



## Case Study RFID Device and Product Development

[www.ArcherMind.com](http://www.ArcherMind.com)

### About the Client

The company is an innovative start-up, and with ArcherMind's support it has a broad scope of offerings in RFID technology solutions. Its sister company is one of the largest RF module providers in the telecom industry, and is listed on NASDAQ stock market. The client has a solid background in RF hardware platforms and was eager to enter the RFID industry. The client's mission is to be the largest RFID system solution provider in China, with high-end 900M RFID readers, RFID network infrastructure and software middleware solutions.

*"ArcherMind is one of the best software service company I have ever worked with so far. ArcherMind helped us achieved our success in RFID reader and RFID network infrastructure. We are going to continue use them to quickly deliver our RFID software middleware."*

*- Ms. Helen Fan  
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

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### Client's business challenges

The client has a solid background in 900M to 2G RF systems. But the company's engineering team is more oriented to RF hardware and related circuits. The client needs more software resources with product development experiences, such as system analysts and architecture designers, as well as programmers and testers.

### Our approach and services

ArcherMind helped the client to design and develop the RFID reader's controller software on an ARM9 embedded system. The client's RFID will be one of the earliest 900M RFID reader in the China market. ArcherMind also helped the client choose the most advanced RFID reader protocol in the world, which made the product one of the most advanced products in RFID industry. ArcherMind also helped the client with the architecture design of the RFID network infrastructure. The client is satisfied with ArcherMind's services, including design, delivery quality and meeting the delivery schedule.

### The results

By using ArcherMind's software development services, the client reduced its cost of development and the time-to-market for their products. ArcherMind used a modular design method throughout the process, with the benefit that two 900M RFID reader products were developed meeting all quality standards and within the delivery schedule.

ArcherMind is now working closely with the client to help design the full product line and clarify the roadmaps for the client's future product development.