The Challenge
TONFANG Co. LTD is a cutting edge technology company who has made it their mission to ‘serve society with science and technology’. Last year they invested a large amount of capital to set up their payment subsidiary TONFANG payment technology Co. Ltd. for the purpose of setting up a third payment business, they were seeking out a strong mobile authentication system for mobile based transactions.

The Solution
SecuTech was chosen by TONFANG to become a corporate partner in this business venture. To meet TONFANG’s unique security needs, SecuTech developed an encrypted portable terminal key. This powerfully encrypted key is equipped with the strongest authentication that goes above and beyond the standards required in mobile banking – the key compiles with the PKI standard and it supports RSA, AES Triple-DES, SHA algorithms and more. The key also supports Bluetooth wireless encrypted communication. The key has passed international payment standards such as EMV and PBOC. Moreover the USB interface provided compatibility on a variety of computer and mobile platforms, and the LCD makes every payment clear.

The Success
The encrypted portable terminal key for TONGFANG was successfully implemented, and TONGFANG now has a guarantee that the highest level of software protection is embedded within their payment systems.

The Customer
Tsinghua Tongfang Company Limited (SSE: 600100), held by Tsinghua Holdings Company Limited of Tsinghua University in Beijing, is engaged in consumer electronics, information technology, energy and environment industries. IT businesses include information systems, application systems, digital television systems and Internet application. Energy and environmental business include environmental protection and energy saving. Tsinghua Tongfang markets TVs in North America, Europe and Australasia under the Seiki Digital brand.
Tsinghua Tongfang was established in 1997 and listed on the Shanghai Stock Exchange at the same year.