



### About the Client

A start-up company founded by a group of successful entrepreneurs wanted to provide simple push-mail service to the USA market. The product is targeted for market entry in 2008. The product has two main software components; the Server and the Client. The Server software was based on JAVA J2EE and the Client software was based on "C" programming.

*"ArcherMind is a talented organization, their interactive style and iterative development process works perfectly with our need for flexibility to ensure the best possible software solution. The management team has demonstrated their capability in managing highly technical and complex software development projects; we particularly value their accessibility and responsiveness"*

- CEO, the Client

### About ArcherMind

ArcherMind Inc. is a well-established, well-respected global software development and services company. Our services include:

- Wireless Mobile Software Development
- IT Service Management
- Software Quality Assurance (CMMI-3)
- Software Internationalization and Localization

### Contact

Attn: Marketing Department  
Email: biz@ArcherMind.com  
Web: www.ArcherMind.com

#### US Office

991 Route – 22 West, Suite 200  
Bridgewater, NJ 08807, USA  
Tel: (908) 595-2114  
Fax: (908) 231-0444

#### China Office

2F Wuhuan Mansion  
191Guangzhou Road  
Nanjing 210029, China  
Tel: +86-25-5188-7700  
Fax: +86-25-5188-7711

### Client's business challenges

The need for the project to be completed was urgent requiring a compressed development work plan and project schedule. The customer was not in the position to provide finalized requirements. The ArcherMind development team needed to create a clear and disciplined project management driven process to finalize the changing product requirements. ArcherMind engineers understood from their experience, that the critical success factor in providing the best solution would be a good system architecture that would ensure the high performance required to support the millions of planned users.

### Our approach and services

The customer initially selected the ArcherMind project-based service model. One of the key project deliverables was to design and develop a new demo for both the Server and the Client product. This was delivered in just three months and ahead of an already aggressive schedule. At this stage in the project, the customer decided to change to the ArcherMind Virtual Overseas Development Center (VODC) service, putting more of the complete development authority under ArcherMind's responsibility.

### The results

ArcherMind's processes were used for requirements development, product design, software development, and project management. The development team chose the Agile model for development to meet the unique need of flexible and weekly development versions. This approach guaranteed that the customer could closely monitor and review the entire process and the product status. This approach also supported the fine tuning of product requirements. In addition, the feature phone platform, client architecture, data structure, and user interface were designed and programmed in "C".

The project was delivered on time and to the customer's satisfaction because of the excellent teamwork of 20 ArcherMind software engineers and the close working relationship with the customer. The key technologies applied to the project were mature J2EE architecture for server side, Apache for load-balancing, JBOSS for the application server, and My-SQL for the database. New protocols were designed for communication between the server and the client.