

ORACLE®



## Java in Korea

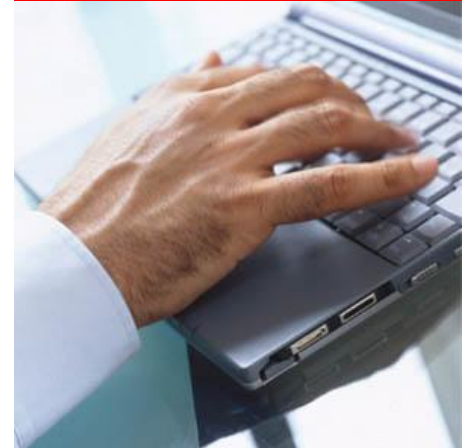
DH Kim

Sales Director, Java Embedded Global Sales Unit

May 3, 2011

# Agenda

- Java in Korea
- JavaEE
- JavaSE
- JavaME
- Javacard
- Q&A



# Java in Korea




# JavaEE



# JavaEE- TmaxSoft Web Application Server

- TmaxSoft
  - JavaEE Licensee since 2002
  - Only JavaEE licensee in Korea
  - Strong presence in domestic Web application server market

# JavaEE- TmaxSoft



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Worldwide

**Products**

Mainframe Rehosting

SOA Framework

Product/Rule Management

Middleware

Tmax

• JEUS

WebToB

Multi-Channel Integration

System Monitoring

Home > Products > Middleware > JEUS

## JEUS

TEXT SIZE + -

### Leading the world in Java Enterprise Application Server standards

JEUS is TmaxSoft's Java EE certified application server solution that facilitates the efficient development and implementation of a variety of powerful Java enterprise applications.

**Overview**


Features

Benefits

Case Study

JEUS 6

JEUS 7



**JEUS 6, Java EE 5 Certified Application Server**

JEUS (Java Enterprise User Solution) 6 is TmaxSoft's Java EE 5 certified e-Business Strategic Platform. It enables the efficient creation and implementation of a wide variety of rich user-oriented web applications, facilitates SOA concepts (Service Oriented Architecture), and provides a variety of enterprise system functions such as transaction control, session management, and distributed session clustering. JEUS 6 complies with Java EE 5 specifications, thereby maximizing flexibility and promptness in responding to changes in the business environment.

**JEUS 7, Java EE 6 Certified Application Server**

JEUS 7 meets Java EE 6 specifications. It provides enhanced management and monitoring functions and ensures greater levels of stability, efficiency, and scalability in clustered environments. JEUS 7 is scheduled to be released at the end of 2010.

**INQUIRIES**

**201-567-8266**

Have TmaxSoft call you

**Brochures & Data Sheets**

• JEUS\_Brochure\_6.0.pdf

**Trial Versions**

• jeus70\_linux\_x86.bin

• jeus60\_unix\_generic\_en.bin

• jeus60-win-en.exe

**Related News**

• TmaxSoft Included Within Three Gartner Magic Quadrant Reports for Application Infrastructure

