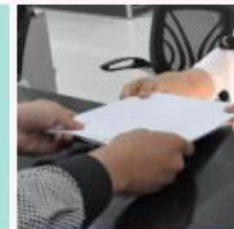


# E-cert Experiences

## China's Journey



# • Outline

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**1. Background**

**2. Features**

**3. Current situation & achievement**

**4. Future work**



# • Outline

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**1. Background**

**2. Features**

**3. Current situation & achievement**

**4. Future work**





# **1. Background of China's E-cert system**





# •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

1.3. 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

1.5. 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°:

1.6. Country of origin/  
Pais de origen

1.7. Country of origin/  
Pais de origen

1.8. Region of origin/  
Región de origen

1.9. Country of destination/  
Pais de destino

1.10. ISO code/  
Cód.ISO

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. Date of departure/ Fecha de salida  
31 JAN, 2011

1.13. Place of loading/ Lugar de carga  
SHANGHAI PORT, CHINA

1.14. Date of departure/ Fecha de salida  
31 JAN, 2011

1.15. Means of transport/ Medio de transporte  
Aeroplane/ Aeronave ☐ Ship/ Buque ☒ Road vehicle/ Vehículo de carretera ☐ Other/ Otros ☐ Railway wagon/ Vagón de ferrocarril ☐

1.16. Entry BIP in EU / PIF de entrada en la UE  
VALENCIA, SPAIN

1.17. Identification/ Identificación: VESSEL: CSAV RIO DE JANEIRO/01104/S  
Documentary references / Referencia documental:  
B/L NO.: N2ACSPY00

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 ☐ Chilled/ De refrigeración ☐ Frozen/ De congelación ☒

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 ☒  
Para importación o admisión into EU/  
Para importación o admisión en la UE

1.26. Identification of the commodities/ Identificación de las mercancías

1.27. For import or admission into EU/  
Para importación o admisión en la UE

1.28. Species/ Especie  
(Scientific name/ Nombre científico)

1.29. Nature of commodity/  
Naturaleza de la mercancía

1.30. Treatment type/ Tipo de tratamiento

1.31. Approval number of establishments/  
Número de aprobación de los establecimientos

1.32. Manufacturing plant/ Fábrica

1.33. Number of packages/  
Número de bultos

1.34. 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



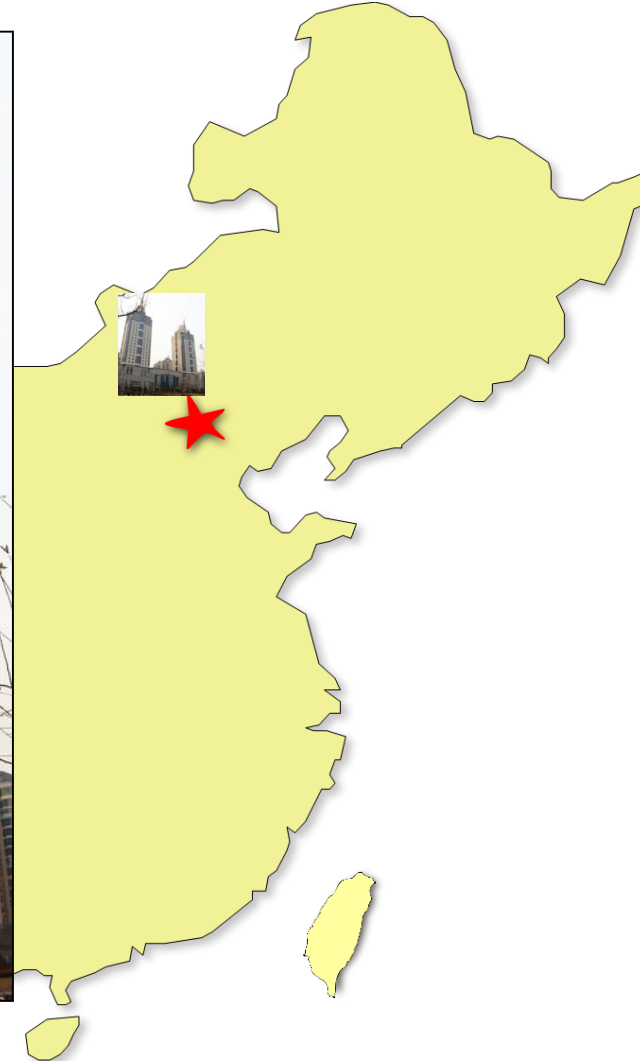
*Country / Area A*

*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: ..... Travelling  
Duration and emergency  
Additional information  
Additional declaration

