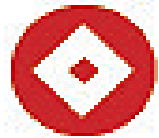




Foongtone Technology

Company Profile

2007/06/29



About Foongtone Technology

■ Founding:

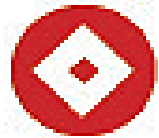
- 1989/08 (with over ten-year experience in Smart Card business)
- A subsidiary of YFY group
- Leading company of smart card industry in Taiwan
- US\$4.85M/Capital and US\$17M/Revenue-of-2006

■ Business Targets:

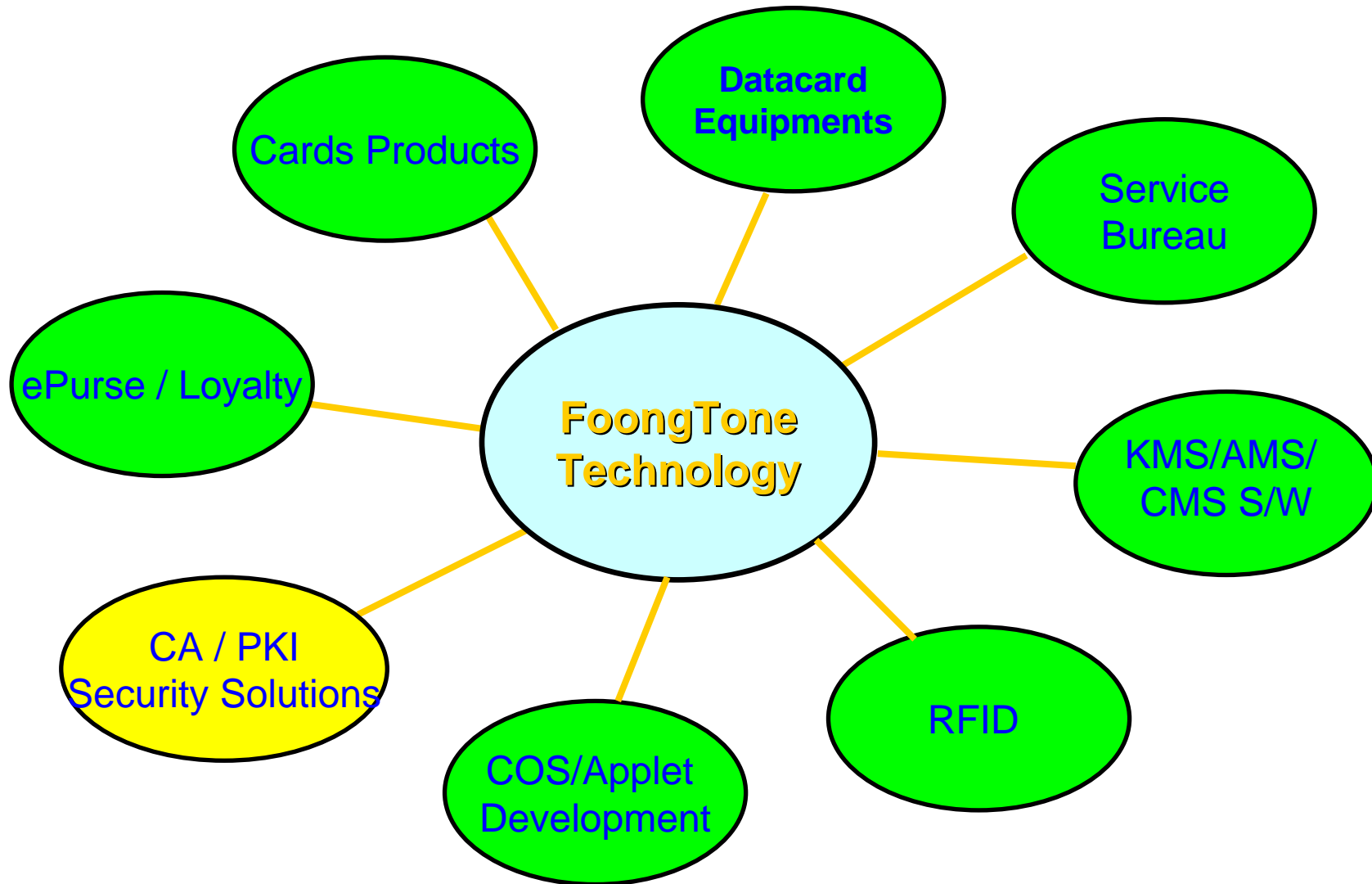
- Security tokens manufacture, applications and services

■ In regards to YFY group:

- YFY: The largest paper-based product vendor in Taiwan
- 2006 Revenue: around USD 49.6 Billion
- 3 business groups: paper/finance/technology
- Technology group: PVI (special dimension TFT-LCD)、Foongtone (smart card & IT security) & bio-technology companies



FoongTone Technology- Main Product Lines

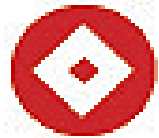




The Business of Ours...

