

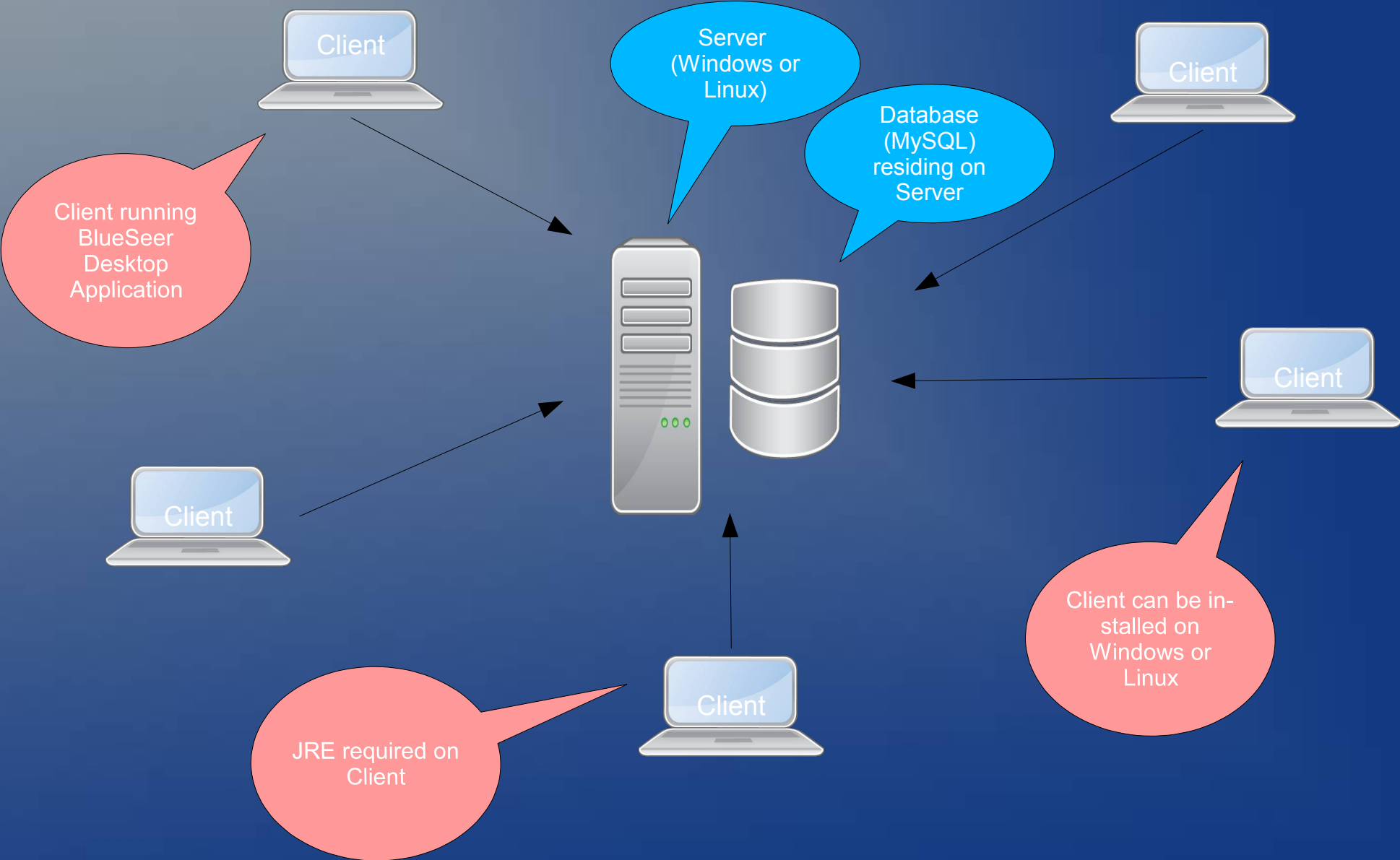
Blueseer ERP



Overview

- Architecture
- Client / Server Notes
- Menu Driven
- Security
- Customization
- JasperViewer/JFreeCharts
- Features
- Benefits / Conclusions