(Stamp of)

No financial liability  
(name of plant)

(\*) Optional clause

MINIS

199 M003

Good



## **- A huge amount of certificates**

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**Improving Efficiency  
Needed**

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

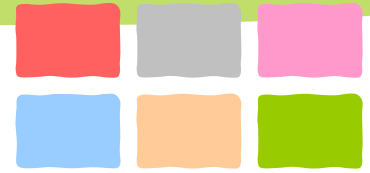
**Fraudulent certificates  
increased**

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



## **- Countermeasures**

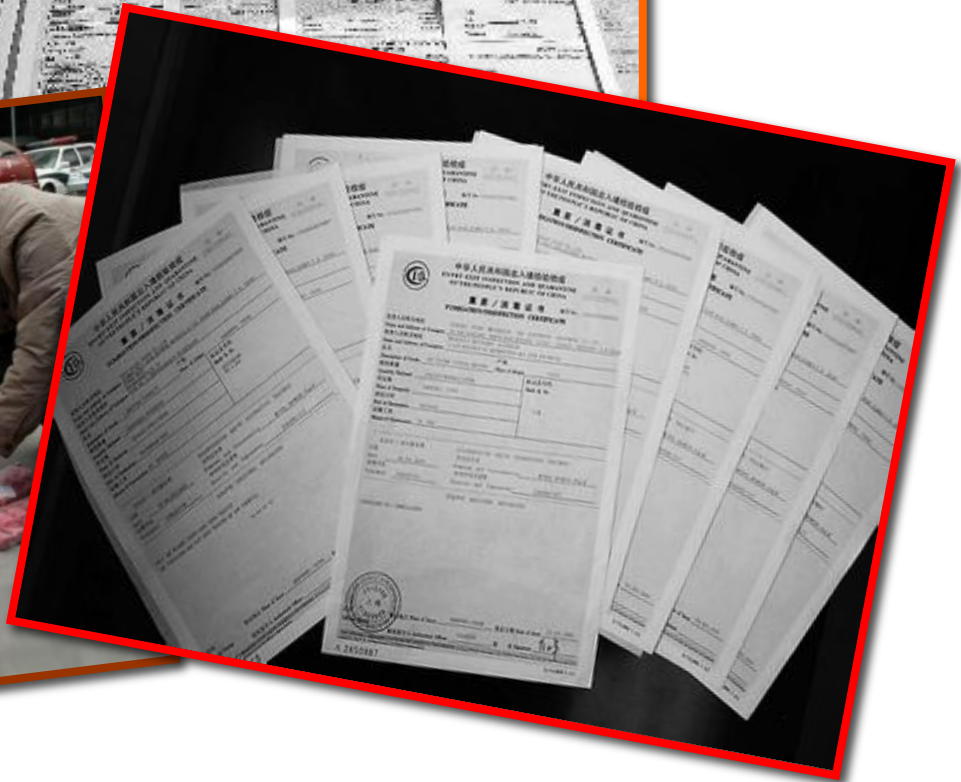
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- In order to safeguard the international image of “Made in China” and maintain order for international trade, AQSIQ has always been committed to take effective measure to improve quality and efficiency of certificate issuance and to crack down upon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



