

## The first complete 3G network in the world

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**On March 1, KTF, the second-largest wireless communication service provider, launched a video call service, called 'SHOW', to access the speed download package. High on the basis of HSDPA technology, introduced for the first time nationwide, and opened the era of complete advanced imaging technology in the country.**

This HSDPA service has been available since last year, but only limited to 84 Korean cities. This time, the service has been expanded nationwide, and users of HSDPA can talk on their mobile phones while still viewing the talker image on the other end.

HSDPA is the abbreviated English letters for high-speed download package (High-Speed ??Downlink Packet Access, or High-Speed ??Downlink Protocol Access - HSDPA), 200 GHz frequency, platform technology for Third-generation (3G) mobile phones allow users to obtain data, image and other multimedia services as well as global roaming services.

It also allows users to download data 7 times faster than the current CDMA 2G platform. One of its main applications is a very clear picture call.



With the introduction of an image call service with HSDPA technology, the era of advanced digital imaging technology in Korea has begun because the national HSDPA network has been completed. Mobile communication service can be used anytime and anywhere as its name suggests.

The complete HSDPA network this time makes it possible to place calls with images and be implemented anywhere in the country with advanced technology. Mobile communications will not be limited to Korea, because HSDPA's global roaming service does not require any special technology.

HSDPA technology can also lead to other changes in future lifestyles. Basic services such as multimedia communication services and international roaming will enable users to organize remote meetings and treat illnesses, as well as deaf people who can communicate. By finger through the call takes pictures. In addition, many other unexpected changes, and new services may appear more and more.

Three-way mobile communication services are divided into WCDMA, developed from GSM and EV-DO of Europe, originating from US CDMA. Wide-range multi-segment code access (WCDMA) currently has 145 service providers and more than 80 million subscribers in 66 countries worldwide. Data development and optimization (EV-DO) currently has 52 service providers and about 40 million subscribers worldwide.

WCDMA 3G service was opened in 2001 by NTT Tokomo Company in Japan for the first time in the world. In Korea, the leading wireless communication service provider, SKT and KTF, also introduced the 3G service with EV-DO for the first time in 2002, and then launched services for WCDMA. and HSDPA.

Leading global mobile communications companies are fiercely competing to gain a bigger share of 3G mobile services. With the introduction of a picture-based call service with KTF's HSDPA technology, the world's first HSDPA network has been completed for the first time in the world.

## **Vu Anh Tu**

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