Architecture



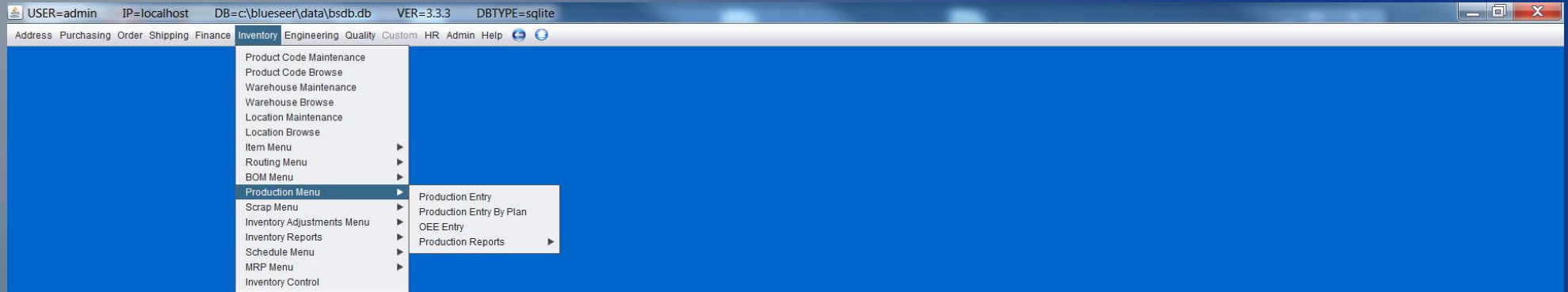
Client-Side

- Java Run Time (JRE) required on clients
- Any Client OS that supports JRE will work
- Client Desktop GUI application
- “Heavy Lifting” done by clients

Server-Side

- MySQL database engine required for Prod
- (Demo version comes with SQLite)
- Very little server-side processing except Database and scheduled jobs
- Windows or Linux can host database

100% Menu Driven



Security

- Menu access assigned by Administration
- Each user can have distinct access to menus
- Application level security (Default)
- Implied login security is optional
- Menus have optional visible toggle

Customizable

- Blueseer is a NetBeans Project
- All menus are individual JPanels
- New Menu = New JPanel
- Menu and JPanel Class stored as database record and administrated via Application
- Custom directory for overriding default menu class paths

Features

- Double Entry General Ledger
- Auto Reporting Ledger Entries by Product Code
- Standard Costing (5 elements)
- Multiple Level Bill Of Material
- Accounts Receivable
- Accounts Payable
- Inventory Tracking
- Production Reporting
- Scheduling
- MRP
- Warehouse Management
- Transportation Management
- EDI
- Label Generation and Scanning

JasperView for Print/Reports

The screenshot shows the JasperViewer application window. The title bar reads "JasperViewer". The interface includes a toolbar with navigation and printing icons, and a zoom level of 56.22%. The main content area displays an invoice report with the following details:

INVOICE

MFG Company
Dusty Way Canyon Road
0

BILL TO:
Walmart Stores and DC
702 Sw 8th St
0

SHIP TO:
WALMART DC 001
0

2119
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Inv Nbr: 2119
Inv Date: 2017-11-15

Remarks:

