

## **LG CNS**

*Comprehensive IT Services Provider*

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### **Introduction**

LG CNS was founded in 1987 as a Joint Venture (JV) between LG and EDS. Until year 2002, LG CNS adopted not only technologies, but also best business practices and know-how from EDS. In the year 2002, EDS left the partnership, which made LG CNS a 100% LG company. Since then, LG CNS has been providing IT services such as Systems Integration, Systems Management and Solution services to customers globally and continued its fast growth with world-wide business bases. LG CNS currently has the largest IT services market share in Korea. We have seen our compound annual growth rate reaching 33% since 1987. We have implemented plenty of mega-scale public IT infrastructure projects and played a major role in completing Korean government's e-Korea initiatives.

### **RFID Service Offerings**

LG CNS helps clients to adopt RFID technology by providing total services from RFID consulting to system integration based on its expertise and years of experience in various industries.

- ***RFID Consulting Service:*** LG CNS RFID consulting service guarantee clients' successful RFID adoption based on success experiences in various industries and applications with RFID implementation roadmap and proprietary ARP (Application Requirements Profile)
- ***RFID System Integration Service:*** LG CNS covers full system development lifecycle and seamless integration of RFID system with existing business applications using RFID implementation methodologies
- ***Optimized RFID Solution Supply:*** LG CNS selects, tunes, and supply RFID hardware and software by means of ARP and field tests along with its RFID middleware suitable for most RFID requirements

LG CNS proved its performance in various RFID implementations of government and private sectors, which made LG CNS one of the finest and successful RFID solution providers. LG CNS implemented RFID solutions for Korean Procurement Agency, Ministry of Maritime Affairs and Fisheries, LG Electronics, and Won-Ju Christian Hospital to count a few.

### **RFID Middleware Suite**

LG CNS developed comprehensive RFID Middleware Suite applicable to both distributed enterprise IT infrastructure and mobile environments. LG CNS RFID

Middleware Suite, along with LG CNS RFID Implementation Methodology, played key role in our successful implementations.

### **Middleware Mobile**

A lightweight RFID middleware solution that can be loaded on the handheld RFID readers, Middleware Mobile is a flexible and extensible ALE (Application Level Events) compliant RFID middleware using JAVA in Component-based Architecture. It features a GUI-based management tools to control and manage geographically scattered RFID devices, tag data, and RFID events.

### **T-Money (Transportation Smart Card)**

Seoul city, one of the most crowded metropolitans in the world with population of more than 10 million, has made a major breakthrough in integrating public transportation services through Seoul Trans Reform 2004 (STR 2004), initiated on July 1st, 2004.

LG CNS implemented unified fare collection system for Seoul, by means of T-Money, a smart card specially designed for transportation and e-cash, in both pre-paid and credit card integrated way.

#### *Service Capacity*

Cards in Use: 10 million cards in use with 250,000 new cards each month

Terminals: 20,000 for bus, 7,000 for subway gates, and planned 70,000 for taxi

Transaction: 22 million transactions per day, settled every morning