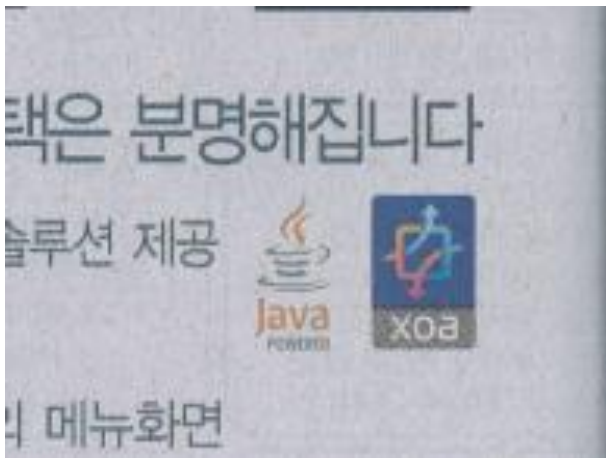
# JavaSE





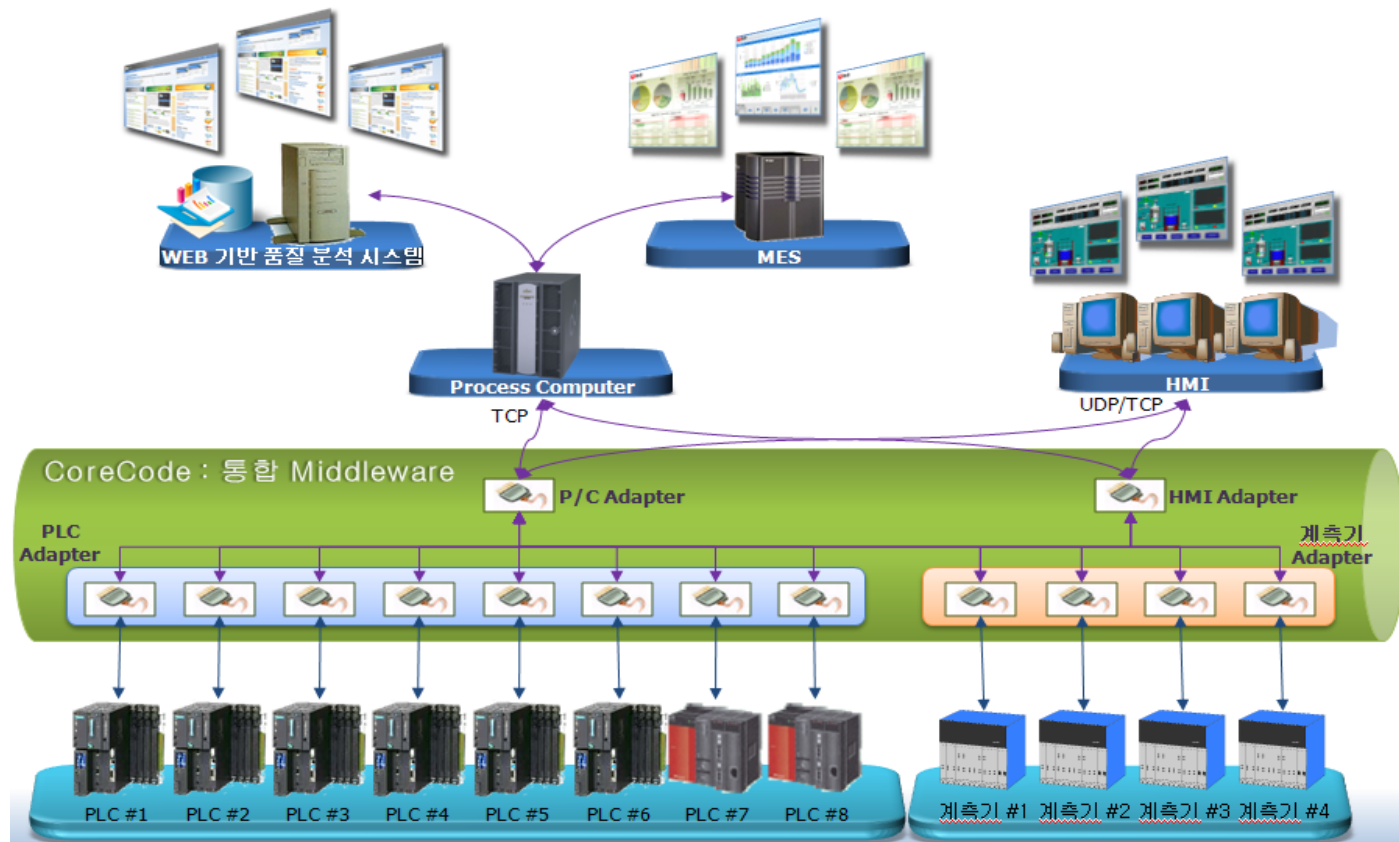
# JavaSE Samsung Multi-Function Printer

- Samsung is the market leader in worldwide A4 laser MFP space with 26% WW market share.
- Samsung launched 1st Java powered printer in July, 2010.
- XOA



# Java Realtime – Factory Automation

- Java Realtime at POSCO Magnesium Factory



# JavaME



# JavaME – Media Devices



TVSTORM  
TV & Connected software business

alticast™



LG



# Java ME- Media Devices

- All Digital TV and STB for Korean Terrestrial Data Broadcasting, should pass TTA (Telecommunications Technology Association)'s ACAP(Advanced Common Application Platform) Test which include Java ME Technology.
- Alticast and TV Strom provides STB OEMs ACAP Middleware solutions.