# - Crack down on counterfeiting certificates

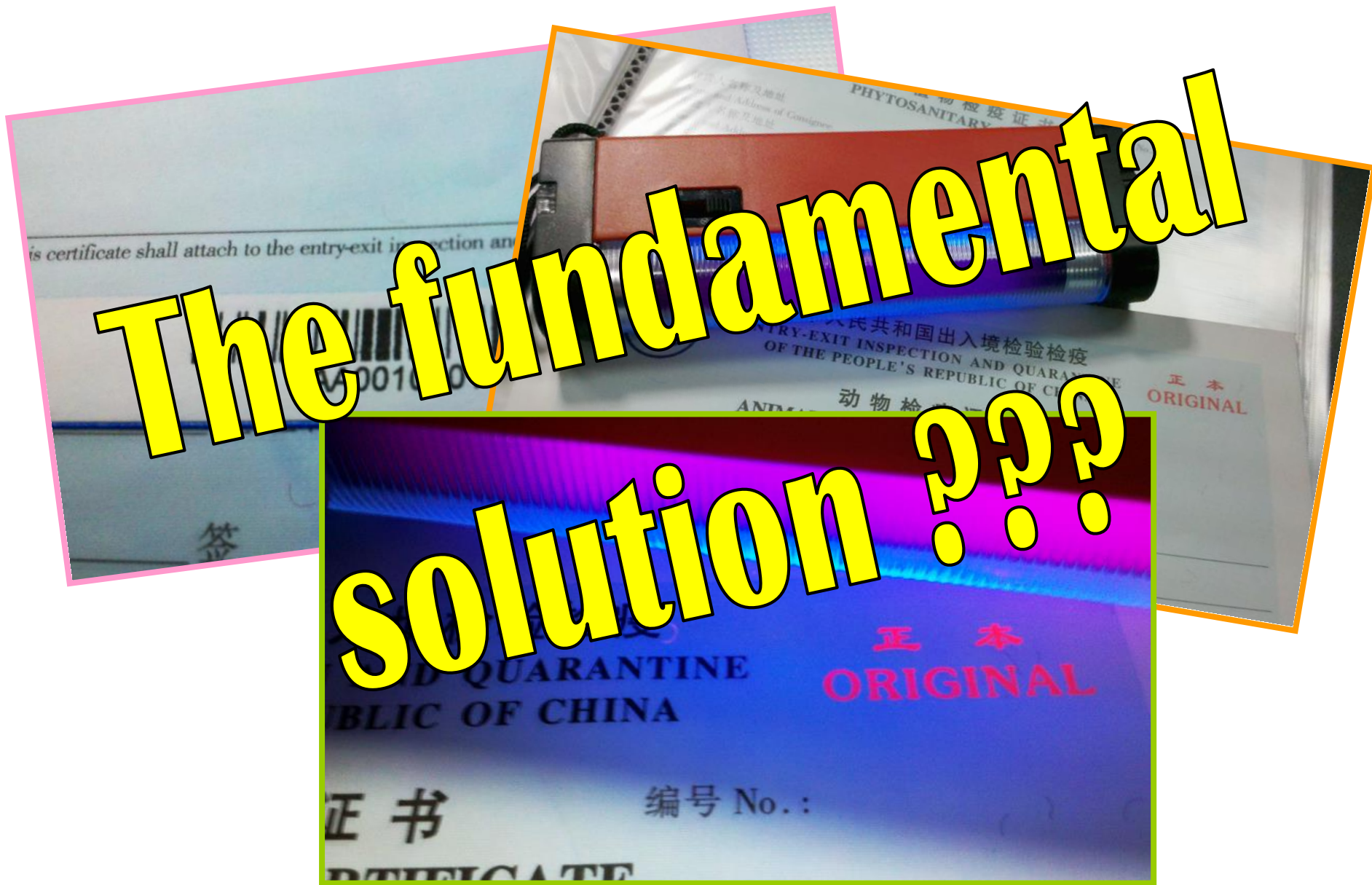


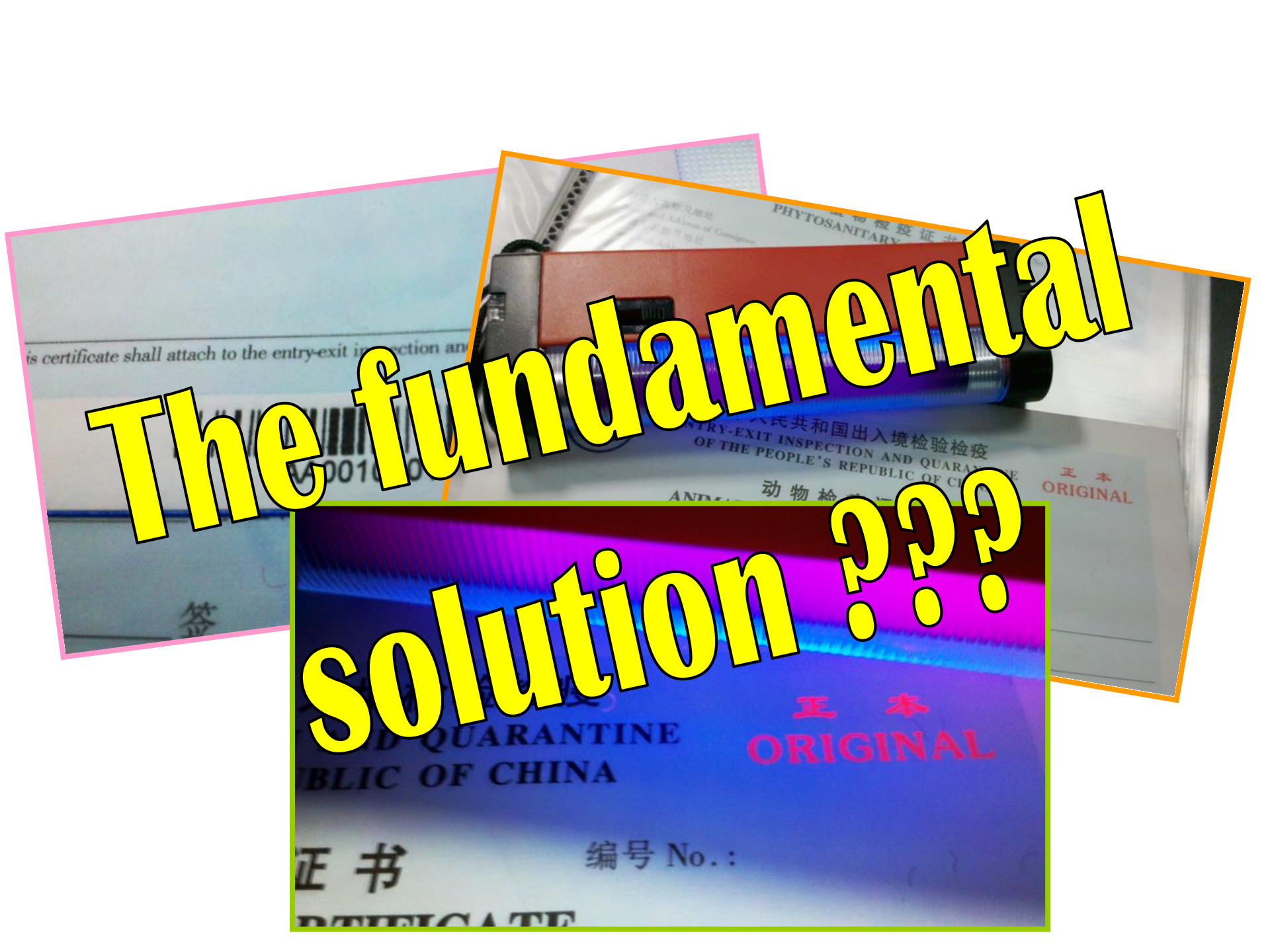


- More counterfeit proof

The fundamental

solution ???





The fundamental

solution ???

# The fundamental solution

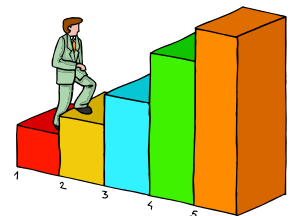


**Set up an international online electronic  
certificate verification mechanism**



# - China's International E-Cert Cooperation

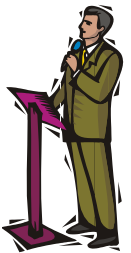
The cooperation mechanism with other countries on electronic certification has been gradually established.







