

E-cert Experiences

China's Journey



• Outline



1. Background

2. Features

3. Current situation & achievement

4. Future work



• Outline



1. Background

2. Features

3. Current situation & achievement

4. Future work





1. Background of China's E-cert international cooperation



•Background



中华人民共和国出入境检验检疫
ENTRY-EXIT INSPECTION AND QUARANTINE
OF THE PEOPLE'S REPUBLIC OF CHINA

共3页第1页 Page 1 of 3
编号 No.: 310600211000752

HEALTH CERTIFICATE/CERTIFICADO SANITARIO
FOR IMPORTS OF FISHERY PRODUCTS INTENDED FOR HUMAN CONSUMPTION/
PARA LAS IMPORTACIONES DE PRODUCTOS DE LA PESCA DESTINADOS AL CONSUMO HUMANO
Veterinary certificate to EU/Certificado veterinario para la UE

Part I: Details of dispatched commodity/
Parte I: Detalles relativos a la partida expedida

1.1. Consignor / Expedidor: Name/ Nombre: SHANGHAI HAIDELL FOODS CO., LTD Address/ Dirección: NO 1501 WANGYUAN ROAD, FENGXIAN MODERN AGRICULTURE PARK, SHANGHAI, CHINA Postal code/ Código postal: Tel No. / Tel. N°:		1.2. Certificate reference number / N° de referencia del certificado 310600211000752		1.2.a.	
1.5. Consignee / Destinatario: Name/ Nombre: MARKETING MIX, S.A. Address/ Dirección: C/KERT, 9 46190 RIBARROJA DEL TURIA (VALENCIA) Postal code/ Código postal: Tel No. / Tel. N°:		1.3. Central Competent Authority / Autoridad central competente General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China		1.4. Local Competent Authority / Autoridad local competente Fengxian Entry-Exit Inspection and Quarantine Bureau	
1.7. Country of origin/ País de origen	ISO code/ Cód. ISO	1.8. Region of origin / Región de origen	Code/ Código	1.9. Country of destination/ País de destino	ISO code/ Cód. ISO
P.R.China	CN	SHANGHAI	*****	SPAIN	ES
1.11. Place of origin/ Lugar de origen Name/ Nombre: SHANGHAI HAIDELL FOODS CO., LTD Address/ Dirección: NO 1501 WANGYUAN ROAD, FENGXIAN MODERN AGRICULTURE PARK, SHANGHAI, CHINA Approval number/ Número de autorización: 3100/02051		1.12.		1.14. Date of departure/ Fecha de salida 31 JAN, 2011	
1.13. Place of loading/ Lugar de carga SHANGHAI PORT, CHINA		1.15. Means of transport/ Medio de transporte Aeroplane/ Aeronave <input type="checkbox"/> Ship/ Buque <input checked="" type="checkbox"/> Road vehicle/ Vehículo de <input type="checkbox"/> Other/ Otros <input type="checkbox"/> Railway wagon/ <input type="checkbox"/> Vagón de ferrocarril <input type="checkbox"/> Carretera <input type="checkbox"/>		1.16. Entry BIP in EU / PIF de entrada en la UE VALENCIA, SPAIN	
1.18. Description of commodity / Descripción de la mercancía: IQF FRESH WATER SHRIMP HL50		1.19. Commodity code (HS code)/ Código del producto (Código NC): 0306		1.20. Quantity/ Cantidad: **20200KGS NET	
1.21. Temperature of product / Temperatura de los productos Ambient/ Ambiente <input type="checkbox"/> Chilled/ De refrigeración <input type="checkbox"/>		1.22. Number of packages/ Número de bultos: **2020CTNS		1.23. Identification of container/ Seal number: N° del precinto y n° del contenedor BMOU9202010/P1524544	
1.24. Type of packaging / Tipo de embalaje: CARTON		1.25. Commodities certified for/ Mercancías certificadas para: Human consumption/ Consumo humano <input checked="" type="checkbox"/> Para importación o admisión en la UE		1.26. Identification of the commodities/ Identificación de las mercancías	
Species/ Especie (Scientific name/ Nombre científico)	Nature of commodity/ Naturaleza de la mercancía	Treatment type/ Tipo de tratamiento	Approval number of establishments/ Número de aprobación de los establecimientos	Number of packages/ Número de bultos	Net weight/ Peso neto
LAT.PENAEUS MONODON	AQUACULTURE ORIGIN	FROZEN	3100/02051	**2020CTNS	**20200 KGS

- Import & export commodities are in line with laws and regulations
- Port clearance at import countries



- Facilitate trade
- Prevent trade fraud
- Crack down upon counterfeit certificates
- Ensure quality and safety of import commodities

