



The SavaJe Mobile Platform

SavaJe has delivered to market the first mobile platform “built from the kernel up” for Java. The result: the first mobile platform that enables mobile operators and OEMs to gain the full benefits of Java: cross-platform, graphically rich and secure.

The SavaJe Mobile Platform offers the industry’s most flexible and rich Applications Programming Interface (API), supporting both MIDP and CDC. For the first time, this unleashes Java’s “write once, deploy anywhere” capabilities on the world of mobile, where Java applications automatically take on the look and feel of the device on which they are running.

The platform uses a highly optimized JVM and Java operating system that can support full multi-tasking to simultaneously run multiple applications. For example, users can play music while checking email or surfing the Web. Additionally, applications are aware of each other and can interact seamlessly to deliver even more powerful benefits to the subscriber. Because the platform is optimized for Java, it delivers “native-application-caliber” performance from Java applications, both in terms of application responsiveness and power utilization.

The SavaJe Mobile Platform also includes a telephony services. The telephony sub-system and applications are fully portable to any platform and radically shorten the time required for manufacturers to deliver new handsets to market. At the same time, SavaJe integrates with best-of-breed engines and codecs, to enable high performance multimedia.

Delivering on the Promise

Through its support of Java, the SavaJe Mobile Platform delivers multiple compelling business benefits to manufacturers and mobile operators, including:

- **Easy Customization** - Manufacturers and operators can establish deep, consistent branding that extends beyond the current “face plate and application welcome screen” to every page of every application. This enables branding capabilities commensurate with those seen on desktop systems and opens the door to personalization and co-branding that is tailored to particular subscriber market segments.
- **Easy Theming** - Operators and manufacturers can easily permeate their mobile offerings with themes designed to target

specific market segments. Theming is accomplished by simply dragging and dropping industry standard graphic files (GIF, JPG, PNG) using the SavaJe Theme Studio. This is yet another way to create the “cool user experience.”

- **Superior Performance** – The SavaJe-optimized JVM delivers “native-caliber” application performance and enables advanced features like multitasking, to further improve the user experience.
- **Superior Security** – The SavaJe Mobile Platform includes all of the security benefits of the industry-proven Java desktop security platform. Since all applications are written in Java—no native calls are permitted. The advantage is a comprehensive set of proven security features that enable SavaJe OS handsets to be flexibly configured to meet the demanding security requirements of manufacturers, operators and content providers.
- **Simplified Platform Requirements** – SavaJe radically simplifies the management of multiple hardware platforms by supporting Java’s “write once, deploy anywhere” capabilities abstracted from the platform drivers. This reduces the amount of coding and porting work required. And, because SavaJe is based on Java standards, it opens the world of 4 million Java developers to the mobile market.

By delivering these benefits, the SavaJe Mobile Platform enables manufacturers and operators to succeed with time to market advantages. Proprietary operating systems will become a competitive liability in this environment, because they simply are too difficult to customize and maintain. They also fall short of SavaJe’s ability to enable deep branding and personalization, combined with new mobile functionality and enhanced security.

Only one platform can truly unleash the power of the mobile Java experience. That platform is SavaJe.

SAVAJE

The mobile Java experience





TELEPHONY

Full specification for 3GPP R99 on 2.5 G and 3G Radios

APPLICATION PROCESSORS

ARM 9 and ARM 11 architectures

REFERENCE HARDWARE

(Available today)
TI OMAP 730/850
INTEL XScale architectures

OS SERVICES AND MIDDLEWARE

3GPP R99 for 2.5 and 3G
Media framework
Codecs
2D & 3D Graphics
OMA Provisioning
Device management
Digital rights management
Security
WAP 2.0 stack
IM presence
Input methods
Networking
USB, IrDA, BT Connectivity

KERNEL

Optimized multi-tasking, multi-threaded kernel integrated with Java Virtual Machine (JVM).

SERVICES

Telephony
Multimedia
Security
Inter-application services
Application manager
Content sharing
Data file sharing
System property states
Component sharing
Alarms
System settings
Theme services
Messaging
Tegic (T9)
Language Localization

JAVA LIBRARIES

CLDC 1.1	JSR 139
MIDP 2.0	JSR 118
JTWI	JSR 185
PDA/File	JSR 75
Mobile Media	JSR 135
3D Graphics	JSR 184
Messaging	JSR 205
Bluetooth	JSR 82
XML Parsing	JSR 172

ADVANCED APIS* EARLY ACCESS

Advanced GUI/SWING	JSR 209
CDC 1.1	JSR 218
PBP (Personal Basis)	JSR 217
FP (Foundation Profile)	JSR 219
Advanced Media	JSR 234
JAIN Presence	JSR 186
Instant Messaging	JSR 187
Security	JSR 177

Including JCE, JSSE and JAAS security included.

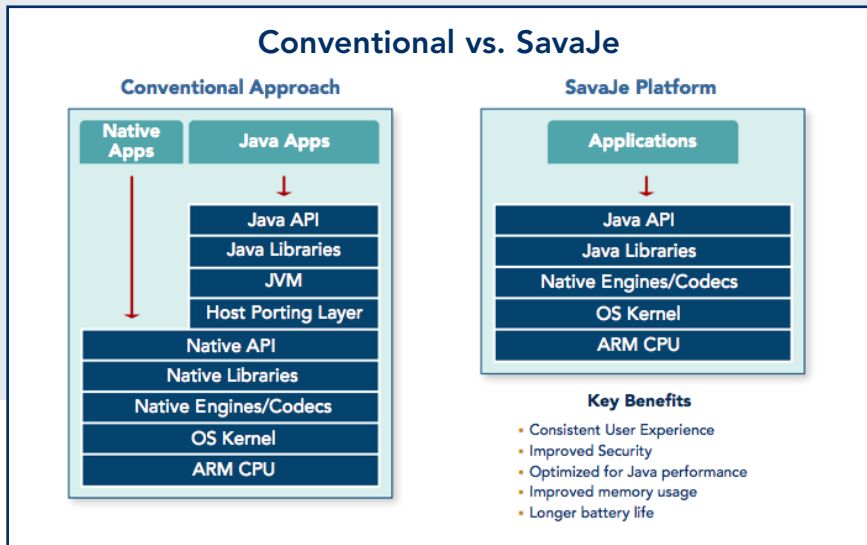
* SavaJe License required for access.

JAVA APPLICATIONS

Phone
Idle
Call Log
Menu
Contacts
Camera (still and video)
Messaging (integrated SMS, MMS)
Browser WAP + HTML (OW 7.0.2)
Media player
Music
Video
Pictures
Edit features
Email
Chat
Notes
Voice
Text
Calculator
Calendar
Settings

TOOLS

Theme Studio
Midlet SDK
User Experience SDK
SavaJe platform SDK
TI 730/850 porting kit
Intel Xscale porting kit



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