

New NEIS(National Education Information System) construction Project chose HaansoftLinux 2005 Asianux Inside (x86_64).

Needs for an integrated and unified educational network system

- Ministry of Education & Human Resource Development established a plan to systematize a new network infrastructure in order to deal with all educational information and school affairs nationwide.

Object of the project

- Integrating all existing educational data which has been dealt with by each local school into sixteen designated Offices of Education and constructing new management system over the network to handle overall educational affairs.
- Efficient accessibility and practical data maintenance should be guaranteed as well as safety of the data in association with human right accordingly.

Customer Demands

- H/W, S/W and N/W equipment
- System optimization
- Standardizing policy and implementation
- Data backup and recover policy plan
- Security policy
- Counterplan for system failure

- Instruction for system engineer
- Technology transfer plan
- System maintenance

Required Solutions

- OS for servers, Database, Data encrypt solution, Deployment server and agent, Backup solution, Security solution

Implemented products

HaansftLinux 2005 Server Asianux Inside: Operating System by Haansoft

BackupXcelerator(BX): DB Backup agent by Ncerti

BackupXcelerator(BX): File Backup agent by Ncerti

KICA DB encrypting module: An encrypting module based on PKI by KICA

KICA EWS EL(KICA EWS Jfilter): Application security filter by KICA

Maxigent SD Agent: Deployment server and agent by Samsung SDS

Omniworker Agent: Enterprise management system by Nkia

UniSQL 6.3 : Database by KCOMS

Implementation Role of Haansoft

- As a Linux distributor, providing HaansoftLinux 2005 Server Asianux Inside and offering adequate implementation actions
- Deploying OS with proper configuration into more than 1,360 servers at the sixteen Offices of Education.
- Maintaining the servers and instructing other engineers.

Implementation

- Composing a master HDD with HaansoftLinux 2005 Server Asianux Inside and the other solutions and cloning it.
- Offering KickStart CDs for quick reinstallation and system recovery
- Establishing system backup and recovery policy
- Establishing security policy which has seven grades based on priority
- Standardizing the system according to the government recommendation

Project maintenance

- Dispatching engineers to each Office of Education for technical support, instruction and maintenance.

Effects evaluations

- Efficient and customized educational statistic system has been built for establishing educational policy.
- Transparency, productivity and efficiency of educational affair have been dramatically improved. Consequently, teaching staffs are able to pay more effort on teaching materials.
- Security enhancement prevents student information from leaking out.
- Integrated infrastructure makes it possible for public to have easy access to official documents issued at Office of Education without regional limitation.