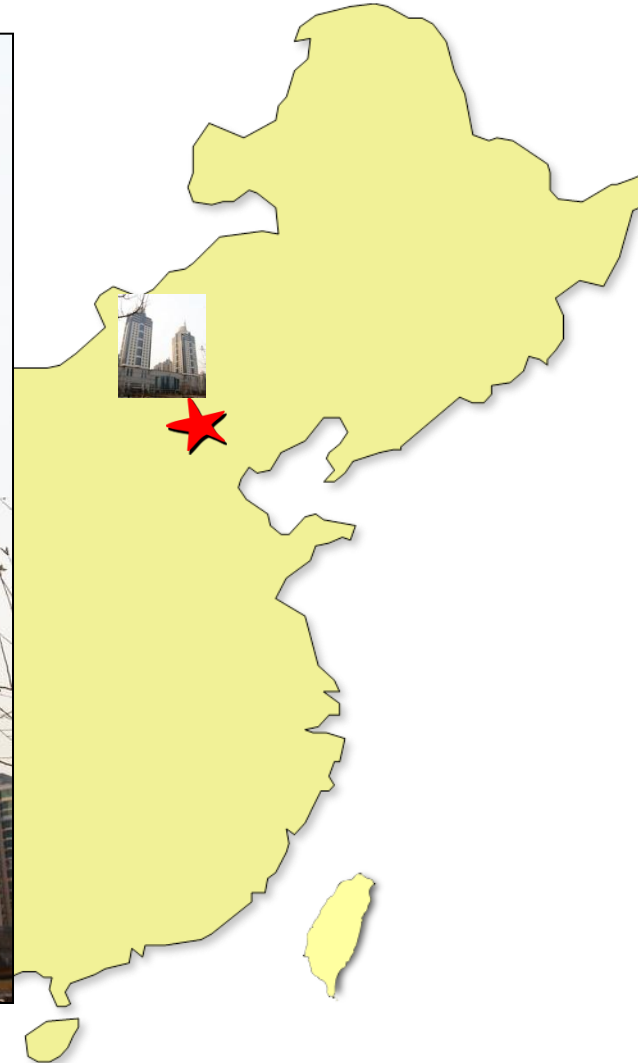


Country / Area A

Country / Area B

E-Cert system

- AQSIQ



- AQSIQ



- 300 branches
- 200 local offices



- AQSIQ

330,000
certificates verified

2,250,000
certificates issued



Plant protection organisation
To plant protection organisation

Name and address of exporter
Declared name and address
Number and description
Distinguishing marks
Place of origin
Declared means of conveyance
Declared point of entry
Name of produce and botanical name of plant

Date
Transit duration and temperature
Additional information
Additional declaration

(Stamp of origin)
No financial contribution
(name of plant)

(*) Optional clause



- A huge amount of certificates



**Improving Efficiency
Needed**

**Ensure the authenticity and accuracy
to accelerate consignment clearance**

**Fraudulent certificates
increased**

**Severely impact seriousness and
authority, bring great harm to the
healthy development of international
trade**



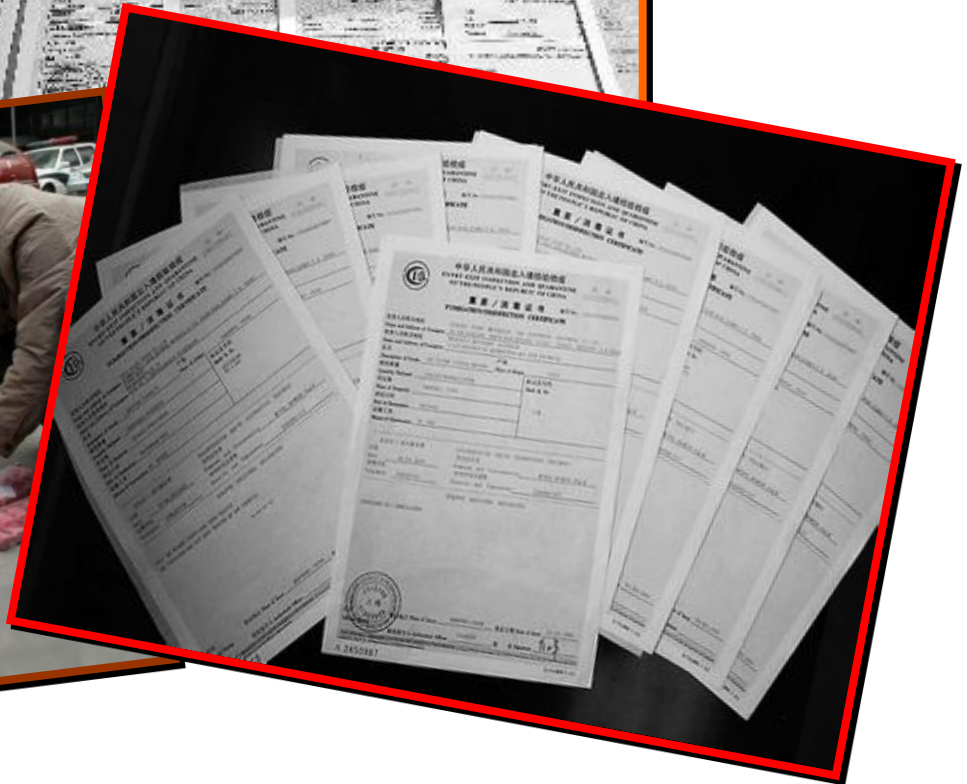
- Countermeasures



- In order to safeguard the international image of “Made in China” and maintain order for international trade, AQSIQ has always been committed to take effective measure to improve quality and efficiency of certificate issuance and to crack down upon fraudulent certificates.**

