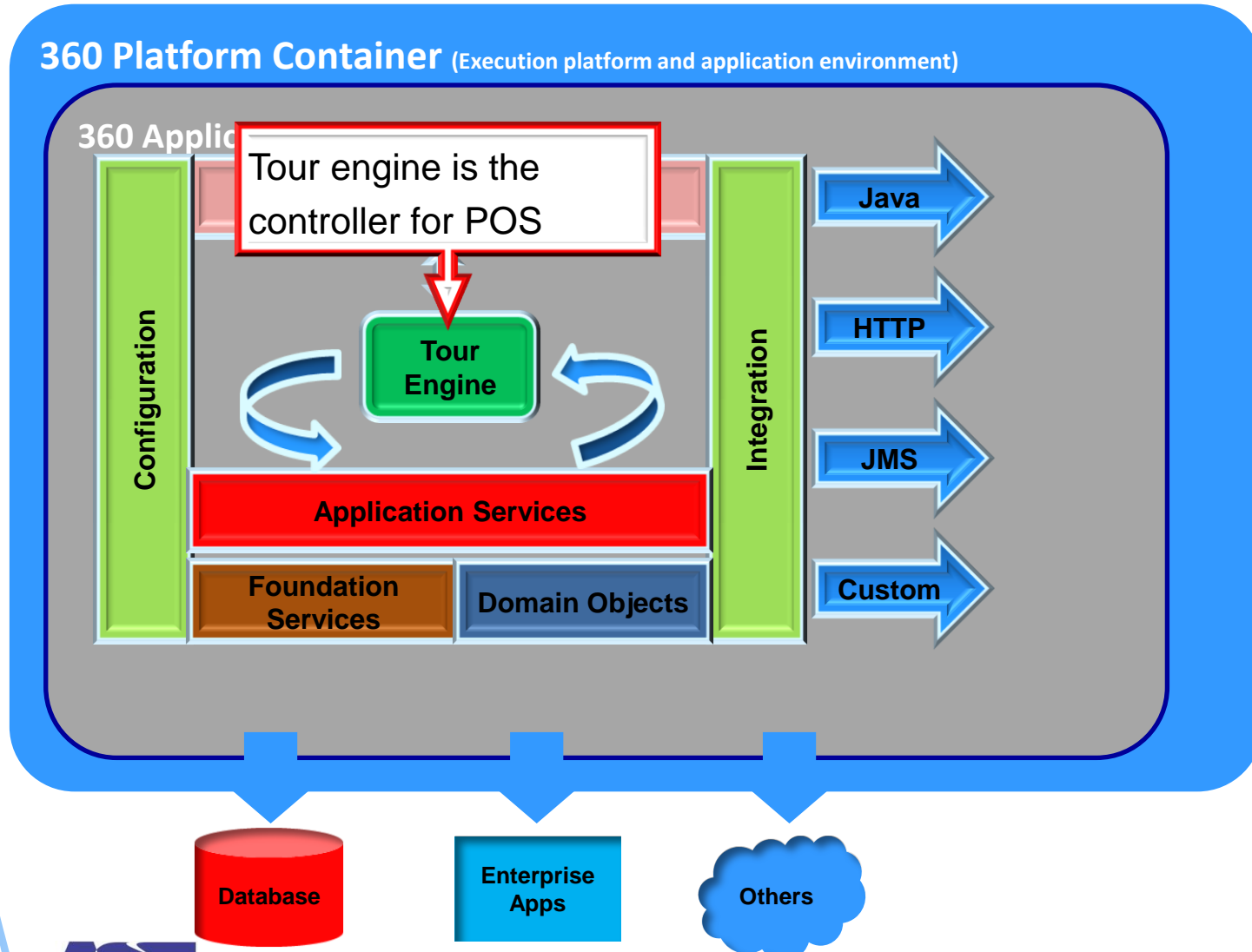
POS Client Architecture



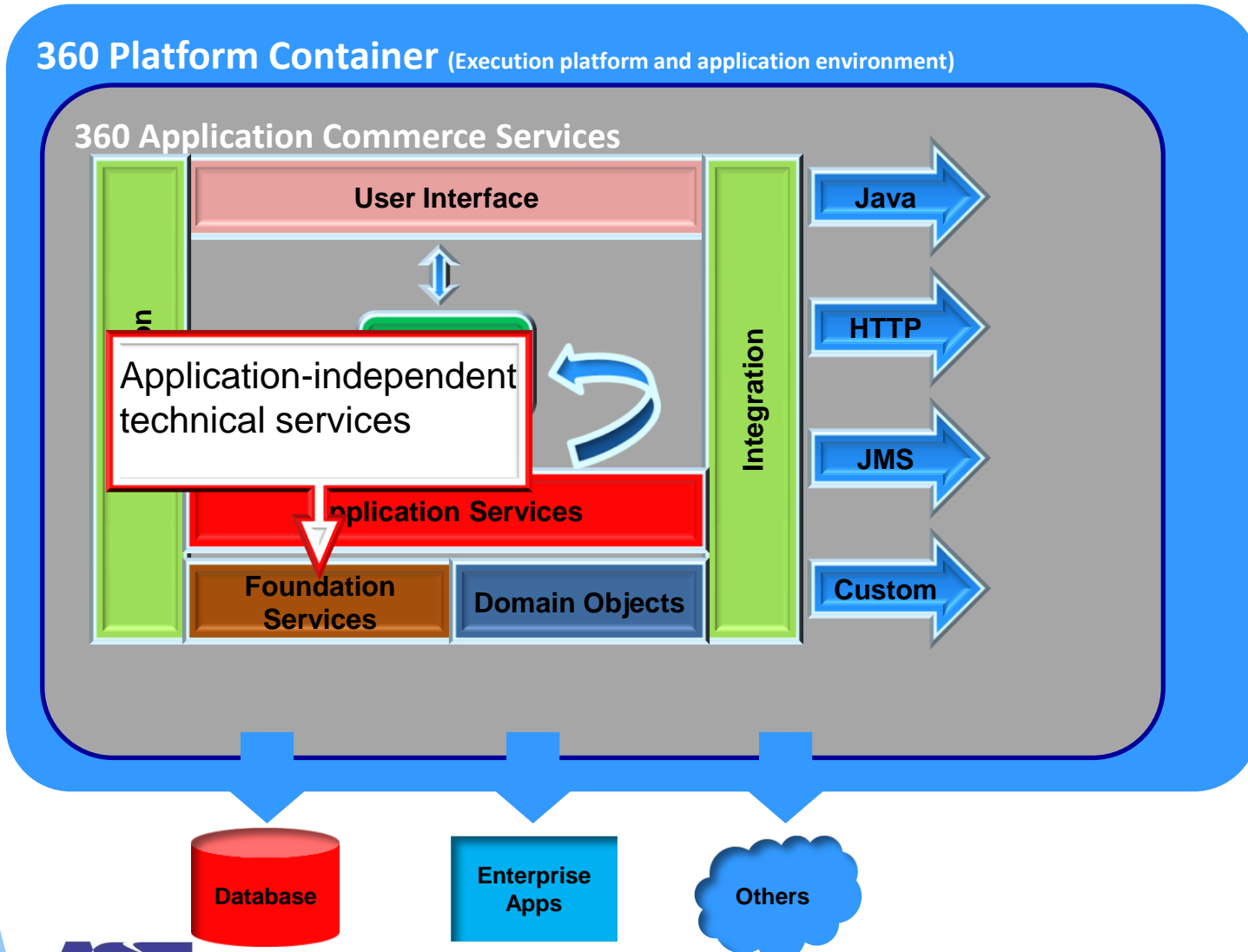
POS Client Architecture



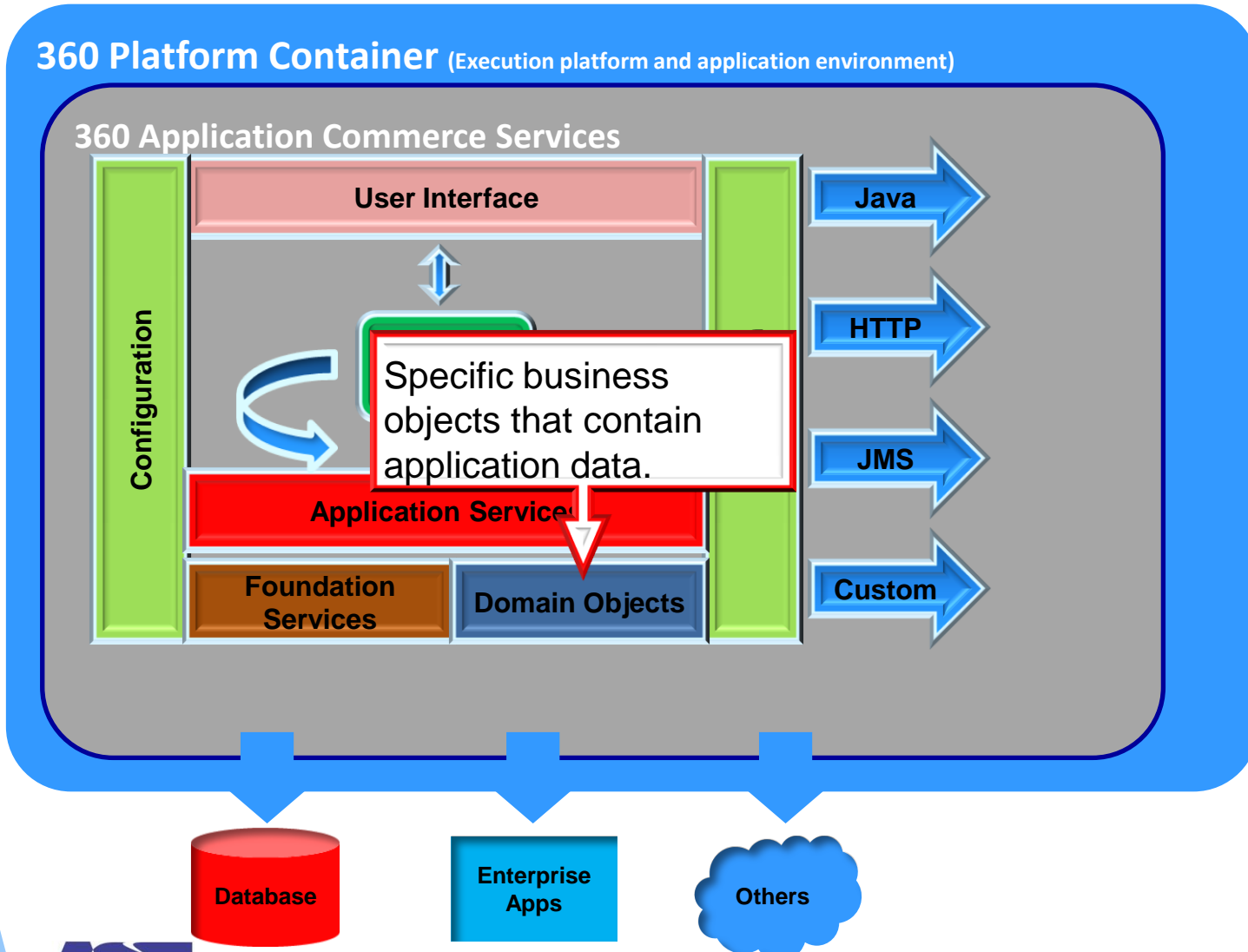
POS Client Architecture