## **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

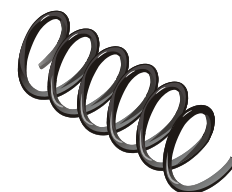


## Flexibility



- **3 flexible accesses:**

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





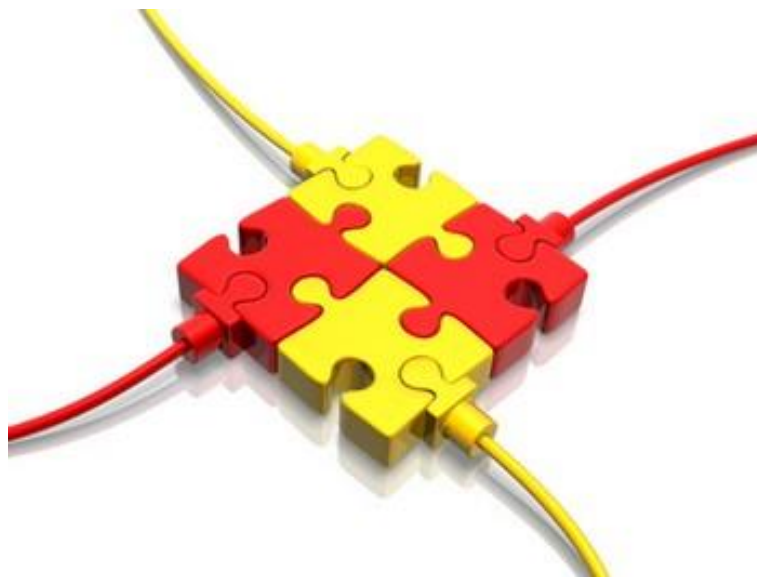
# - The Main Features



## 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

**CHINA INSPECTION AND QUARANTINE E-CERT SYSTEM**

Current User: ccs  
Country/Region: United States

Import Cert Verification  
E-Cert Verification  
Text Cert Verification

Import Cert View  
Export Cert Data Input  
User Info Administration

**E-Cert Verification**

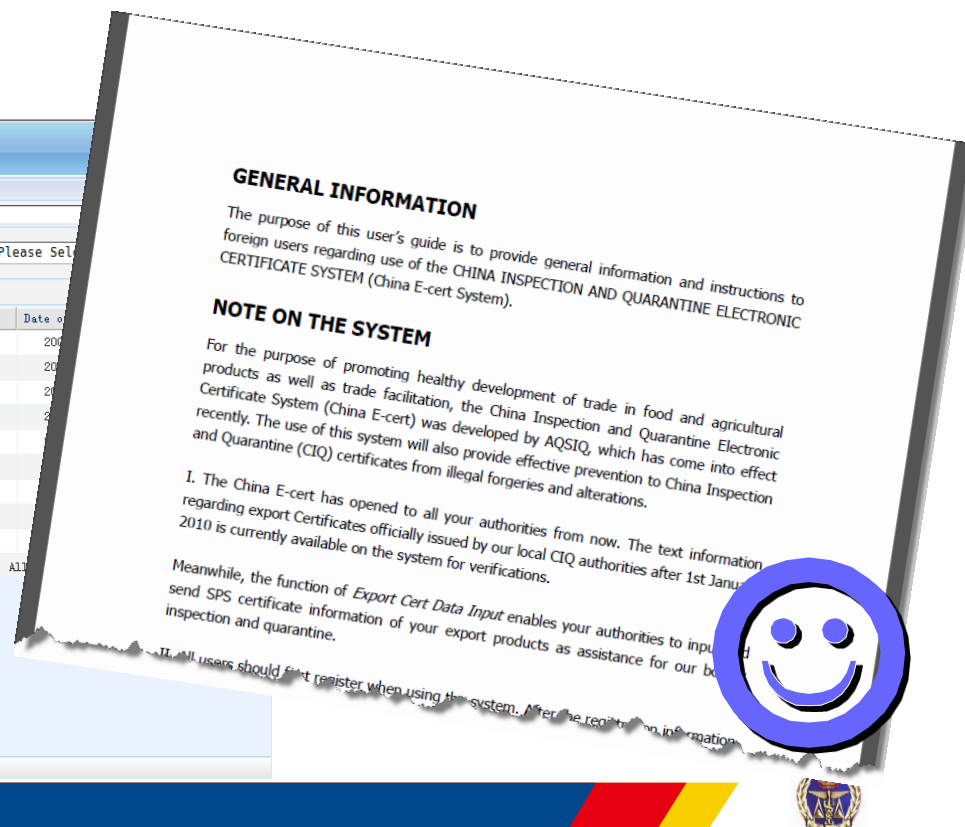
Certificate No.  Certificate Name   
Date of Issue  -  Status