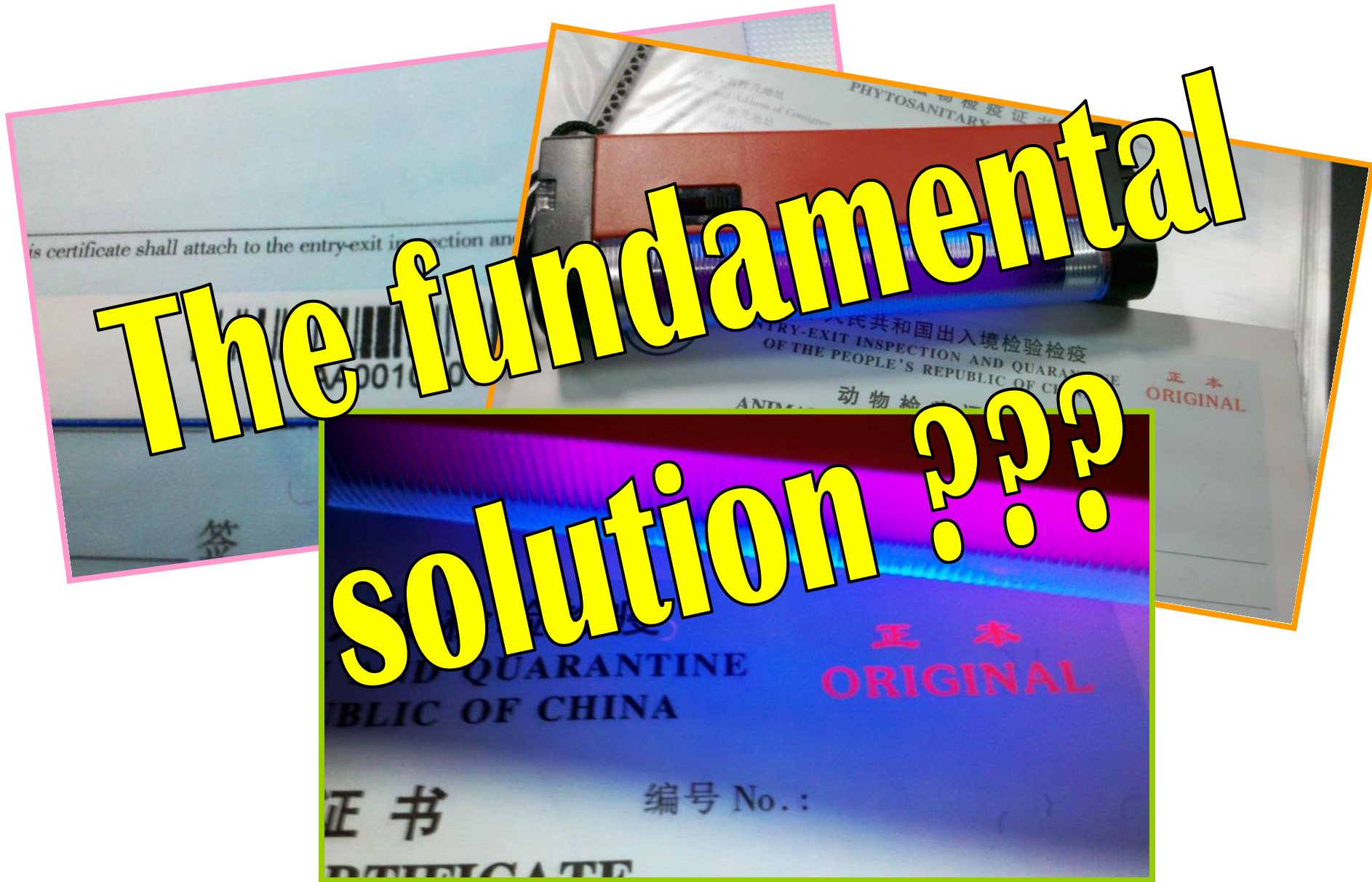


- Crack down on counterfeiting certificates



The fundamental

solution ???



