



The 3rd Iran Technology Exchange Forum on Proposed Technologies in the Field of Communications & Telecommunication

Photos by Sorrayeh Hatjji



✦ The third Technology Exchange Forum of the country, by the subject of communications and Telecommunication, held on 15 August 2007, at Pardis Technology Park. There were more than 200 participants who were; the owners of selected related technologies, universities' professors, representatives from telecommunication's equipment investors, Government managers and local and foreigner innovators, attended to this forum which held by Pardis Technology Park in association with The Ministry of Communications and Information Technology, I.R. of Iran Organization for Broadcasting and, The Presidency Office for Technology Cooperation.

Dr Mahamedpour, the Ministry of Communications and Information Technology Deputy of Education, Research and International Affairs, started the event with a speech. While pointing out the important role of the technology parks and development centers in protecting the extension of technology and establishing connections between industry, university and the government, he expressed his hope that, protecting these parks and also continuing to hold technology exchange forums, together with establishing appropriate intellectual structures among scientists and senior managers of the country, will play such an effective role in the field of protection of technology and considering that as a

mean of competition in the country.

The technologies which introduced during the forum were the result of 3 sets of calls forwarded to more than 500 active centers in telecommunication over 3 months. The centers inside the country include: universities, research centers, related governmental organizations and institutes, private and state-owned telecommunication companies, and technology providers and clients in general. The calls also forwarded through Iranian representative offices in Germany, Austria, Canada, Russia, India, China, Malaysia, South Korea and Ukraine, with the aim of realization and invitation of investors and technology owners at those countries. The result was 15 technologies introduced by the representatives from China, Malaysia and India at the Forum. The Evaluating Board which consisted of representatives from the Forum arranging centers and a group of idea men in the related field picked over 5 national and 4 foreign technologies, considering particular characteristics like; application, market, competitive advantages, strategic abilities, having primary sample and being close to commercialization stage. These chosen technologies, introduced during the morning and afternoon programs of the Forum and, the other ones introduced through the special exhibition space determined for the exact purpose,

parallel to the Forum.

The technologies introduced at the Forum
1- Point to point PDH radio in 15 GHz frequency band, introduced by Fanavari Moj-e-Khavar Co.

The activity field of this company, which is one the Pardis Technology Park (PTP) tenants, includes; data broadcasting, microwave communication, RF and, other telecommunicating systems. The technology of point to point radio 16E1 is one of the technologies that, all of its creating and development process have been done inside the country. The present and prevalent international standards for radios have been considered in the design of this technology. This company is ready for establishing a joint-venture investment for transferring the technology. Furthermore, the CRM team of the company is ready to provide the customers of this technology with training and technology support.

2- Manufacturing BSS Equipment, Introduced by Techniques of Mobile Telecommunications Company (Fonoon-e- Ertebatat-e- Sayar Co.)

This company is also on of the PTP tenants and, also one of the greatest Mobile Phones BTS manufactures. BTS Equipment, is the title of the technology introduced by this company, which all the designing and manufacturing process of that are accomplished nationally in a period of 10 years and, cost-

mainly covered by the investments made by private sector. Assuring the security in establishing communications, utilizing international standards considering the regional situations, full customer's technical support and, creating job opportunities, are the advantages of utilization of this national technology.

3- Digital Video Broadcasting Equipment, Introduced by Moj-e Khavar Technical Co.

Moj-e-Khavar Technical Co., has had started its research phase in the field of DVB, since 2002, that resulted in producing the primary sample in 2004. In 2005, the technology entered into manufacturing phase and, currently 80% of the national market is dedicated to this technological product. This technology establishes the video communication via utilizing maximum bandwidth.

4- Speech processing and recognition technology, Introduced by Asr-e Gooyesh Pardaz Co.

The technology introduced by this com-

pany is analyzing and processing the Persian speech and converting it into text. The important point about this technology is its accuracy in processing the vocal signals which should be at least 90% in order to enter to the market, that is 95% for this technology, taking in to consideration the vocabulary, grammar and context of the Persian language and, about particular applications, is capable to be customized. Automatic answering phone, interpretation services and scripser are other achievements of this company which are currently under research by the R&D department.

5- Messaging Systems in Telecom Network, Introduced by Payamafzar Peykasa Co.

The main function of this company is designing Mission Critical Systems and, also software elements to be used in end products and software. The R&D department of this company is competent to customize its services according to the client's needs and desires. This technology has been designed and developed from the very primary stages

inside the country. This company has had successfully put two foreign products in the list of forbidden overseas purchases, through designing and development of the mentioned technology.

The technologies introduced by AJV Company from Malaysia

AJV group of companies is a Malaysian Holding that is active in the field of communications. One of the main services of this company is providing services and products based on VIOP. This company has been funded in 1994 by 1 million USD. Its central office is in Cyberjaya of Malaysia. The introduced technologies by this company are:

1- Payphone Multimedia System

The technology of multimedia payphones enables the users to utilize a broad spectrum of required services and information. These services include; internet access, EFTPOS, credit cards and other smart cards, communication services and etc. It is being used in order to maximize the information services in public spaces.



Technology Exchange Forums hold twice in year, aiming to introduce and exchange the new technologies and, facilitate their process of commercialization.

Several companies, institutes and, foreign and native individuals are invited to these seminars in order to have face to face talking and negotiations for exchange and development of their technologies. The subjects of these forums are titles including; Nanotechnology, Biotechnology and ICT.

Depending on the subject of the forum, the owners of technologies, at one side, and, investor, industrial and, financing centers, at the other side, are invited in order to establish relations for commercializing and improving technology.

These forums are good opportunities for owners of technologies to introduce their achievements and, also attract co-operations in order to improve and commercialize their technologies