# JavaME - Automotive

- LGE Telematics Device
  - Online Connectivity Unit (OCU)
  - Product Features
    - Wireless modem to provide safety and statistics data to central service center
    - Emergency call
    - Data tracking of stolen car
  - Java as application platform
  - JavaME CDC





# JavaME – Mobile Handsets

## Mobile Handsets



Sprint Reclaim



Sprint Instinct-HD



Sprint Restore



Sprint Pierre



Sprint Mantra2



LN240



LX290



LX610



LN510



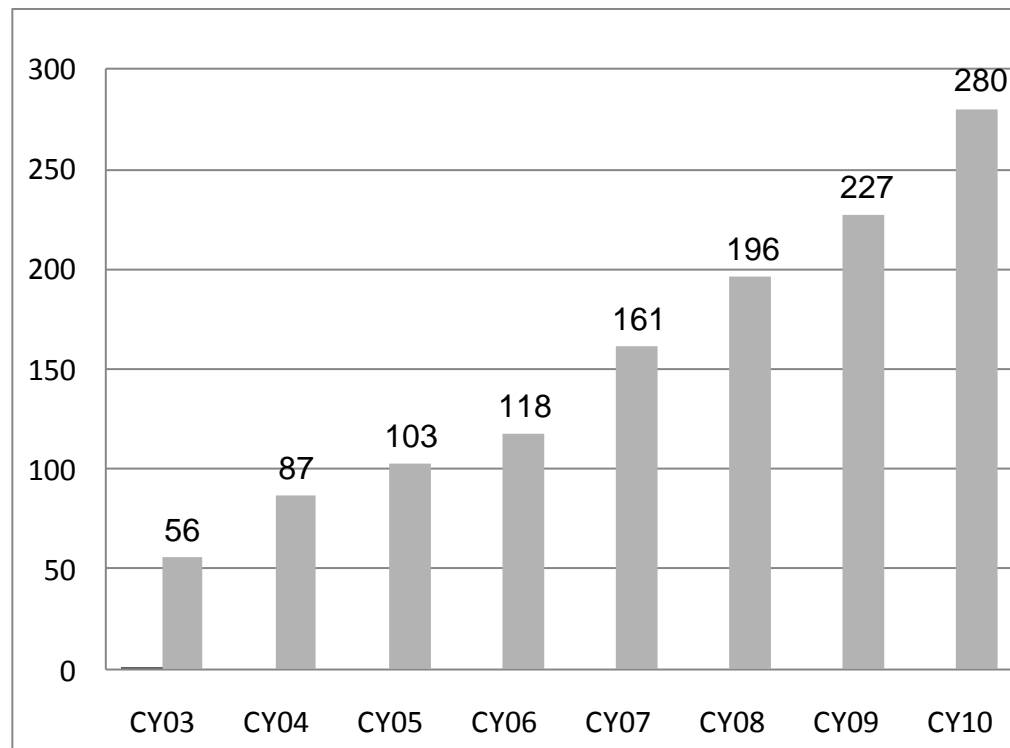
Layla

# JavaME – Mobile Handsets

## Samsung Mobile Handset Business

### Handset Shipping Volume

M units



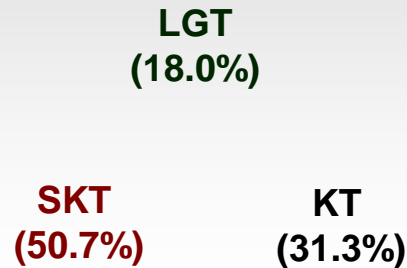


# Korea Operator Market

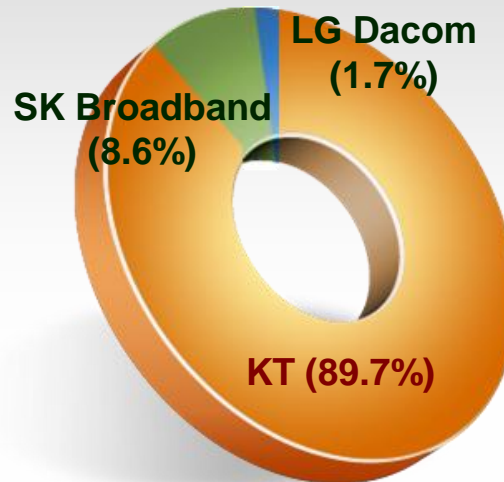


- 3 Wireless operators
  - SK Telecom (SKT), Korea Telecom(KT), and LG U+
  - SKT leads the market with 50+% market share.
- KT dominates both fixed line market and high speed Internet service market.