The fundamental solution

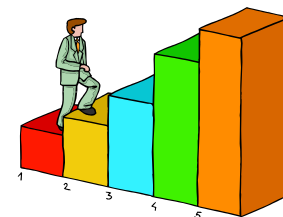
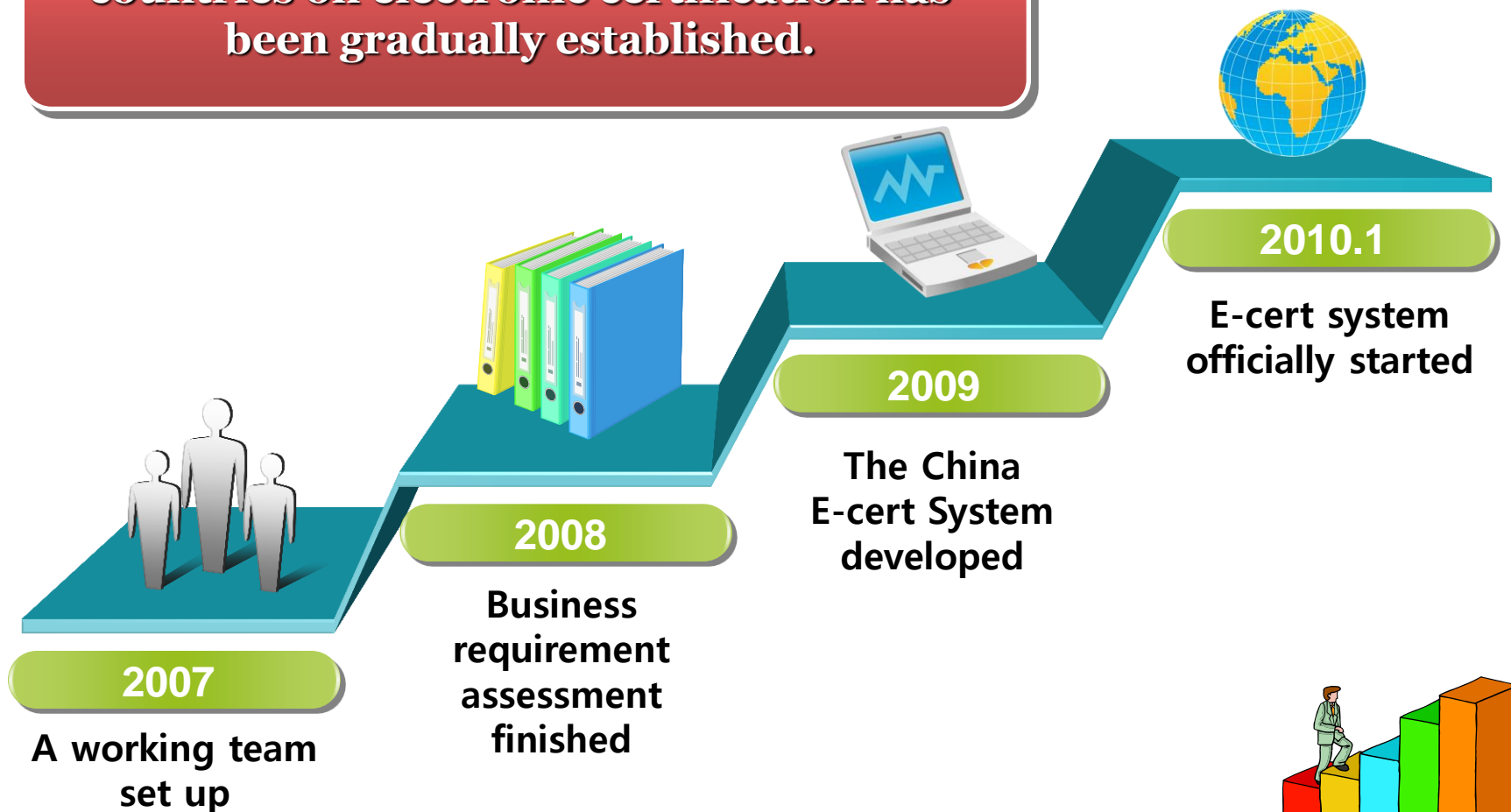


**Set up an international online electronic
certificate verification mechanism**



- China's International E-Cert Cooperation

The cooperation mechanism with other countries on electronic certification has been gradually established.





