



# V-Soft's Mobile Application Development & Platform Expertise

## Key Mobile Services

- Mobile Application Development
- Application Porting
- Platform Porting

## Platform Expertise

- Android
- iPhone
- BlackBerry
- Windows Mobile
- Java ME
- Flash/Flex
- Palm webOS
- Symbian

## Applications Categories

- Media Streaming
- Enterprise Applications
- Location Based
- Clients for Web Portals
- Social Networking
- Personal Information Management
- Secure Messaging
- Games

## Why V-Soft?

- Strong mobile team
- Excellent technology expertise
- Consultative approach
- Commitment to quality
- Leader in new Mobile technologies
- Exemplary commitment to customer's satisfaction

**Smart Moves.  
Great Partnerships.**

Partnerships that make us an extension of your engineering team. Let's make a difference.

*One of the major challenges of mobile application development is the large number of devices and platforms that are being introduced continuously. This requires large investments in specialized resources with platform knowledge and programming expertise and it is a challenge for many companies to maintain this broad level of expertise in-house. With our continued commitment to providing the latest technology to our customers, V-Soft has a group of highly qualified resources, with the latest mobile technology experience, ready to work with you as an extension of your team to augment your internal capabilities.*

## V-Soft is your Mobile Application Development Partner

V-Soft's mobile application development services and platform expertise have provided excellent services to its clients for over five years. With our continued commitment to providing the latest technology to our customers, V-Soft has developed a team of highly qualified individuals to work on existing and emerging mobile platforms.

## Our Mobile service offerings include:

- Mobile application development (from concept design to implementation)
- Porting of applications from one platform to another
- Platform/OS porting
- Mobile website development
- Mobile game development
- Mobile application testing

## Platform expertise:

We have expertise in the development of platform software for Mobile devices including popular mobile platforms, such as:

- Android
- iPhone
- BlackBerry
- Windows Mobile
- Java ME
- Flash/Flex
- Palm webOS
- Symbian

## Our key areas of expertise:

### Customized Graphical User Interface with complex graphic designs

We have the ability to handle complex Graphical User Interface (GUI) designs regardless of the User-Interface (UI) a specific platform may have.





### **Accessing remote servers via Web Services**

We develop a large number of client applications for web servers and provide services in the following areas:

- Document sharing
- Media management
- Data backups
- SOAP based Web Services
- Light weight REST-ful web services
- JSON protocols
- XML protocols

### **Large data transfers between Server and Client/Management and Operations**

- Routine synchronization between Servers and Clients as well as between Management and Operations

### **Multi-thread architectures**

All of the applications we develop are designed in a user-friendly manner which allows:

- Reduced communication errors with the server without blocking the User-Interface
- All multi-thread applications are equipped with dedicated background threads for communication, data management and other intensive tasks.

### **Local embedded database**

V-Soft uses embedded databases to handle large data that needs to be stored locally on the phone. We work with embedded databases such as:

- *SQLite*
- *Embedded SQL Server*

### **Secure communication**

We have developed applications to support secure communication between a phone and a server or between two phones. We used standard based encryption mechanisms such as:

- *AES*
- *MD5*
- *LFSR*

### **Themes, Language and Skins Support**

V-Soft has the capabilities to develop multilingual applications that can:

- Change the language of a specific application instantly
- Modify supported themes and skins in an easy manner

### **Media Player integration for audio/video stream**

We can develop applications with integrated audio/video playback. Our audio/video capabilities include:

- The ability to integrate media player controls in our application rather than launching the system's media player
- Implement progressive downloads to stream media using HTTP protocol
- Developed secure caching mechanisms to pre-fetch media completely or partially in order to respond quickly to user actions





### User Authentication

User authentication is implemented by way of validating user I.D. and password with a remote server. In addition, we also use phone specific I.D.'s like *IMEI Number* for stronger authentication.

### Location based services

V-Soft has developed an LBS Application that uses A-GPS services to determine the location of a specific phone and also provide services accordingly.

### Integration with phone services

We offer the ability to integrate the following services with your mobile device:

- Inbound and Outbound calls
- SMS
- Email
- Phonebook
- Calendar
- Reminders

### Application categories we have worked on:

Below are some of the areas of Mobile Application Development where our clients have shown interest:

- Media Streaming
- Enterprise Applications
- Location-based
- Clients for Web Portals
- Social Networking
- Personal Information Management
- Secure Messaging

### Technology expertise:

- C++, C#.Net, Objective-C, Java
- HTML, CSS, XHTML, DHTML
- JavaScript, XML, AJAX
- Web services Integration, HTTP, SOAP, REST, JSON
- MVC Architecture
- SQLite, MS SQL Server CE
- CLDC and MIDP Framework
- APIs for Device Services, Streaming, Multimedia, Location Services, Security and Trust Services
- Interfacing with third-party services like Facebook, Twitter, Google Maps, and Google Calendar

### Other V-Soft Services:

Highly focused on long-term partnerships, V-Soft offers end-to-end product development and testing services in several segments;

- Embedded Software Development
- Desktop Software Development
- Web Services

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