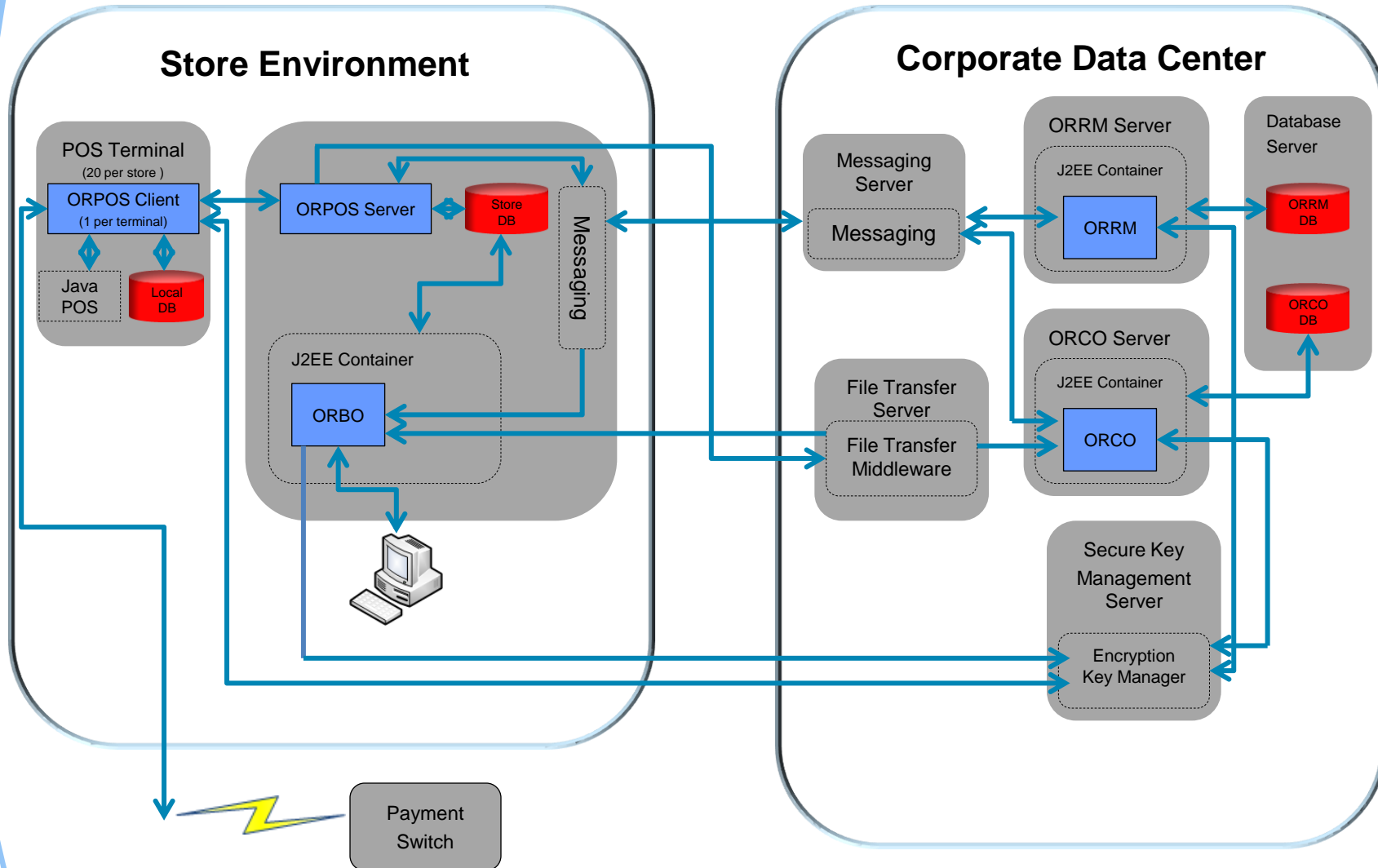
POS Client Architecture



POS Client Architecture

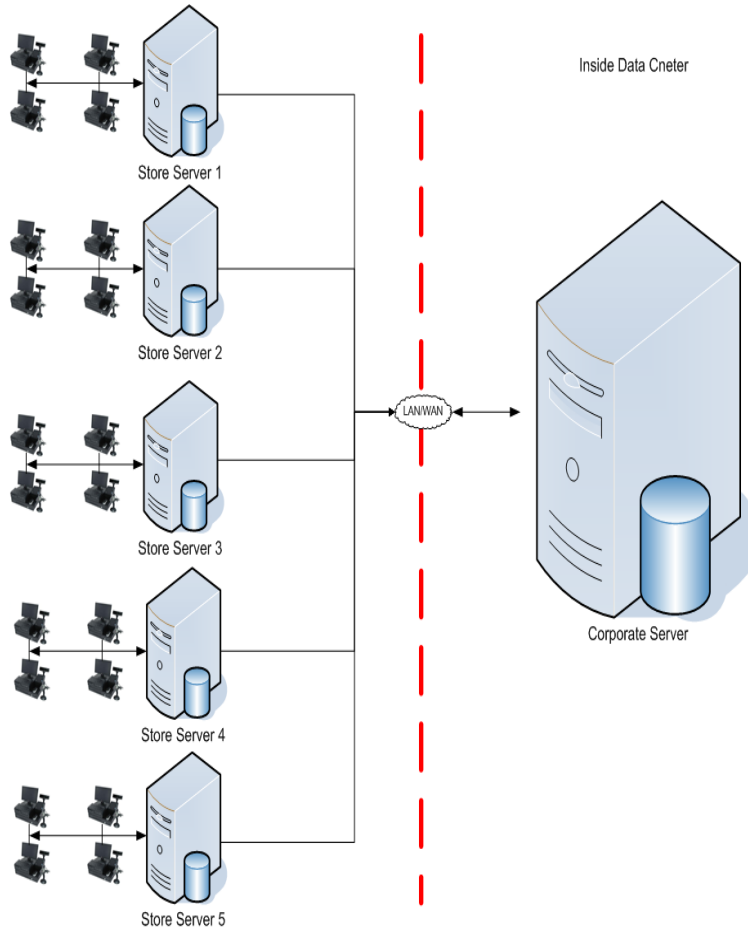


Server Architecture

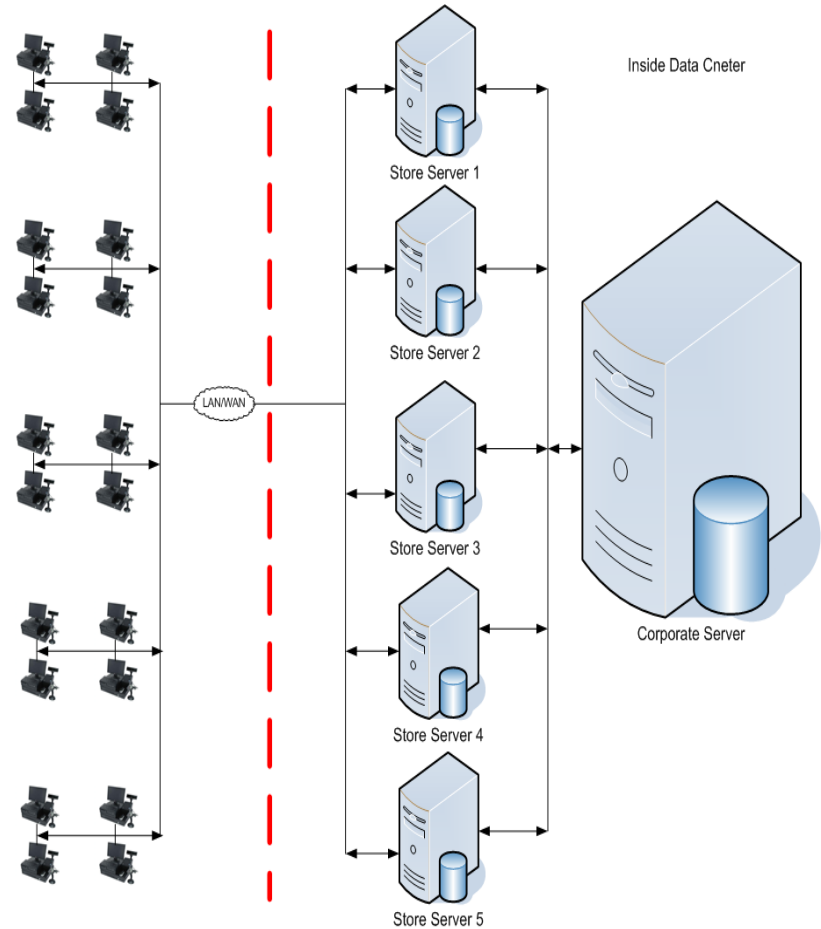


Store Servers

Distributed



Centralized



POS Capabilities

- Multi-Tiered Architecture
- Highly Available
- Centralized Transaction Retrieval
- Adaptability & Scalability
- Customizability

