IBM facilities and investments in South Korea

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Today, we operate across the country with branch offices in Daejeon, Daegu, Busan, Ulsan, Changwon, and Kwangju, and a network of business partners.

Ubiquitous Computing Lab (UCL)
The UCL was established in 2004 in line with the Korea government’s new technology policy on developing R&D works related to ubiquitous computing technology. This lab consists of the Emerging Technology Center and System Technology Lab Center.

Korea Software Solution Lab (KSSL)
KSSL was founded in 2007 to help bring about business innovation through utilizing new software products and technologies. KSSL provides global software leadership to clients and business partners by helping companies integrate the latest technology, and contributes to the development of the domestic software industry.

The Cloud Computing Center
Established in 2008, IBM Korea’s Cloud Computing Center provides specialized skills and solutions to clients so that they can design and construct their own cloud computing environment. The center focuses on the high-growth communications industry and the financial services industry.

IBM Business Park
Established in 2010, the IBM Business Park in Songdo International Business District is an advanced green data center that leverages green technology that exceeds average Power Usage Efficiency. Energy efficiency is maximized with a design based on Computational Fluid Dynamics analysis in addition to the systematic roadmap for energy saving.

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IBM in Korea – A Short Overview
IBM has worked with the energy and utilities industry to advance smart grid technology in Korea as part of the national Smart Grid initiative to achieve the vision of "Low carbon, Sustainable, Smart and Energy-secure Korea." Since the launch of the Smart City Program in 2004, IBM has been working with university students and field experts to develop next-generation intelligent crime prevention service systems to provide citizens with integrated, accurate traffic analytics technology, gathers a range of traffic data and information on all international markets and manages the data interface standard based on international standards.

IBM also has worked with POSCO ICT to develop a smart grid system – Korea’s first renewable energy management system – that can ensure a stable supply of renewable energy. In addition, IBM worked with KEPCO to build the Total Operations Center at the Jeju Smart Grid Test-Bed Demonstration Complex, allowing the 150 companies and 11 consortia operating at the complex to collect and manage information on all international markets and monitor smart grid systems as well as data exchange across the member companies.

Uplifting communities through transfer of skills and expertise

IBM is dedicated to corporate citizenship and works in partnership with non-government organizations by providing IBM technology, expertise and employee’s time to support our local communities.

Since the launch of IBM Corporate Service Corps program in 2009, IBM employees from Korea have been sent to developing countries to work on economic, social, and environmental sustainability projects.

Under the Computer-aided Drawing for Disabilities program, IBM volunteers share their skills with students and teachers at the Seoul Rehabilitation Center, using technology to help them create artwork through computer-aided drawing technology. As IBM celebrated its centennial, IBM and the center organized a series of activities, including a drawing contest, that aimed to strengthen the community’s understanding of people with disabilities while helping artists realize their potential by leveraging technology for their art. An exhibition was held at Seoul’s Kianggyo Gallery in March, 2011 to showcase the computer-aided artwork created by their family members, and university students.

In addition, about 150 volunteers have participated in the STEM Mission – Innovation project, which aims to inspire young people to understand how technology is making our world a better place and how they too, can be part of this process. More than 3,000 elementary school, high school, and university students are expected to join the 2013 season.

Building 21st century skills through education and industry partnership

Service Science, Management, and Engineering is a relatively new academic area that was started by IBM in 2007. It pursues innovation and development of the service industry by integrating services with various disciplines including IT and management. Today, the Service Science course is available at the Graduate School of Business, Sogang University and Inha University. By 2013, College of Information Science and Technology will open the Department of Knowledge Service Engineering and Korea Advanced Institute of Science will offer doctoral programs.

Our journey in South Korea

IBM is proud to have such a long relationship with South Korea. We opened our first office back in 1967 and were one of the first companies to bring computers to the country.

Over the past 44 years, IBM has grown up alongside the many globally and locally renowned businesses and organizations of South Korea.

Looking at South Korea today, as the world’s 15th largest economy, IBM is immensely excited to reflect on the role technology, business insight and industry-leading hardware and software solutions has played in helping numerous Korean enterprises in various industries achieve such leadership positions in the global market.