Carrier	Ref Nbr	Freight Class	BOL	Misc

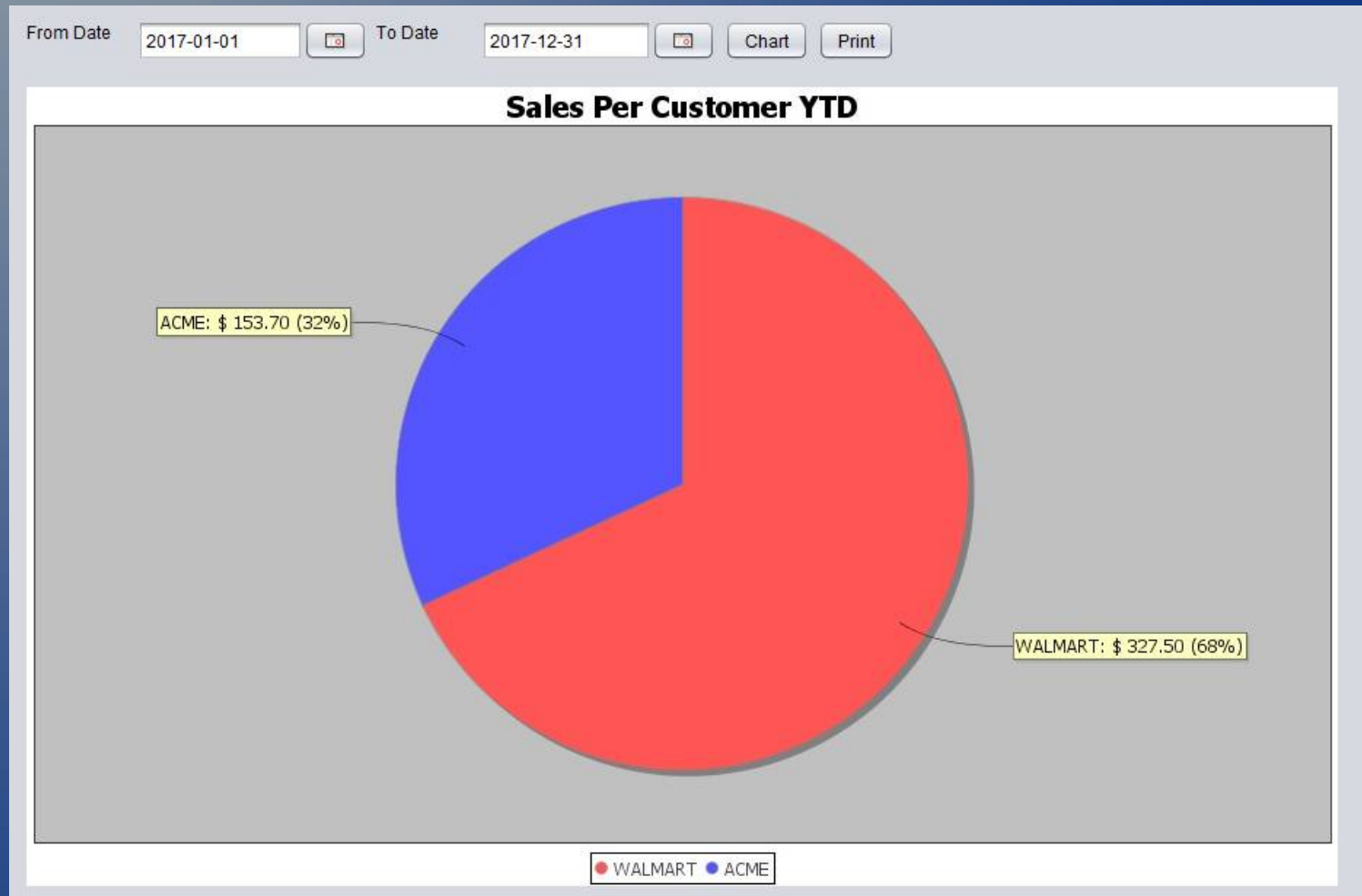
Item	CustItem	Description	PO Nbr	Qty	NetPrice	Ext Price
10-1001	10-1001	ballpoint pen	test	555	\$ 0.50	\$ 277.50

Summary

Total Gross Price:	\$ 277.50
Freight	\$ 50.00
Total Net Price:	\$ 327.50

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Charts using JFreeChart library



