Introduction of KADO

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Vision and Mission

• Organization Vision
  ○ Systematic and comprehensive digital gap reduction among social class, region, age and nation groups.
  ○ Improvement of information welfare for the deprived in particular and the public in general.
  ○ Global digital divide bridging leadership.

• Organization Mission
  ○ Form an informatization environment where the general public may benefit, regardless of economic, physical and regional diversity
  ○ Improve public information utility through national informatization education especially for the digital-illiterate.
  ○ Strengthen international cooperation and exchange for information divide closing and activate digital divide bridge between developing countries.
  ○ Promote a creative information culture through productive and sound information use.

Functions and Roles

• Functions
  ○ Form a common information access and utilization environment in which the digital-deprived may benefit equally from informatization
  ○ Affect a creative and sound information society through maximization of public digital capability and promotion of productive information use
  ○ Posit international informatization leadership via stimulation of international cooperation and information gap closing exchange

• Roles
  ○ Form an information access environment for the digital-deprived
  ○ Develop information gap closing technologies and related contents
Promote international digital gap reduction cooperation
 Provide national informatization training to induce public facility
 Raise social awareness of information gap closing; conduct PR
 Promote productive public informatization utilization; prevent misuse/abuse
 Develop information divide closing policies; conduct related research

Knowledge Info Management

- **Knowledge Information Resource Management**
  - KADO being designated as an exclusive organization for knowledge information resource management in 2005, we are planning to implement the projects to expand the digitalization of major knowledge information resources, to establish the network infrastructure of nationwide knowledge information DB, and to improve the system for using knowledge information resources.

- **National Total Search System Operation**
  - The system was devised to effectively systemize and utilize national information on academics, culture, science, ICT technology, history and the like. KADO is resolved to extend digital opportunity to everybody by successful management of the system.

- **IT Specialty Education for DB Constructing Work Force**
  - By executing IT specialty education for DB constructing work force based on the required number of work force at job site, we provide a program for countermeasure against unemployment by encouraging long term employment over temporary employment status.

Information Access Promotion
We are trying to establish an equitable information access environment for everyone to utilize ICT technology free of regional, physical and economic barrier

- **Local Information Access Center**
  - The purpose of IAC is to provide the public with free and easy internet access. The center is provided by regional government office and public organizations. Nine hundred and eighty-six centers throughout the nation have been established and operated since 2000.

- **Used PC Distribution**
  - Used PCs are gathered from the government, public organizations and private enterprises. The PCs are given free of charge to the under-served population such as boys and girls without parents, the disabled, those on public assistance and welfare facilities.

- **DOUMNARA(Contents Provision for the under-served)**
  - Doumnara (education land) is a portal web site which enables the under-served to search a variety of information. It complies with the web access standards for those who have difficulty using the internet due to physical disabilities.

- **IT Assistive Devices Provision**
  - The disabled who cannot afford to purchase expensive Information Communication assistive devices and special SW are supported through the matching fund (80% supported by government and 20% paid by individual).

- **IT Assistive Technology Development Support**
  - To promote convenience and informatization for the disabled in using IT devices, we support development of IT assistive devices for private enterprise.

- **IT Access Promotion**
To overcome the barrier of using IT products & services for the disabled or the elderly, and to provide everyone with equal access and use, we create an environment based on related standardization, research on actual condition, and education.

- **TRS Model Business**
  - To assist the hearing impaired or speech disordered groups who experience difficulties communicating through the telephone, we provide Telecommunications Relay Service (TRS) by text or visual (sign language) support.

**IT Education**

- **IT Education for the Disabled**
  - KADO is providing the disabled with practical means of rehabilitation such as adaptability enhancement and assistance for employment, and the education contents vary from entry level one to vocational education to become IT experts.

- **IT Education for the Elderly**
  - KADO supports informatization education for the elderly in seven classrooms at the post offices and at one hundred and twenty-three private institutions including social welfare centers, senior welfare centers, welfare info-communication associations and Korean association of seniors.

- **IT Education for the Illiterate**
  - KADO is striving to teach Korean language to the illiterate in order to let them join the information society. This will upgrade their quality of life by improving the efficiency of computer-aided literacy education and providing the illiterate with basic informatization education.
- **IT Education for the Refugees from the DPRK**
  - KADO is exploring ways to effectively respond to the digital divide between ROK and DPRK. We are guiding the refugees from DPRK to adapt themselves to the information society.

- **IT Education Content Development & Distribution**
  - We develop customized education contents and distribute them to education centers throughout the nation. An exemplary contents distribution is through providing instructors at each center with teacher training.