2. Features of China's E-cert system



- Features of the China's E-cert system



- The Main Features

Standardization



- Designed in accordance with international standards.
- Conforming to the UN/CEFACT E-cert Data Standard model
- Data transmitted in the extensible Markup Language (XML)

```
<certificates>
  <certificate no="NZL2009/AER1/36" status="Approved">
    <issue_date year="2009" month="3" day="26" hour="19" m.
    <exporting_country country_code="NZ">
      <country_name>New Zealand</country_name>
      <competent_authority>New Zealand Food Safety Authority</exporting_country>
    <importing_country country_code="NZ">
      <country_name>New Zealand</country_name>
    </importing_country>
    <title>
      <text language="en"><![CDATA[ Certificate for Animal Products for Human Consumption Exported from New Zealand
    ]]></text>
    </title>
```

```
<xs:element name="exporting_country">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="country_name"/>
      <xs:element ref="competent_authority"/>
    </xs:sequence>
    <xs:attribute name="country_code" type="string_2" use="required"/>
  </xs:complexType>
</xs:element>
<xs:element name="country_name" type="string_254"/>
```



- The Main Features

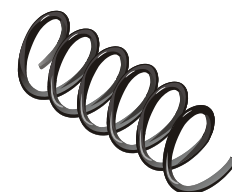


Flexibility



- **3 flexible accesses:**

- On-line view and verification (<http://ecert.eciq.cn>)
- Pull data (SOAP interface)
- Push data (SMTP interface)



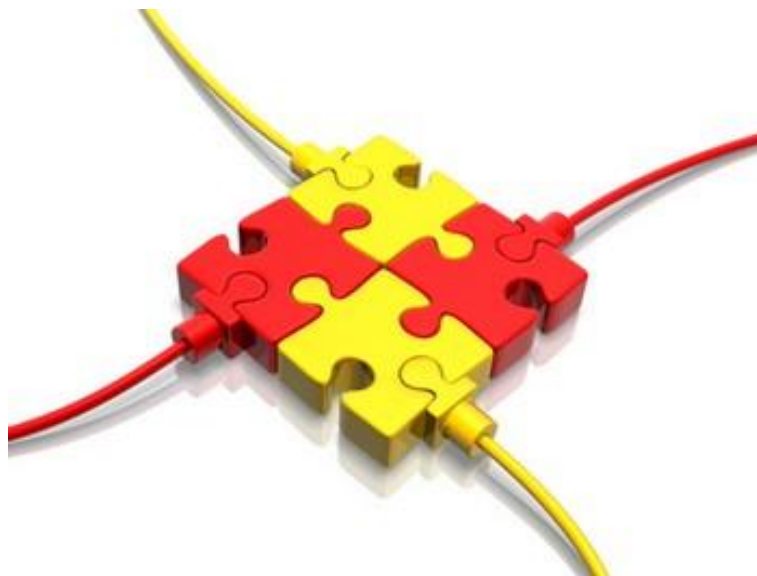
- The Main Features



Openness



- No limit at number of users
- Apply for the approval from the competent department in AQSIQ through your embassy in China



- The Main Features



Timeliness



- Check e-cert information in real time
- Submit online inquiry
- Adopt measures according to verification results and reply immediately

Interactive Informations			
Type	Operator	Date	Content
Request	fda	2009-04-10	Please provide a certificate explanation.
Response	110000200707300006	2009-04-17	Please check mail.

Verification Information	
Verification Result	<input checked="" type="radio"/> Pass <input type="radio"/> Refuse <input type="radio"/> Request
Remark	<div></div>



- The Main Features



Security



- Secure Hypertext Transfer Protocol (HTTPS)
- 128 bit encryption
- User authentication