Hardware

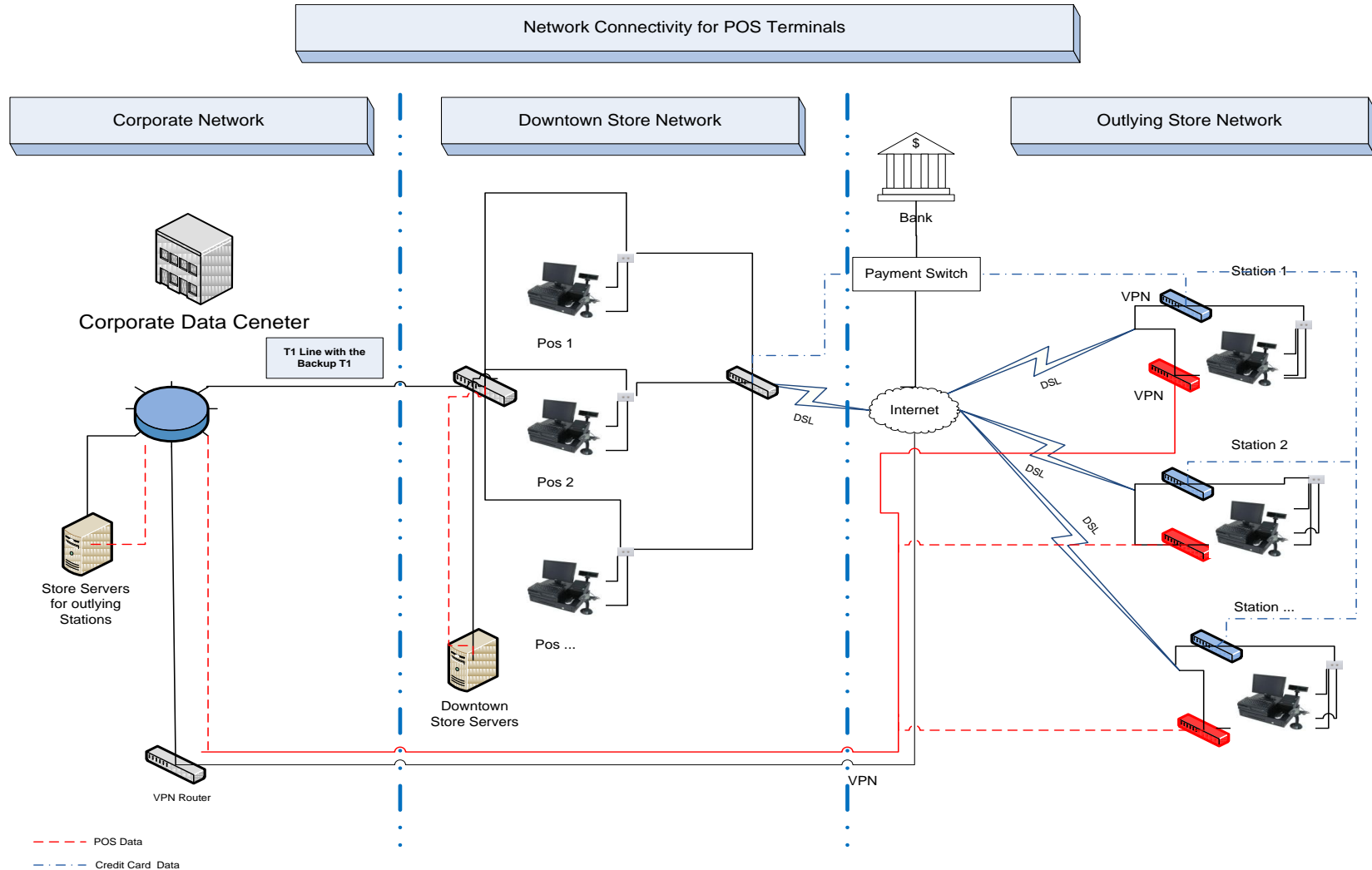
- Supported Hardware



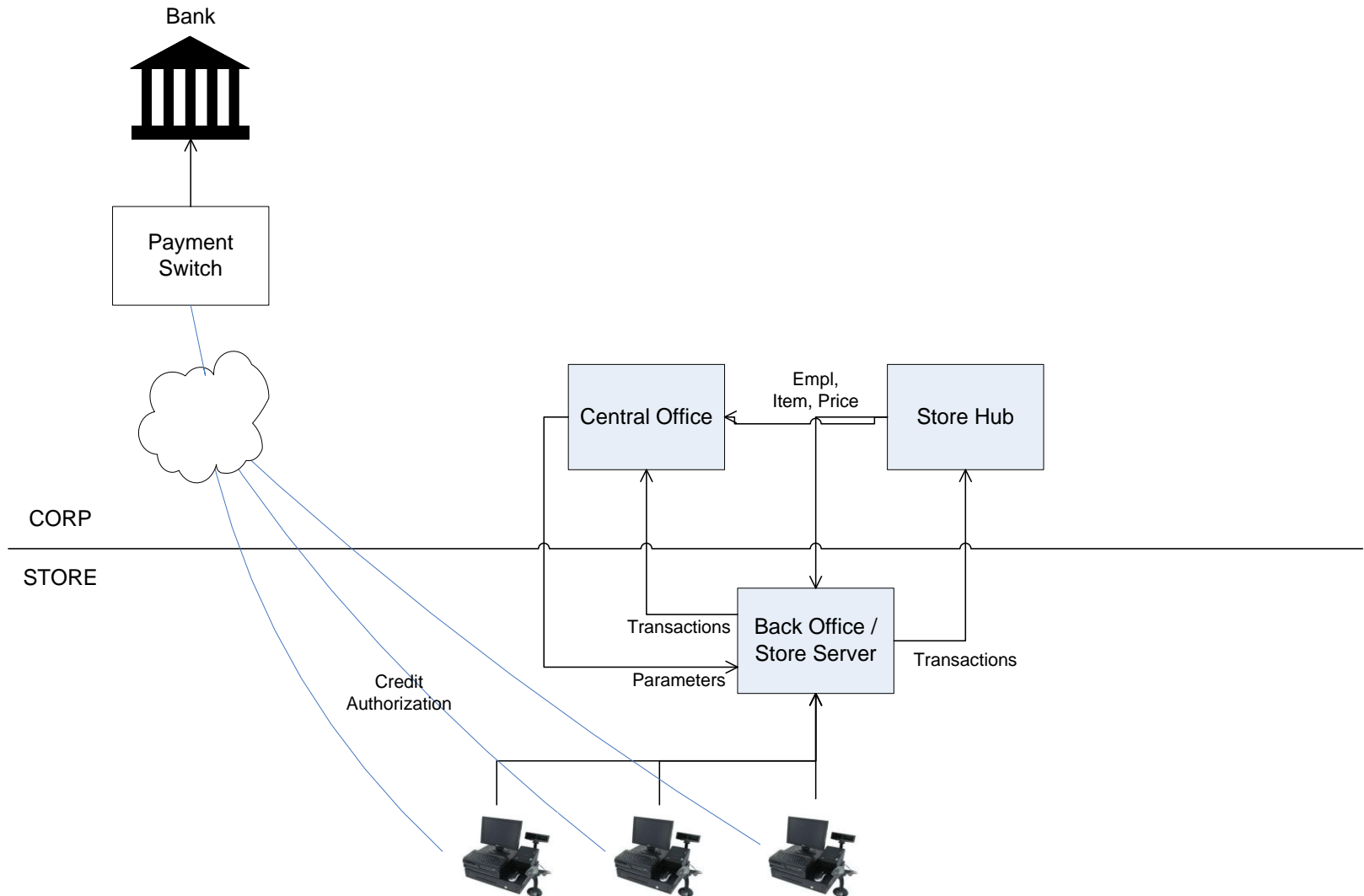
Component	HP Stack	IBM Stack
Register	HP POS rp5700RT047AV-POS	SurePOS 700 (741)
Cash drawer	HP cash drawer #EY024AA	IBM cash drawer
Pole Display	None	IBM pole display
Keyboard	HP USB POS #EY025AA	IBM keyboard
Scanner	HP USB #EY022AA	Symbol Scanner LS2208
PIN Pad	Ingenico eNtouch 6580 Verifone MX860	Ingenico eNtouch 6580 Verifone MX860
Credit Card Reader	HP USB MSR #EY026AA	Ingenico eNtouch 6580 Verifone MX860
Receipt Printer	HP USB Thermal Receipt Printer #EY023AA	IBM printer 4610 IBM printer 4610-2CR

- JavaPOS is the industry standard for Java compatibility for retail-oriented devices.
- Common devices used with point-of-sale are listed above
- Any JavaPOS-compliant peripheral devices should work with Oracle Retail Point-of-Service, however, some may require software modifications to work properly