Set Chinese Language Support

Select	Certificate No.	Issuing Authority	Certificate Name	Language	Date of Issue
<input type="radio"/>	120000209000034	TIJIANJIN CIQ	Phytosanitary Certificate	Chinese&English	2009-12-24
<input type="radio"/>	120000209000014	TIJIANJIN CIQ	Phytosanitary Certificate	Chinese&English	2009-12-24
<input type="radio"/>	120000209000011	TIJIANJIN CIQ	Phytosanitary Certificate	Chinese&English	2009-12-24
<input type="radio"/>	120000209000009	TIJIANJIN CIQ	Phytosanitary Certificate	Chinese&English	2009-12-24
<input type="radio"/>	120000209000006	TIJIANJIN CIQ	Phytosanitary Certificate	Chinese&English	2009-12-24
<input type="radio"/>	120000109000099	TIJIANJIN CIQ	Phytosanitary Certificate	Chinese&English	2009-12-24
<input type="radio"/>	120000109000041	TIJIANJIN CIQ	Phytosanitary Certificate	Chinese&English	2009-12-24
<input type="radio"/>	120000109000039	TIJIANJIN CIQ	Phytosanitary Certificate	Chinese&English	2009-12-24
<input type="radio"/>	120000109000038	TIJIANJIN CIQ	Phytosanitary Certificate	Chinese&English	2009-12-24

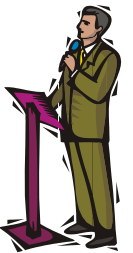
[View](#) [Verification](#) Current 1 Page All

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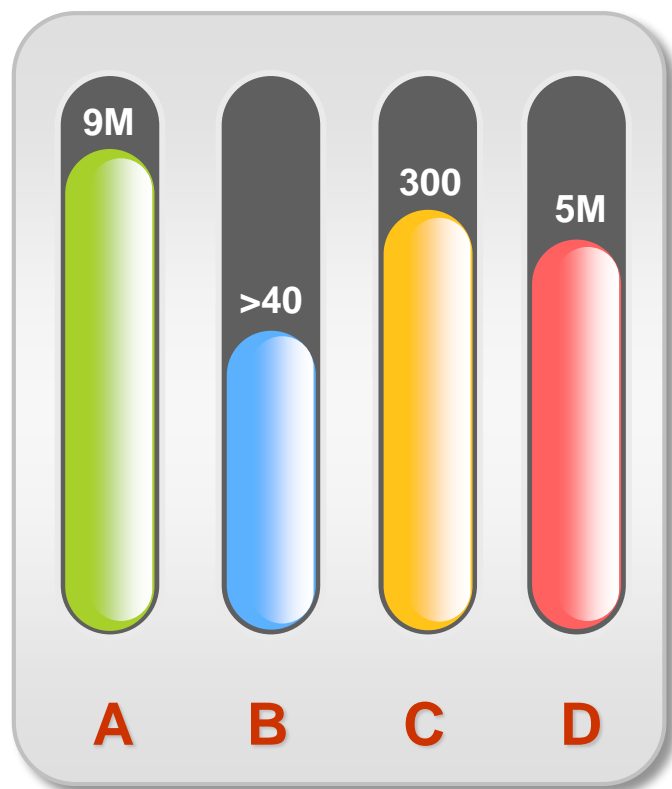



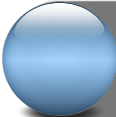




# 3. Current situation & achievement of China's E-cert international cooperation



# - Development & Achievements



-  A. Over 9 million E-certs uploaded
-  B. Over 40 countries using the system
-  C. Nearly 300 officials using the system
-  D. 5 million E-certs verified





