



Bluegiga Case Study

Blue Bamboo



Wireless payment technology for managing volume, speed and security

Shanghai-based Blue Bamboo, designs and markets feature-rich and affordable products for the POS terminal and peripherals industry. Blue Bamboo's robust electronic payment technology delivers scalable, customer-centric wireless and retail payment solutions that meet PCI and EMV standards in a secure, reliable and versatile design.

Blue Bamboo was present at the Beijing Olympics 2008 in the Holland Heineken House (HHH) with a wireless payment terminal device. When making a contactless prepaid card payment, Blue Bamboo's POS device sends the payment information wirelessly via *Bluetooth* to the PMS/POS systems and IP networks. This event will allow patrons to use collectible HHH contactless prepaid cards throughout the venue on handheld POS terminals carried by HHH staff. The addition of the *Bluetooth* wireless access server creates complete transaction coverage for a venue such as HHH at more than 75,000 square meters.

The technology was a combination of Blue Bamboo's existing technology stack, built on a GlobalPlatform Java open standard, with secure microprocessor technology and *Bluetooth* wireless networking components from Bluegiga Technologies. An integrated WLAN-based payment terminal network was built around Blue Bamboo's new BlueBox™, a class 1 multi-radio wireless access device. The payment device, Blue Bamboo's H50 Terminal also has a Bluegiga's WT11-A-A1 *Bluetooth* module integrated inside.

For more information, please visit www.bluebamboo.com