Yet we feel confident that South Korea still has more to offer to the world’s economic growth and development. IBM remains committed to helping Korean enterprises achieve even greater success by continuing to enhance their global competitiveness through technology leadership, innovation, partnerships and collaborations. We will continue to strive to be a trusted partner to assist South Korea to achieve the country’s vision and goals of becoming a smarter and more competitive country in the globally-integrated economy.

Hwisung Lee
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Heungsan Lee
General Manager
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Propelling South Korea’s growth and transformation with Smarter Planet

IBM’s business strategy of building a smarter planet in Korea is in line with the country’s long-term economic development. The strategy resonates with organizations which are eager for a fundamental change – a strategy that is also aligned with the government’s drive to improve living and service standards.

Ubiquitous City (U-City): U-City is a concept for a future city that provides automation services in various areas by establishing advanced information and communication infrastructure from the city design phase. IBM has prepared a standard model of a futuristic ‘Smart City’ and is working towards smarter city solutions including developing a next-generation intelligent crime prevention service for U-City in the Incheon Free Economic Zone in Songdo and taking part in the smart space.

Smarter Transportation: IBM has helped Busan City build a traffic information system to streamline and monitor traffic, which allows the authority to prevent accidents and respond quickly in the event of accidents. The system, built on IBM technology, gathers a range of traffic data to provide citizens with integrated, accurate traffic information through intelligent, real-time operation and prediction according to the given situation.

Smart Healthcare: The government is constructing a Biomedical Research Complex (BRC) at the Advanced Industry Cluster Complex, Songdo, Incheon Free Economic Zone. This project is designed to create a bioinformatics-centered R&D cluster, a first in Korea.

IBM Korea, the Gachon Gil Foundation and Incheon Urban Development Corporation have entered into collaboration where IBM will provide IT services and business model consulting services to Gachon Medical Foundation to conduct R&D in bio-informatics, healthcare and nanotechnology.

Smart Grid: IBM has been working with the energy and utilities industry to advance smart grid technology in Korea as part of the national Smart Grid initiative to achieve the vision of “Low carbon, Green growth”. IBM supports Korea’s efforts in establishing the data interface standard towards Solution Architecture for Energy and Utilities Framework, as well as in collecting and analyzing information for the efficient management of energy and processing, which are the core areas of smart grids.

As Korea’s strategic partner, IBM plays an integral role in a collaboration between the US and Korea in developing Smart Grid. IBM has drafted a plan for the Ministry of Knowledge Economy and developed a smart grid roadmap for the Jeju Smart Grid Test-Bed Demonstrative Complex in association with Korea Electric Power Company (KEPCO) and Korea Electric Power Data Network Co. (KEPco), and IBM also has worked with POSCO ICT to develop a smart grid system – Korea’s first renewable energy management system – that can ensure a stable supply of renewable energy.

In addition, IBM worked with KEPCO to build the Total Operations Center at the Jeju Smart Grid Test-Bed Demonstration Complex, allowing the 160 companies and 11 consortia operating at the complex to collect and manage information on all international markets and monitor smart grid systems as well as data exchange across the member companies.

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Building 21st century skills through education and industry partnership

IBM in Korea – A Short Overview 2

Partnership with South Korea for innovation

In the last 44 years, IBM has been contributing to the development of the country’s economy and IT industry by establishing R&D centers and providing solutions to support the global market expansion of leading companies such as Samsung, Hyundai, LG, POSCO and SK.

Smart Work: At the “Smart Work Promotion Strategy” reporting meeting that was chaired by the Korean President on July 22, 2010, IBM Korea CEO Heungsan Lee introduced the company’s smart work system. In 2009, IBM first introduced the concept of “Mobile Office” system and culture in Korea and it has influenced many Korean institutions and enterprises in various ways. In the last several years, IBM has created the smart work environment in Amore Pacific, Daewoo Construction, POSCO, Samil, ECT Korea, Daewin, Fila Korea, Iljin Group, Korea Investment & Securities and E-Mart, among other companies.

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We will continue to strive to be a trusted partner to assist South Korea in its economic development. IBM will continue to serve South Korea with innovative solutions that are designed to meet the challenges it faces in the global market.

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