

# Customer Profile



## Beijing Rail Ltd. CO.

### Wedge Networks BeSecure Protects Beijing Rail from Spam and Malicious Programs on the Internet

#### About Beijing Rail Ltd. CO.

Beijing Rail Ltd. has been responsible for the first phase of construction of the Beijing Rail Transportation Control Center, including the Rail Transit Command Center (TCC) and the Ticket Accounting Control Center (ACC). The TCC Consists of 14 lines and their corresponding facilities; covering more than 59,000m<sup>2</sup>. After two and a half years of work and a total investment of 917 million RMB, the project is in the final stages of equipment installation and testing. The TCC and ACC will be an integral part of how visitors and spectators of the 2008 Olympic Games in Beijing will be transported.

#### Beijing Rail's Security Challenges

The Beijing Rail faces security challenges through the daily operations of the TCC and ACC and their exposure to various external networks and sources. The TCC System will be responsible for collecting information from various sources, such as rail traffic/road network video, traffic status, electrical support, people flow and disaster control. This information will be used primarily for operations coordination and emergency response. While the ACC system will provide passengers with "one-ticket transfer" to rail transportation based on the open, advanced computer system. Due to the differentiation between carriers, the system would have to handle transaction data generated by 10 million passengers daily and respond to issuing, circulating and inventory management of their rail transit pass card.

#### BeSecure Internet Security Solution

In order to successfully provide complete content security, Beijing Rail uses Wedge Networks' BeSecure Internet Gateway appliance. Installed inline with the access network, and interfacing in real-time with Beijing Rail's firewall services, BeSecure scans all ingress and egress traffic—be it HTTP, SMTP, POP3, IMAP or even FTP, blocking out viruses, spam and unwanted traffic. BeSecure's Subsonic Scanning Engine, provides Beijing Rail with ultra-Gigabit network throughput that provides a robust, high-availability complete content security solution. Following installation, Beijing Rail was extremely satisfied with the appliances performance and the quantity of spam and viruses that were blocked.

#### Solution Summary

- Concerned by the threats posed by viruses and spam to their critical operations
- Required a high performance, low latency solution given the high volume of traffic
- Installed BeSecure NDP-2040SIG
- Inspects inbound and outbound traffic for malicious content
- Provides Beijing Rail with high performance content filtering and protection against viruses, spam attacks and unwanted network traffic.

