

Deployment Document

Despite the system's verbosity, the hardware needed to deploy this software is rather small. The system is designed to run over the Internet and viewed through browsers such as Netscape or MS Internet Explorer (MSIE). The software is to be created primarily by the use of Java Servlets and other Java components (Beans, JSPs . . .). This system can be upgraded easily to support internet accessibility.

As with any internet program, a web server is needed. Although we could have used the free Apache web server with JRun as the Java Virtual Machine, we prefer to use IBM's Java Web Server because of its simplicity. The servlets reside on the Web server. It is the web server that takes the majority of traffic,

We will transfer the existing Customer database and Product/Service database to Oracle 8i. In addition to the existing databases, the new data storage area for invoice transactions will be on Oracle. Oracle and the Web server are directly connected via a gigabit Ethernet.

Deployment is rather simple. The user need to be connected to the network. Because of Bubba HVAC's size, we suggest using a hub-based network. All the client computers are connected to the hub, which is in turn connected to the web server.

Diagram