- **Instructor Pool for IT Education**
  - Instructor Pool for IT Education supports public organizations and social welfare facilities which lack instructors. The group being organized in 1997, more than 2,400 volunteers are currently working for the support group, and 212,260 people from 4,157 organizations have been educated here.

- **Lifetime IT Education Environment Creation**
  - We provide housewives, the elderly, the disabled, and provincial residents with IT education and internet use, hence solidifying e-life of the public.

### Info-Ethics

- **Info-Ethics Education**
  - **IT Education for Teachers**
    - KADO improves students' scholastic competency through training instructors to effectively use IT technology, and helps students prepare for the knowledge information society of the 21st century.
  - **Online IT Education for Teachers**
    - We encourage teachers to actively prepare themselves with info-ethics through online education.
  - **IT Education for Public Officials**
    - KADO is striving to bridge the digital divide among social groups by supporting the government's projects for informatization.
education. The work was launched for the military and boys/girls under protection.

- **IT Education for the Public**
  - We educate the public on adverse functions of informatization and proper remedies.

- **Info-ethics Education & Professional IT Instructor Training**
  - We nurture regional instructors who are expected to effectively educate the local residents on the adverse function, cyber crime, information security, and internet addiction.

- **Internet Addiction Prevention Counseling**
  - We are trying to correctly analyze the addiction status and to develop effective prevention methods and to counsel therapy.

- **Cyber Crime Prevention and Correction Project**
  - KADO initiated the work to prevent cyber crimes in 2003, and deployed cyber crime correction activities under cooperation with 22 probation offices in 2004. We developed a schooling program targeted for cyber criminals, and organized 'Cyber Crime Prevention Group' for operation focusing on middle and high school in capital area.

**Digital Life Promotion**

- **The Month of Digital Opportunity**
  - KADO designated June as the 'month of digital opportunity' in 1998 and held a variety of events throughout the nation. Ninety-two events were held in the 17th anniversary under the motto of 'u-Korea for the digital welfare society'

- **Korea Olympiad in Informatics(KOI)**
KADO has been searching creative IT human resources to lead the information society by holding KOI every year since 1984.

**University Students Programming Contest**
- Selected students are to compete in the International Olympiad in Informatics (IOI), International Science and Engineering Fair (ISEF) and ACM-International Collegiate Programming Contest (ACM-ICPC).

**Monthly Webzine for Digital Opportunity**
- No public relations media had been specialized in informing the public of the importance and achievement of bridging the digital divide. Since its first issue, the monthly 'Beautiful e-World' has played roles of informing the public of domestic and overseas digital divide reduction cases and adverse functions of informatization.

**NGO's Public Activity Promotion**
- KADO is promoting/supporting the IT public welfare activities with the private organizations and implementing joint cooperation businesses for information sharing targeted for the private organizations of each social sector.

**International Cooperation**

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**Korea Internet Volunteers (KIV)**
- With the international community, KADO started Korea Internet Volunteers program in 2001. KIVs, who are mainly composed of professors and university students, have provided IT training courses and other IT related volunteering activities to the local communities around the world to share IT knowledge and skills. We, KADO, believe that this project has so far contributed to the advancement of common wealth and peace of international society and promoted international friendship and
cultural exchange, not only international cooperation opportunity in the IT field.

• **Information Access Center (IAC)**
  - The IAC is designed to create an environment that the public benefit from IT and to give local inhabitants IT utilization opportunity and to promote IT cooperation between countries. The IAC is a complex space with various facilities such as a computer training room, an internet lounge, a seminar room. And it provides the local inhabitants with all sorts of IT training programs, high speed internet with free access and so on. Beginning with the establishment of Cambodia IAC in 2002, the work scope was expanded worldwide to Eastern Europe, Africa and ASEAN Countries. The centers were established in Rumania, Vietnam, Egypt in 2003, and in Philippines and Bulgaria in 2004, and in Laos, Tunisia in 2005.

• **Korea IT Learning Program (KOIL)**
  - KOIL aims to bridge the global digital divide by promoting international cooperation and providing a chance to learn, share and exchange ICT knowledge and information to ICT experts and to build human capacities among participating countries. Up to 2005 from 1998, KADO held about 150 IT training courses and had around 1,800 trainees from 90 countries. The invited trainees were IT related personnel mainly from government and public sectors as well as some private sectors worldwide. The main subjects of this program will cover several up-current IT topics at a national level such as National Informatization CIO, National Informatization Expert, and state-of-the-art technology courses like mobile, ubiquitous, e-learning, information security and so forth.

• **International Organization Cooperation Business**
  - Expand Korea’s right to speak and to possess the leadership in the international organization by strengthening the connection with international organization by directly participating in the international activity.