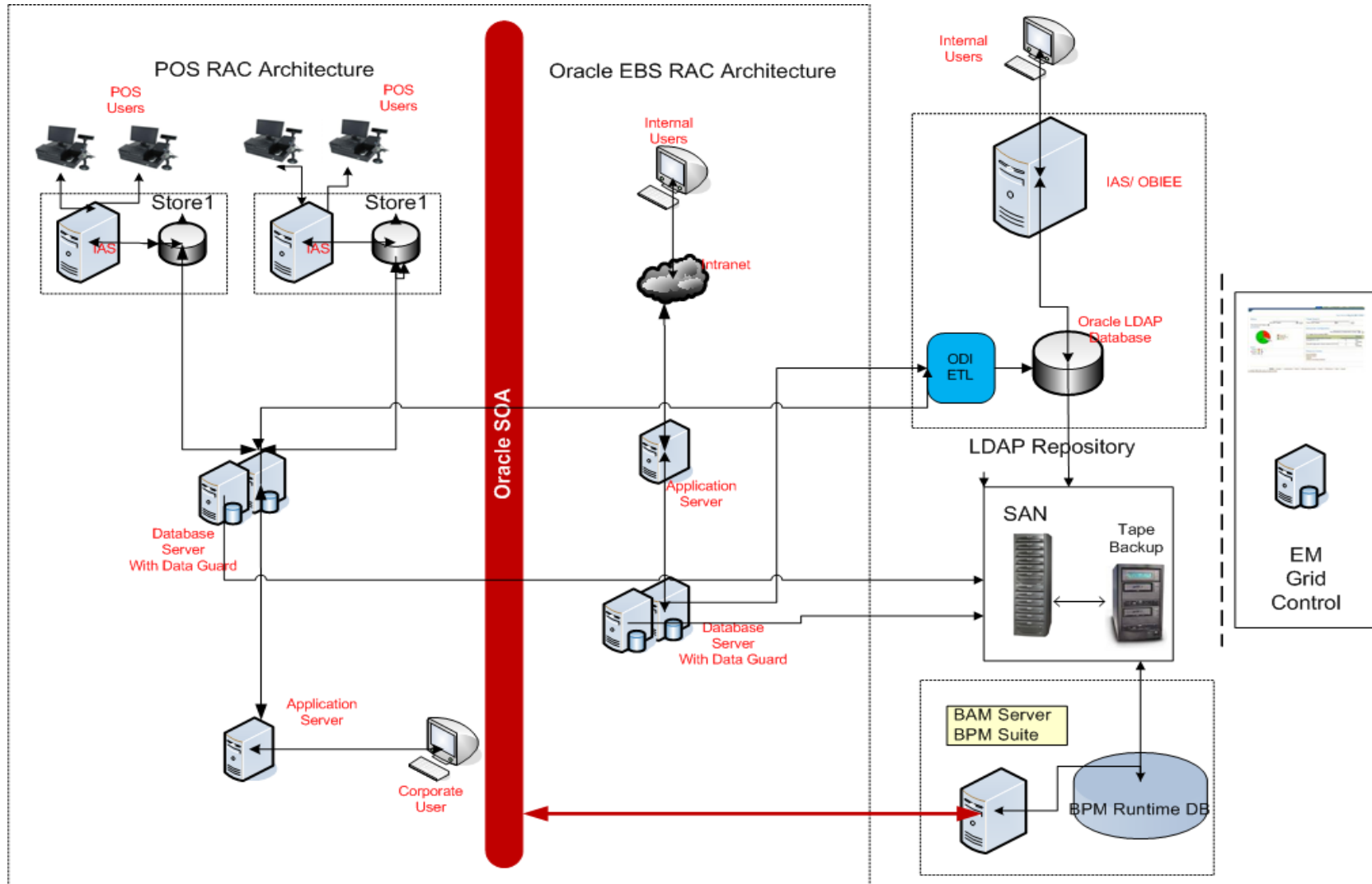
Infrastructure



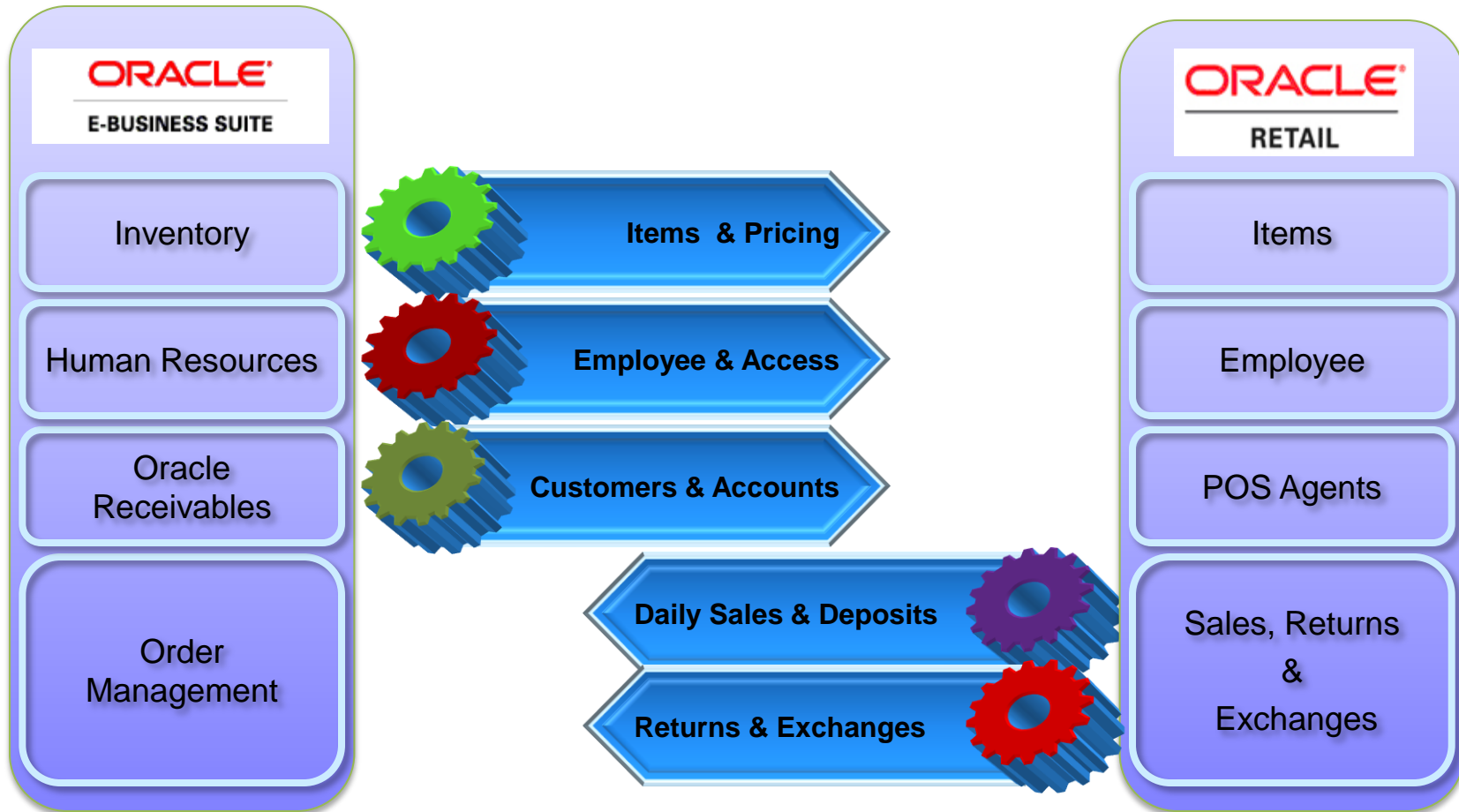
Infrastructure...