ION AND QUARANTINE E-CERT SYSTEM

Register	test
User Name*
Password*	
Organization Name*	
Telephone*	



- The Main Features

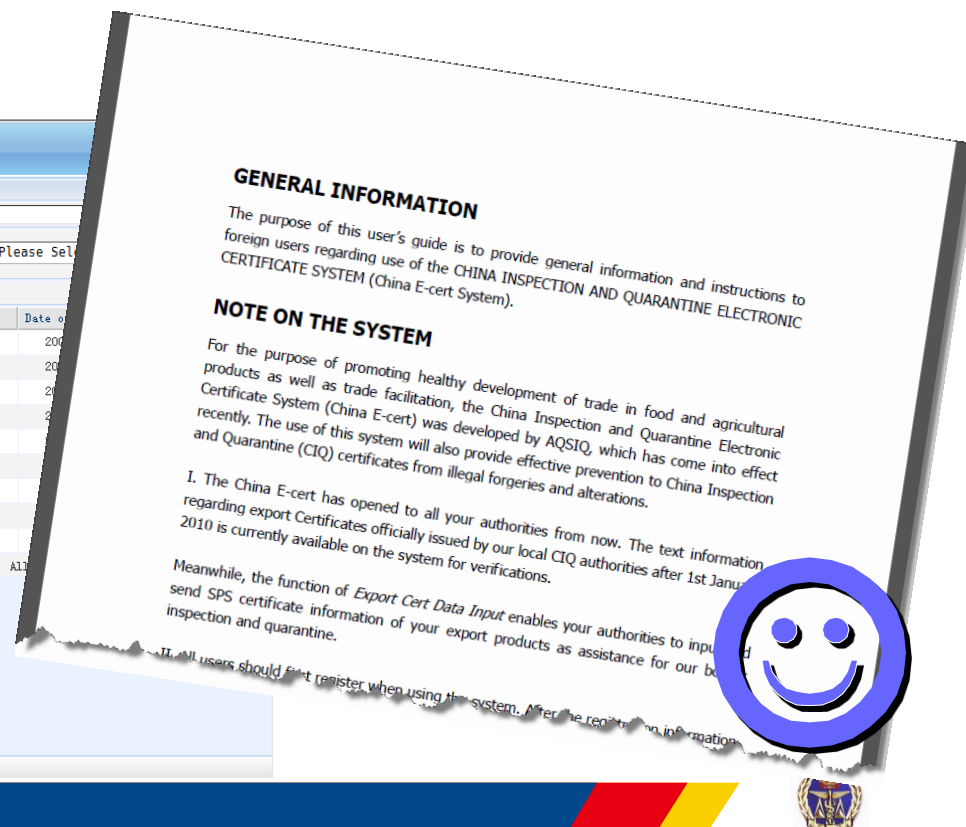
Convenience



- Friendly interface
- Easy to operate
- User Guide on website

The screenshot shows the CHINA INSPECTION AND QUARANTINE E-CERT SYSTEM interface. The top header includes the system name and a logo. The left sidebar contains navigation options: Import Cert Verification, E-Cert Verification, Text Cert Verification, Import Cert View, Export Cert Data Input, and User Info Administration. The main content area is titled 'E-Cert Verification' and includes fields for Certificate No., Certificate Name, Date of Issue, and Status. Below these fields is a table with columns: Select, Certificate No., Issuing Authority, Certificate Name, Language, and Date of Issue. The table lists several certificates issued by TIANKIN CIQ, all for Phytosanitary Certificates in Chinese/English. At the bottom of the table are 'View' and 'Verification' buttons. The footer of the interface reads 'Beijing Itownet Cyber Technology Ltd. All rights reserved. Copyright © 2008'.

Select	Certificate No.	Issuing Authority	Certificate Name	Language	Date of Issue
<input type="radio"/>	120000209000034	TIANKIN CIQ	Phytosanitary Certificate	Chinese/English	2008-12-10
<input type="radio"/>	120000209000014	TIANKIN CIQ	Phytosanitary Certificate	Chinese/English	2008-12-10
<input type="radio"/>	120000209000011	TIANKIN CIQ	Phytosanitary Certificate	Chinese/English	2008-12-10
<input type="radio"/>	120000209000009	TIANKIN CIQ	Phytosanitary Certificate	Chinese/English	2008-12-10
<input type="radio"/>	120000209000006	TIANKIN CIQ	Phytosanitary Certificate	Chinese/English	2008-12-10
<input type="radio"/>	120000109000099	TIANKIN CIQ	Phytosanitary Certificate	Chinese/English	2008-12-10
<input type="radio"/>	120000109000041	TIANKIN CIQ	Phytosanitary Certificate	Chinese/English	2008-12-10
<input type="radio"/>	120000109000039	TIANKIN CIQ	Phytosanitary Certificate	Chinese/English	2008-12-10
<input type="radio"/>	120000109000038	TIANKIN CIQ	Phytosanitary Certificate	Chinese/English	2008-12-10