- Stemmed from *“security printing”*
- Products & services (cryptography-technology-central)
 - Smart Card manufacturing (volume: 30M pcs/year)
 - Card issuance service (SIM/CreditCard/ATM/PKI...)
 - Smart card applications (issuance, key management, lifecycle management...)
 - USB Security token
 - IT Security solutions (PKI, Digital Right Management,...)
- Territories:
 - Banking (90% of local banks), Securities exchange
 - Teleco (SIM card)
 - Healthcare (Healthcare Information System security)
 - Enterprise (PKI, VPN, S/MIME,...)





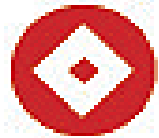
Worldwide Business Partnership...

■ World-wide security-related vendors/service-providers are Foongtone's business partners:

- *DataCard (Taiwan Sole Channel)*
- *VISA / MasterCard (including MIP, certified card issuer)*
- *Hitachi / Infineon / Philips (Smart card chip vendors)*
- *SafeNet (previously Rainbow / ChrysalisITS)*
- *Microsoft (Security Partner)*



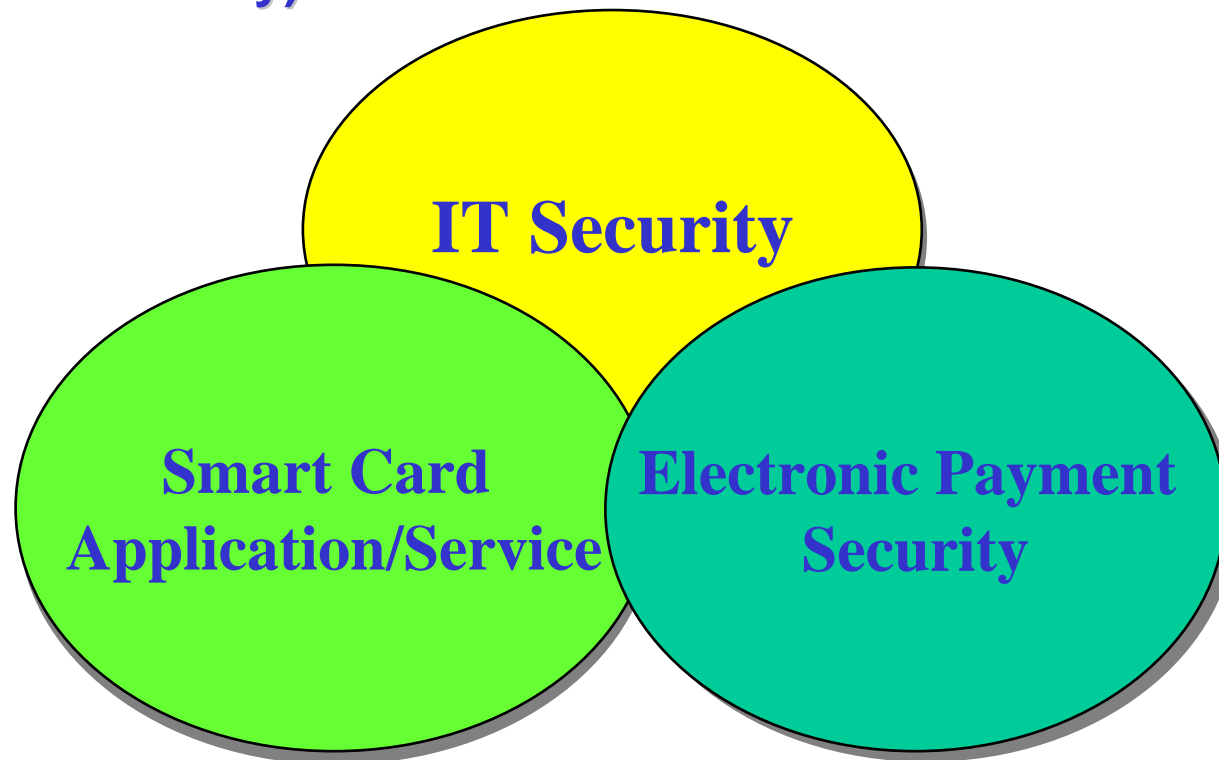
* All the logos/trademarks belong to their owners

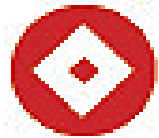


Special Business Focus...