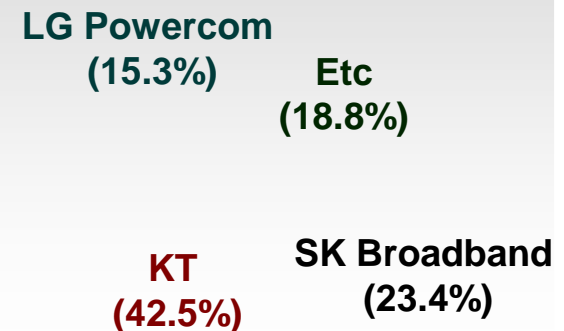
## Wireless Cellular



## Telephone



## Broadband Internet

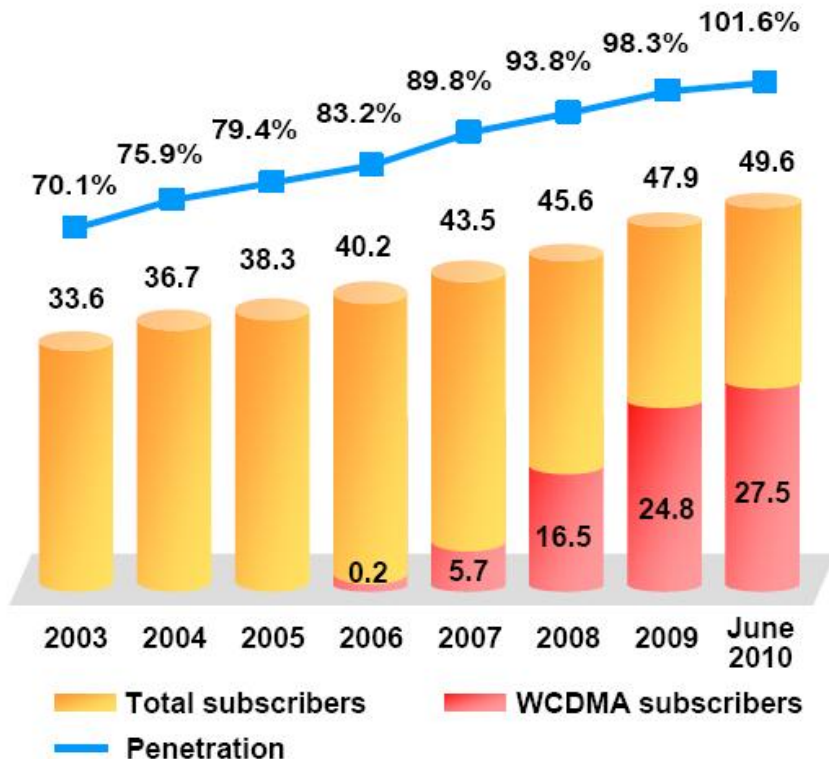


# Korea Wireless Operator Market

- Korean wireless operator market has over 100% penetration and still grows in revenue (Subscribers : 51M as of Feb 2011)

Wireless market trend

(Units: Million, %)



Wireless market's total revenue and data revenue

(Units: KRW Bn)



# JavaME – Wireless Carriers

- LG U+ 
  - First wireless carrier launched JavaME based data service
- Wireless Internet Platform for Interoperability 
  - Mobile platform standardized and mandated by Korean Government in 2005
  - Java ME(CLDC/MIDP) in WIPI
  - WIPI became optional in 2009.

# JavaCard



# Javacard – National ID, Smart Grid

- National ID card
  - From 2013, smart card based new ID cards will be deployed by Korean government.
- Smart Grid
  - Javacard licensees see roll-out of Smart Grid devices as a big business growth opportunity.



인터페이스 유니트(IF-232)





# Javacard - Smart Grid



- Java card technology for charger ID card
- Mass production will start from 2013.
- Pilot project ongoing with 35 low-speed EV cars by Seoul city government





# Questions



**ORACLE®**



## **Java in Korea**

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