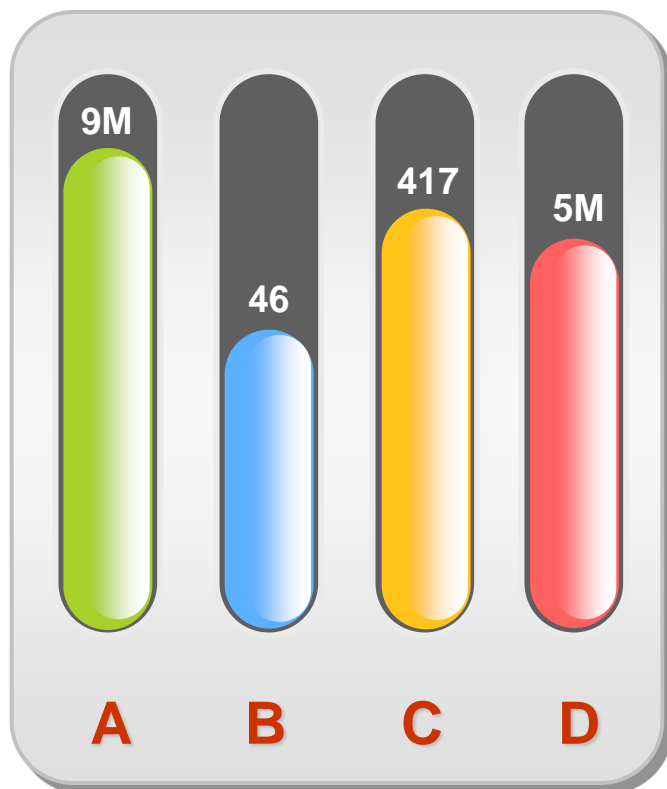




3. Current situation & achievement of China's E-cert international cooperation



- Development & Achievements



A. Over 9 million E-certs uploaded

B. 46 countries using the system

417 officials using the system

D. 5 million E-certs verified



- Development & Achievements



- Cooperative agreements signed



- Countries or areas communicated



New Zealand

Chile

Egypt

Chinese Taiwan

Australia

German

Belgium

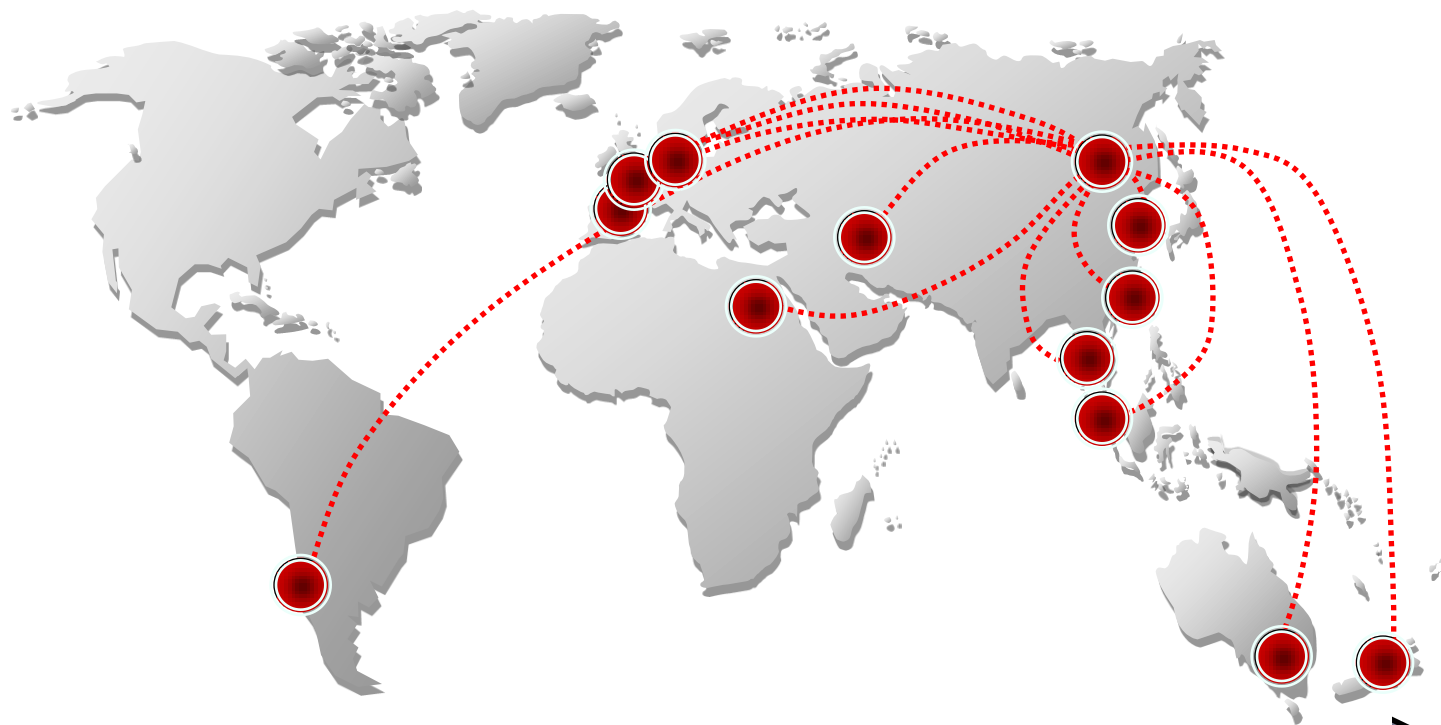
Thailand

Netherlands

Singapore

France

South Korea



1. Accelerates import clearance

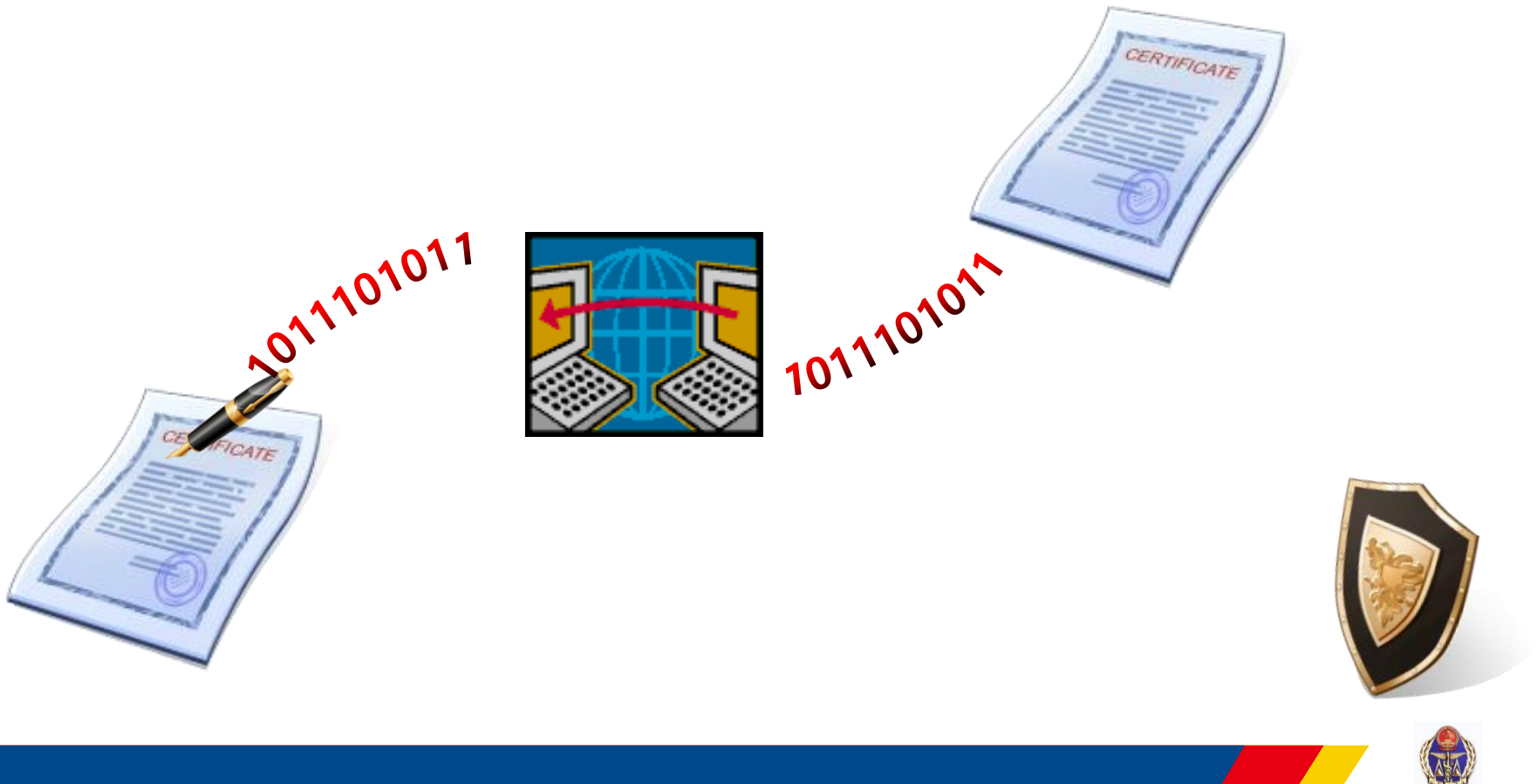
- E-Cert data exchange has greatly accelerated the delivering of certificates.



2. Prevents fraudulent certificates



- The use of HTTPS can effectively prevent electronic data from being tampered, and ensure the authenticity and accuracy of electronic certificates.



3. Establishes communication channel

- The E-cert System provides a good platform for online communication in real time.

Interactive Informations			
Type	Operator	Date	Content
Request	fda	2009-04-10	Please provide a certificate explanation.
Response	110000200707300006	2009-04-17	Please check mail.

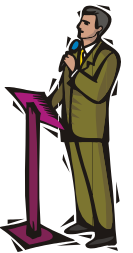
Verification Information			
Verification Result	<input checked="" type="radio"/> Pass	<input type="radio"/> Refuse	<input type="radio"/> Request
Remark			

Submit Back





4. China's future work on E-cert



- The Prospects for the future



- **China is willing to cooperate with all countries in e-cert and set up mechanisms for e-cert verification. China welcomes all countries to use its E-cert system, so as to carry out e-cert verification, facilitate trade, promote paperless certification and ensure quality and safety of import and export commodities traded between China and other countries.**



1. To further improve the system



- **China will speed up adjustment of the E-cert system and development of E-cert system' sub-systems and supporting systems.**
- **China welcomes suggestions and comments on its E-cert system from all countries.**



2. To boost the development



- **China is willing to share experiences on e-cert with all countries and to help interested countries to establish their own e-cert systems.**



3. To promote paperless certification



- **China is willing to make joint efforts with its cooperative partners to gradually realize paperless certification between governments through on-line e-cert verification.**



3. To promote paperless certification

- China is willing to make joint efforts with its cooperative partners to gradually realize paperless certification between governments through on-line e-cert verification.



Contact Information



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Thank you!