- We are focused on the security requirements for the management of *information carrier* lifecycle:

Paper (security printing) + Security Tokens (Smart Card) +
Internet (IT Security)





IC Card & System Professional (1/5)

■ COS Development & Card Manufacturing

- COS (Card Operating System) Development
- Card Printing and Production
- Chip Embedding
- Chip Testing & Initialization

- ❖ The first and largest IC Card manufacturer in Taiwan
- ❖ ISO-9002 and 14001 certified
- ❖ VISA/MasterCard/JCB/AE card plant certified
- ❖ MultOS Bureau and Mondex Bureau certified
- ❖ Arsenal (Mifare contactless card) certified
- ❖ Capacity: 30,000,000 cards/year



VISA Certificate

VISA

VPSS INSPECTION Year 2006

This confirms that the payment security standards of

FoongTone Technology Co Ltd

No. 7-1, Lane 365, Sec.1, Chung Yung Road
Tucheng City, Taipei Hsien
Taipei Hsien, 236
Taiwan ROC

have been assessed by Visa Payment Security Services (VPSS) and found to be following guidelines and applicable Visa regulations with the following scope of review:

SCOPE OF INSPECTION CERTIFICATION

Card Manufacturer
ICC Embedder
ICC Initializer
ICC Personalizer
Magnetic Stripe Personalizer

STANDARDS: Visa International Security Validation Requirements for Card Vendors (Version 1.0, Jan 2004) and Logical Security Validation Requirements for Card Vendors (Version 2.0, Aug 2005)

Further clarification regarding the scope of this inspection certificate and its applicability may be obtained by consulting Visa Asia Pacific Payment Security Services.

CERTIFICATE NUMBER: 009/06

EXPIRY DATE: 31 December 2006

Ingo Noka
Head of Visa Payment Security Services
Risk Management
Asia Pacific

27 April 2006

Issue Date

This VPSS inspection certification indicates that as of the certificate issuance date, the above company has been found to follow guidelines and applicable Visa regulations and standards within the scope of the inspection as defined by the inspection certificate. By receiving this certificate, this company commits to maintaining the above standards and acknowledges that if at any time this company fails to maintain the above guidelines, regulations and standards, this certificate be automatically suspended or revoked. This inspection certificate is not transferable and remains the sole property of Visa International Service Association. This inspection certificate is issued subject to Visa's terms and conditions and does not warrant that this company's systems and accounts will never be compromised (physically or logically) or that there will never be an unauthorized disclosure or loss of data or materials held by this company.



MasterCard Certificate

GLOBAL VENDOR CERTIFICATION PROGRAM CERTIFICATE

Certificate N° 06157 – ICA n° 90550

Certificate Holder Identification:

FoongTone Technology Co., Ltd.
No. 7-1 Lane 365, Sec 1
Chung Yung Road
Tucheng City,
Taipei HSien 236
Taiwan

*MasterCard
International*



We hereby certify that the security configuration of your premises located in the address above mentioned, is in Compliance with the MasterCard Physical Security Standards for Plastic Vendors.

MasterCard Certification Body has therefore decided to grant your company with this Certificate, valid until March 31, 2007, covering the following card production activities :

Manufactures, personalizes, embosses, encodes and mails cards, chip embeds and chip personalizes chips.

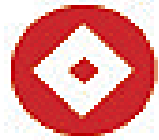
Waterloo - Belgium
April 2006

The Certification Body:

Luis Ferreira:

*MasterCard International
Payment Brands*





IC Card & System Professional (2/5)

■ Card Issuance Systems and Solutions

- World leading personalization equipment and systems
DataCard sole agent in Taiwan
- Holding the best sales achievements
- Have the most completed sales support and services teams

Market Share in Taiwan : 75%

- ❖ **Credit, IC Card Market : 90%**
- ❖ **Commercial Market : 60%**
- ❖ **EMV Solution : 100%**



IC Card & System Professional (3/5)

■ The largest Service Bureau in Taiwan

- Account data processing and management
- Personal photo Image processing and management
- Card personalization process

- ❖ ISO-9002 and 14001 certified
- ❖ BS7799 certified
- ❖ VISA/MasterCard/JCB/AE International approval