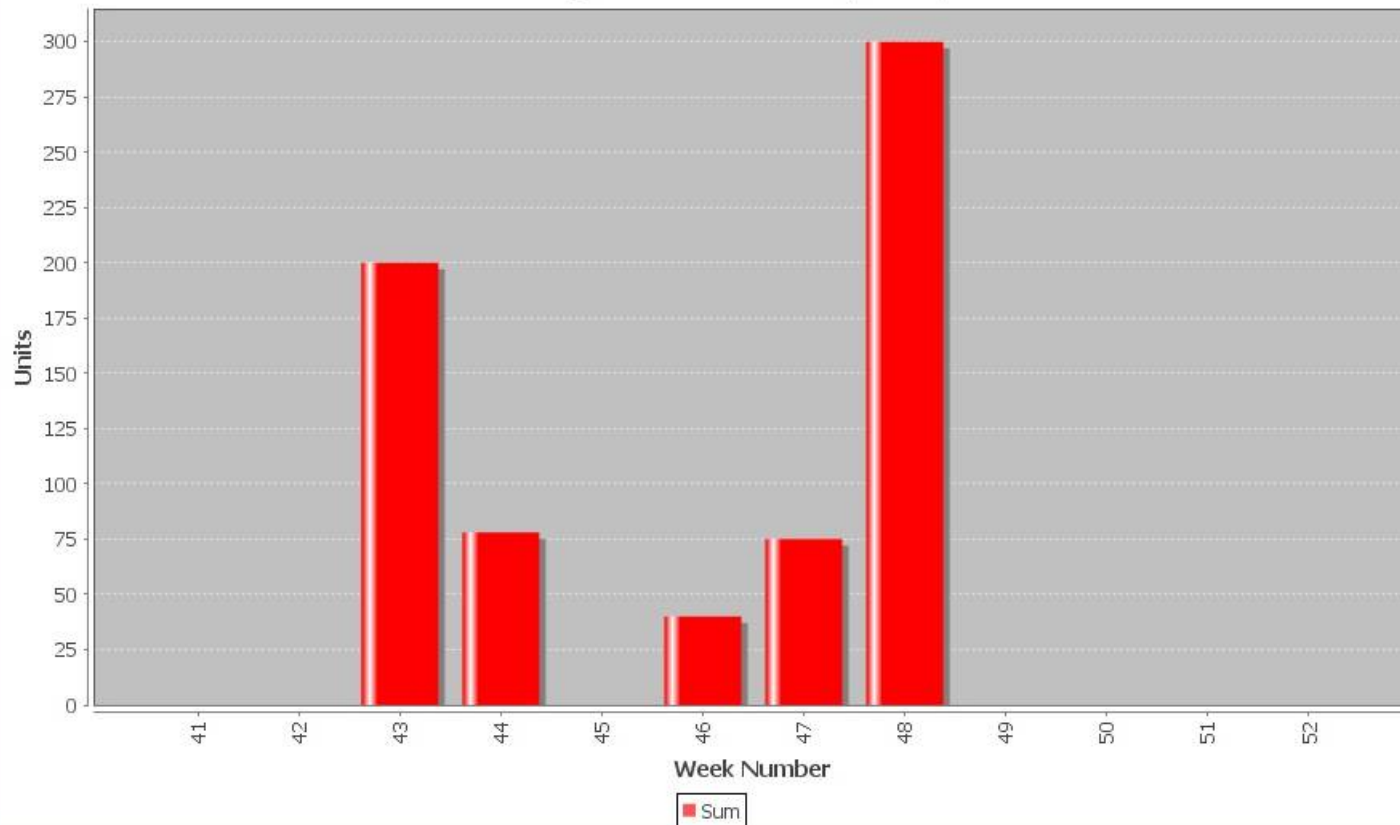
Production Reporting

From Date: 2017-10-15 To Date: 2017-12-31

Chart

Print

Weekly FG Production (Units)



42 = 2017-10-16
43 = 2017-10-23
44 = 2017-10-30
45 = 2017-11-06
46 = 2017-11-13
47 = 2017-11-20
48 = 2017-11-27
49 = 2017-12-04
50 = 2017-12-11
51 = 2017-12-18
52 = 2017-12-25

Benefits / Conclusions

- A free open source ERP
- A free development stack (Java / MySQL)
- Larger pool of Java / DB developers to keep costs lower as opposed to proprietary technology
- Easily customizable with generic functionality right out of the box
- Cost primarily a function of implementation and customization
- Vastly more cost effective than proprietary software
- Community of developers to support and/or customize