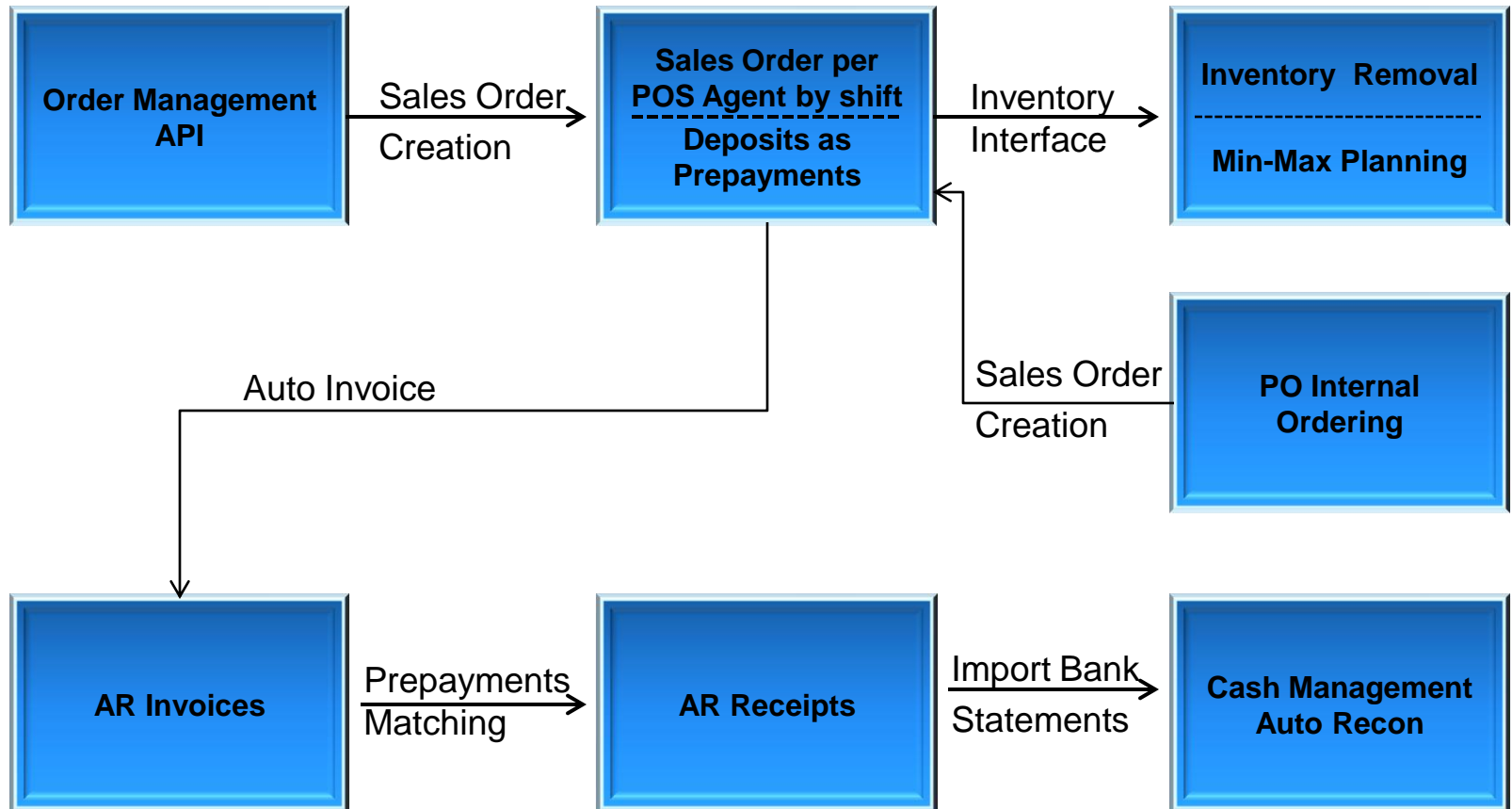
Technical Architecture



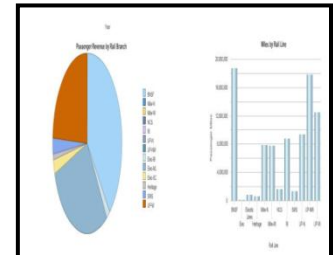
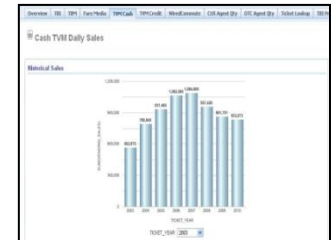
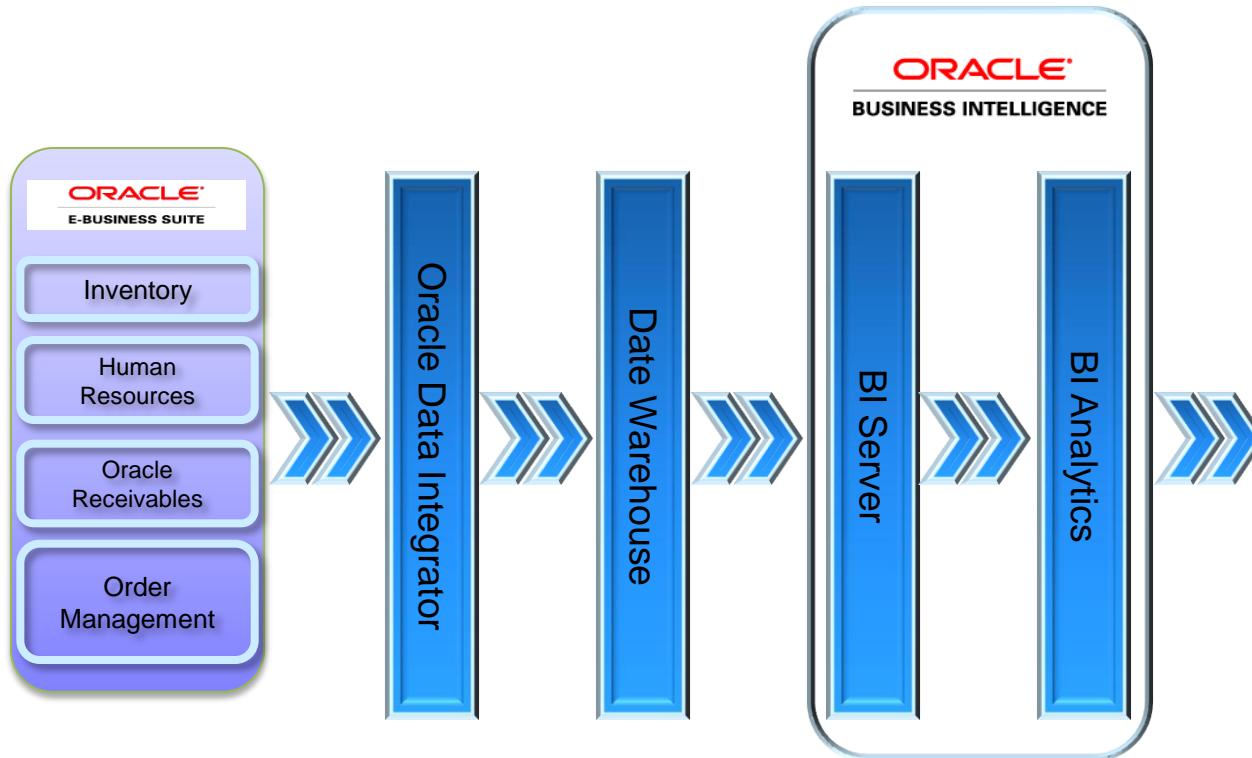
Integrating with Oracle EBS



Integration....