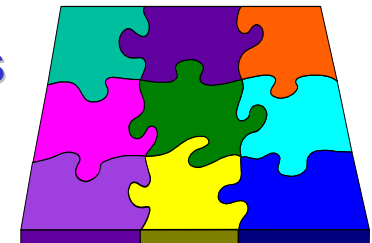




IC Card & System Professional (4/5)

■ IC Card Application System Integration

- Software and system planning/development
- IC Card personalization system development
- IC Card total solution integration/providing
- Application Software development
- Planning and consultancy Services
- Training, installation, and after-sales services

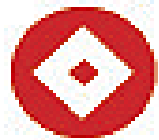




IC Card & System Professional (5/5)

■ Electronic Commerce Application System Development and Integration

- Network security system
- Network certificate authentication system
- CA/PKI system
- e-Purse system and loyalty system
- System integration and services



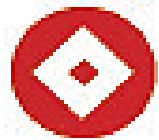
CHT Prepaid Telephone IC Card





EMV Chip card (Translucent/Foil card)





Combo card



Cash Card

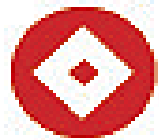


Combo card



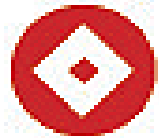
Visa Debit card





7-11 Taiwan Store value card





2006 New Product-PayPass

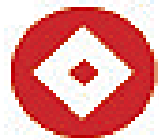
- Cooperative with OTI Company to manufacture Magstripe PayPass product
- Non-ISO card products for PayPass
 - Key Fobs
 - Any type of RF products



Taiwan money-Combi



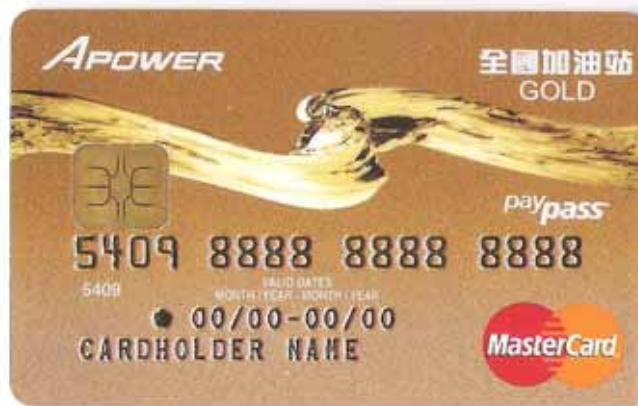
KeyFob



Combi Card



**VISA Wave +
TSCC MRT card**



PayPass

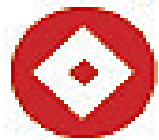


VISA Wave



Security Devices/Tokens for IT

- **Security requires hardware-based devices/tokens for assurance**
 - **Host-level: HSM (Hardware Security Module)**
 - **Client-level: smart cards and USB tokens**
- **Emergence of the requirement for security tokens in IT environment**
 - **Security Requirements:**
logon, S/MIME email, file encryption, digital signature, online transaction,...
 - **Smart Card is still the most secure way**
Leverage Java Card & Global Platform Technologies, to create IT security applications on the cards
 - **USB Tokens can fulfill the both requirements: storage and security**



Storage-based Token Business

■ Think about the reciprocal idea

- How about the security token is also a storage...
- How about the token can be used to protect the owners' privacy

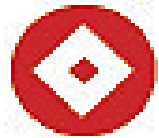
■ The facts

- User is willing to take a storage device instead of a security token
- A lot of IT user devices and software bundle the flash-storage as a gift
- More and more consumer electronic devices push the demand of flash-storage product (e.g., MP3 player)

■ Our idea

- User adopts storage v.s.
Service provider makes use its security functions
- Partial space in the flash-storage can be used as cryptographic key container
- Just a little bit overhead in hardware





We Offer IT Security Applications

■ Membership management

- Cryptographic key to authenticate key owners
- PKI (Public Key Infrastructure) private key container for digital signature
- Banking transaction

■ Standard Internet security applications

- VPN client authentication
- S/MIME-compliance email
- File encryption
- Thin-Client integration (Citrix, SunRay,...)

■ License Management

- Bundling tokens in COTS software package to control the license

■ DRM (Digital Right Management)

- By PKI and tokens, to derive an unique key for content protection
- Used in Adobe/Microsoft environment
- EDSS (Enterprise Document Security System) solution for Enterprise DRM



Contact US

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CHUNG-HO CITY,TAIPEI(235),
TAIWAN, R.O.C.



Thank You !