

## Driving e-Court Juristic Management in Jiangsu China.

When the Jiangsu provincial government sought to modernise juristic management of its courts system, it was Fujitsu who were the successful bidders in supplying the necessary server solutions.

One of China's developed provinces with good communications, Jiangsu, situated to the west of Shanghai, covers an area of over 100,000 sq kms and has a population of some 65 million people.

At the turn of 21 century, Jiangsu court sought a total solution including the system of juristic judgement, law case state, jurist dating, and case record, etc. It also needs to support the office automation and daily management, such as human resource and chief justice judgement supporting system.

**Business :** Government  
**Products :** PRIMEPOWER 200, 400, 600, ETERNUS GR710  
**Solution :** Integrated Juristic Management Information System  
**Application :** Sybase V12.0

### Requirements

- ◆ Solaris server running Sybase Database
- ◆ Ongoing stability and power of the server platform under high performance environmental conditions
- ◆ Good connectivity to other applications and systems
- ◆ Meet the requirements for computer-aided management

### Results

- ◆ Prompt response times under multiple conditions
- ◆ Systematic and reliable juristic case data input, filing, and management
- ◆ Simplified work processes and improved efficiency of court system
- ◆ Provision of a more open and neutral environment for the court



### Basic Requirements

The system requirements sought by the Jiangsu court administration were:

1. Enable the introduction of an e-Court solution for their provincial juristic management information system, covering a total of 123 courts in more than 50 locations.
2. Build a centralized IT infrastructure based on reliable Solaris servers and open platform storage systems.
3. Introduce an Office Automation system, using computers in all aspects of court work, to replace traditional paper based methods.
4. Improve Court efficiency and data access, by the inputting of everything into a reliable computer system. Plus build the system using the latest technology to better meet future scalability needs.

### Overview

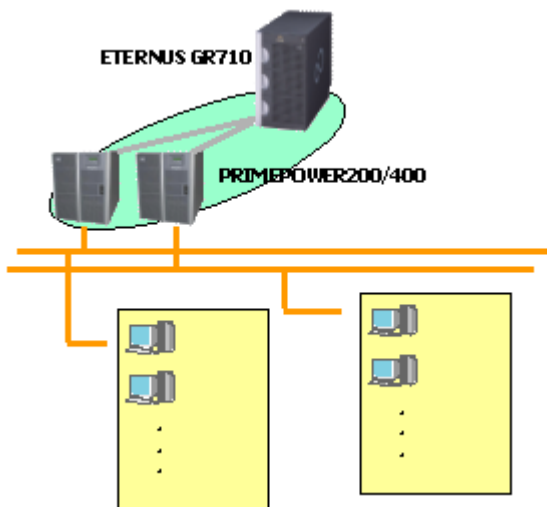
The system would be based on the Integrated Juristic Management Information System, e-Court software, being developed by Yihao ( a major local software developer). This system needed to be deployed on a range of servers and storage equipment that would scale and match the extensive solution rollout across the province. The scalability of the computer system had to match the ultimate goal of building four levels to the network; from the provincial court down to municipal courts, then from municipal courts to county courts and finally down to town court level.

### Why Fujitsu was chosen

“We decided on Fujitsu as our server and storage supplier in the end because we believed Fujitsu can offer us better products and services.” Said Mr. Shen, Head of the Jiangsu court IT support department. “First, during demo machine testing, Fujitsu proved to us the stability and availability of PRIMEPOWER. Second, Fujitsu offered a better price than the competitor when we had a limited budget for the first site of the e-court system. Third, based on our concerns for business continuity and high reliability of the system database we decided on Sybase. Fujitsu’s PRIMEPOWER was fully compatible with Sybase.”

### The basic e-court environment

Then following diagram shows the system used to prove the concept at the first site.



### System Benefits Summary

- ◆ Cost savings and greater work efficiency
- ◆ Improved office automation
- ◆ Higher processing rates
- ◆ Improved court fairness and transparency
- ◆ Good communication between the different levels of courts

With documentation now transformed into digital data, a significant saving was made in filing, paper and information retrieval. “Whenever you need to research a case from 1 to 10 years ago, you just need to wait a few seconds after inputting a few keywords, rather than manually searching through huge physical document archives.” A 1TB based ETERNUS GR710 storage system provided the reliable storage for the initial project.

Now with most business managed through the computer network, the change in work process has inspired greater efficiency in the courts.

Case fairness in the courts has also improved. With case application and determination done by computer, any weaknesses introduced through personal inference has been eliminated.

The chief justice will also be able to see an online report on each municipal court, on his desk with the completion of the network connection between the provincial court system and the various municipal court systems.

### Fujitsu’s presence is growing.

18 months from the installation of the first system, with court solutions being rolled-out across Jiangsu province, the installed base of Fujitsu equipment continues to grow. At time of writing:

35 x PRIMEPOWER400  
13 x ETERNUS GR710  
5 x PRIMEPOWER200  
2 x PRIMEPOWER600

have been installed.

### Customer and Partner Comments

Although Fujitsu was relatively unknown in Jiangsu prior to this contract, the actions of the local subsidiary has placed them in an enviable situation, as shown by the following resulting comments:

*“We were under pressure from all sides when we first chose Fujitsu PRIMEPOWER, but after successful implementation at the first site, we never had concerns about Fujitsu’s products or services any more.”*

----- *Jiangsu Court IT manager*

*“We are happy with the cooperation between Fujitsu and Yihao. We will continue the alliance to provide more solutions to the e-Government movement in the Jiangsu province.”*



-----*Mr. Wan Ju, General Manager, Yihao Net&System*



Mr. Cheng Bin  
Sales Director,  
Yihao Net&system

*“We will continue our alliance into future because we are happy with the Fujitsu services. We had not had a serious problem since the first PRIMEPOWER system was installed over one year ago. Fujitsu’s engineers showed us the service quality when they made the annually maintenance check at our data center, and they have given us a lot of sincere and beneficial advice.”*

### Future Developments

*“Initially, we only thought of the e-court system as a tool to assist with juristic management. Now we are finding that all our businesses relies on the reliability and availability of this e-court system, with everyone developing the habit of using the system to speed their daily tasks,”* said Mr. Cheng Bin. *“The Jiangsu court staff are now thinking of upgrading the system and network bandwidth next year, as well as enhancing the storage capacity.”*