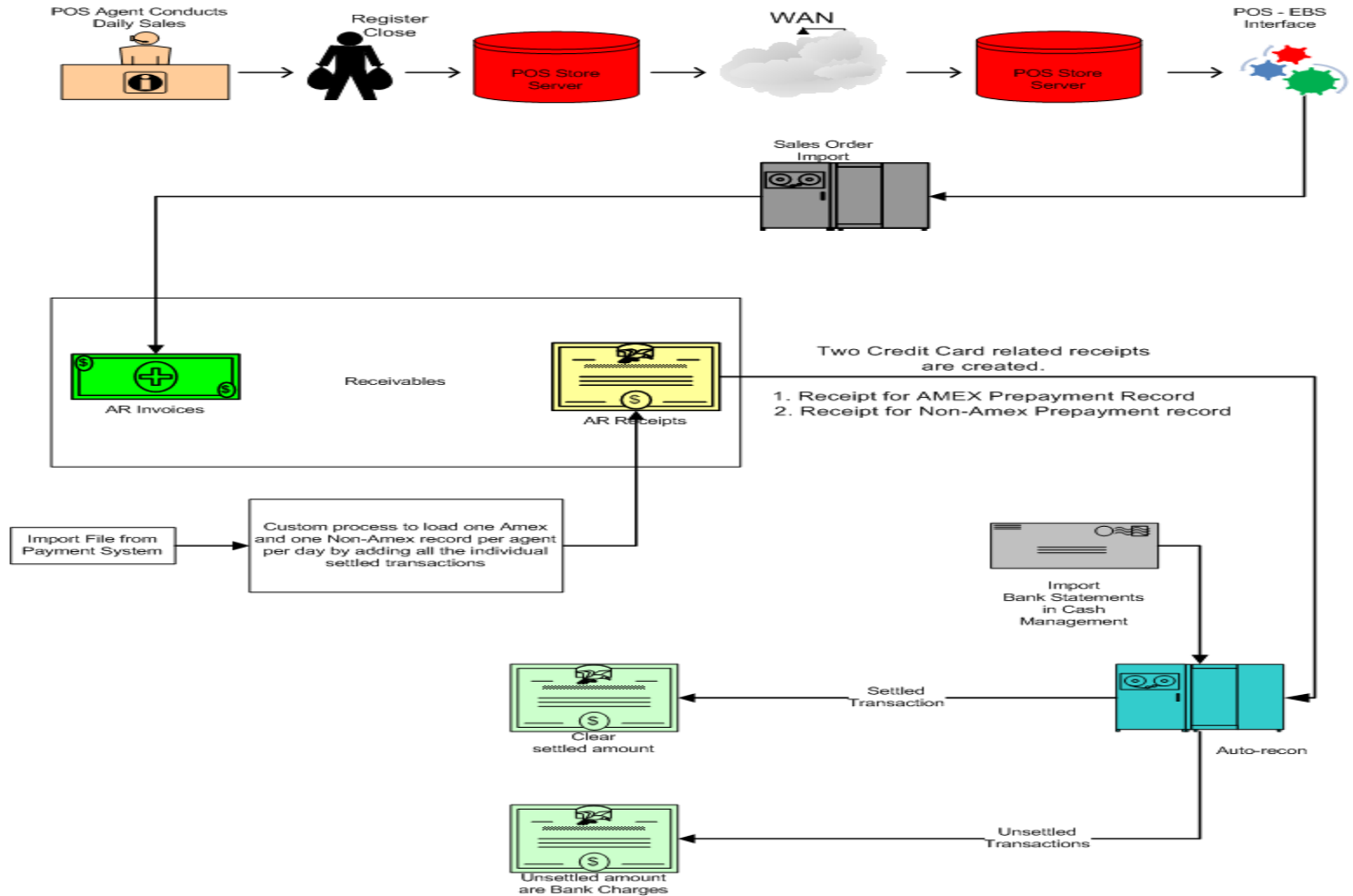


Reporting & Dashboard



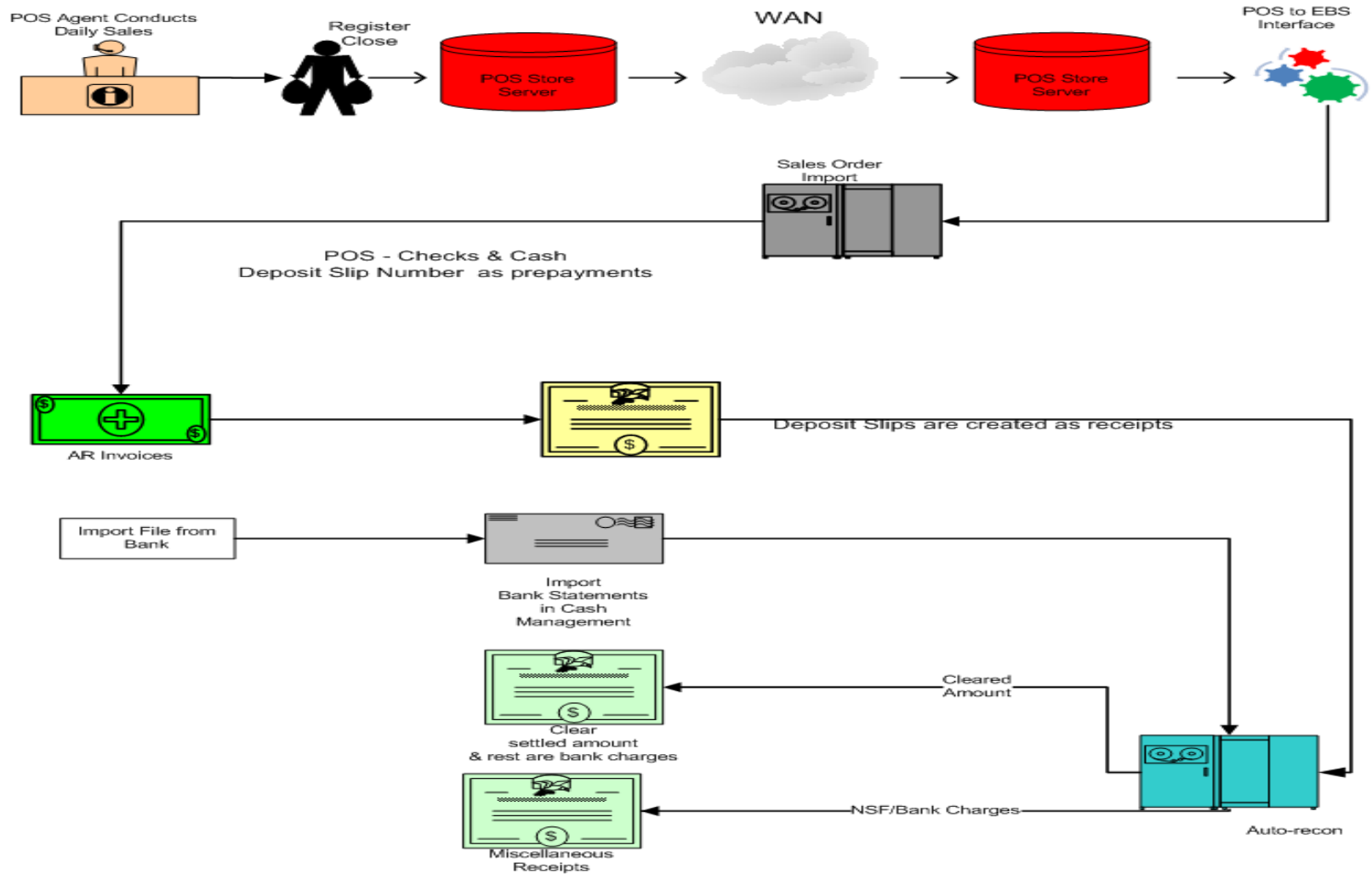
Reconciliation

POS Credit Card Transactions



Reconciliation...

POS Cash & Check Transactions



Questions and Open Discussions



Contact Information

Srinivas Chundu

Email: schundu@astcorporation.com

Phone: 630-747-7021

For Presentation Copy Visit

www.astcorporation.com/papers