



*Noteworthy Information  
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## “Port Project” with “Green Results”

*Client: Large International Manufacturer of Consumer Electronics*

### Project

The client was running on an enormous, proprietary computer system (superminicomputer) with an antiquated database that required a massive amount of electricity and air-conditioning. To make matters more difficult the company that sold them the hardware and software had gone out of business many years previous. Our client needed a faster computer system with more disk space for larger amounts of data. Additionally, they needed software and hardware that was capable of doing business over the internet.



### Solution



The client replaced their existing hardware and database with a new, efficient Dell PowerEdge server running jBASE on top of the Linux OS. The PowerEdge requires about 1/10<sup>th</sup> the power that their old superminicomputer consumed. Additionally, it provides the speed and inexpensive disk space required for

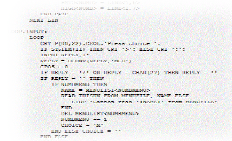


future growth of their business. The upgrade path for the PowerEdge was significantly cheaper than their previous hardware. Red Hat Linux was chosen for its performance, stability, and security. Moving to Linux meant that they would not be tied to their old, costly, proprietary hardware. jBASE was chosen to run their business applications because of its superior performance and ease of conversion. Our job was to re-host the business application source code by converting portions of the code to run efficiently on jBASE. The re-hosting project included “cleaning up” the source code files and implementing stronger source code control. We analyzed over 6000 programs, removed duplicates and consolidated them into just over 2000 unique programs.



### Results

Once the port was complete and the new system was up and running, the client was able to better maintain their business application and begin their eBusiness projects. Eliminating the unused programs from the port project not only saves disk space, it gives the programming staff an uncluttered development environment for better source code control. The IT staff saves time and the client saves money. Now each developer has his or her own development space. When a developer completes a programming project, the software is moved to another location for quality control testing and approval. When the software is approved by the user and management team, the programs are moved into production. This method of keeping the development, testing, and production spaces separate, keeps the business application development environment manageable.



*For almost 30 years Noteworthy Information Technology (NIT) has been providing businesses with hardware and software solutions that solve critical business problems. Each business has its own unique dilemma and NIT is able to create customize services and solutions that bring our clients desired results. For more information, visit our website at <http://www.NoteworthyIT.com> or call 562-421-6121.*