# - Development & Achievements



## - Cooperative agreements signed

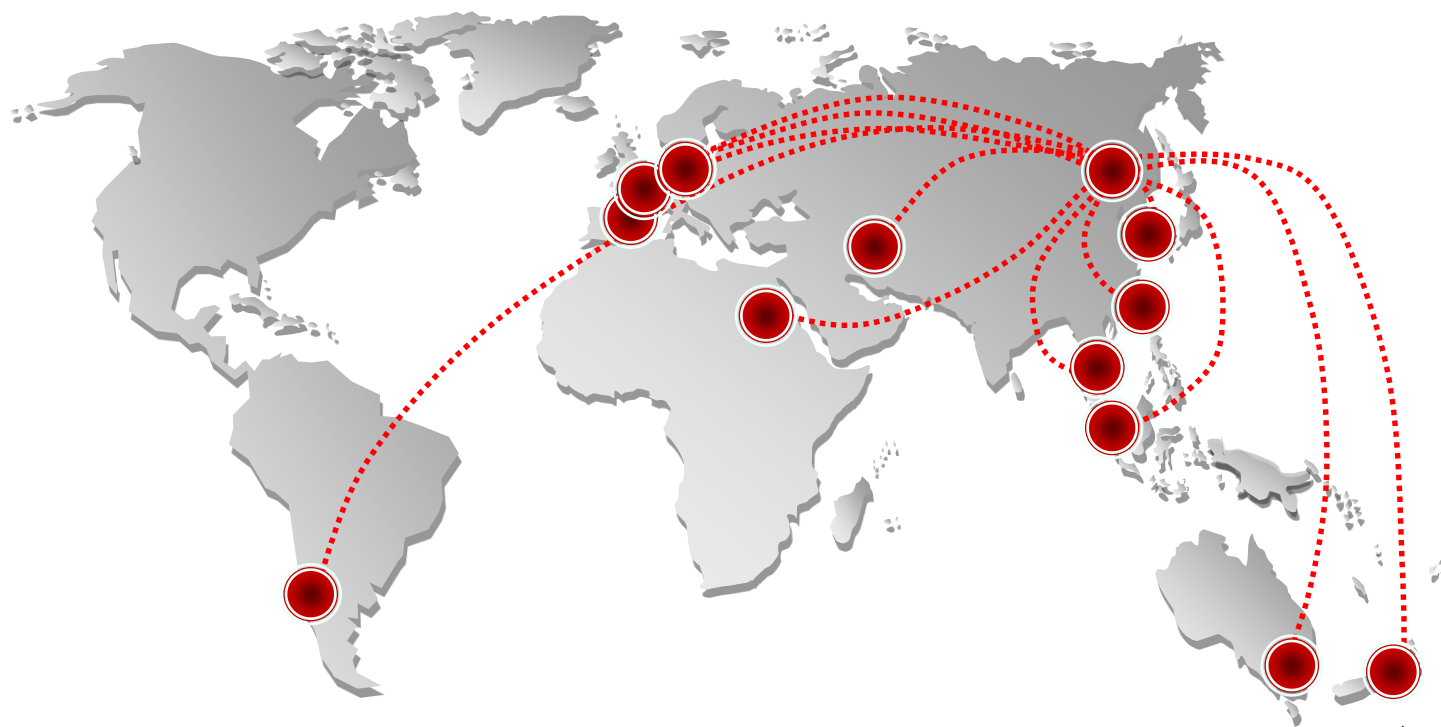




# - Countries or areas communicated



- |                                      |                                    |                                  |   |
|--------------------------------------|------------------------------------|----------------------------------|---|
| <input type="checkbox"/> New Zealand | <input type="checkbox"/> Chile     | <input type="checkbox"/> Egypt   | <input type="checkbox"/> Chinese Taiwan |
| <input type="checkbox"/> Australia   | <input type="checkbox"/> German    | <input type="checkbox"/> Belgium | <input type="checkbox"/> Thailand       |
| <input type="checkbox"/> Netherlands | <input type="checkbox"/> Singapore | <input type="checkbox"/> France  | <input type="checkbox"/> South Korea    |



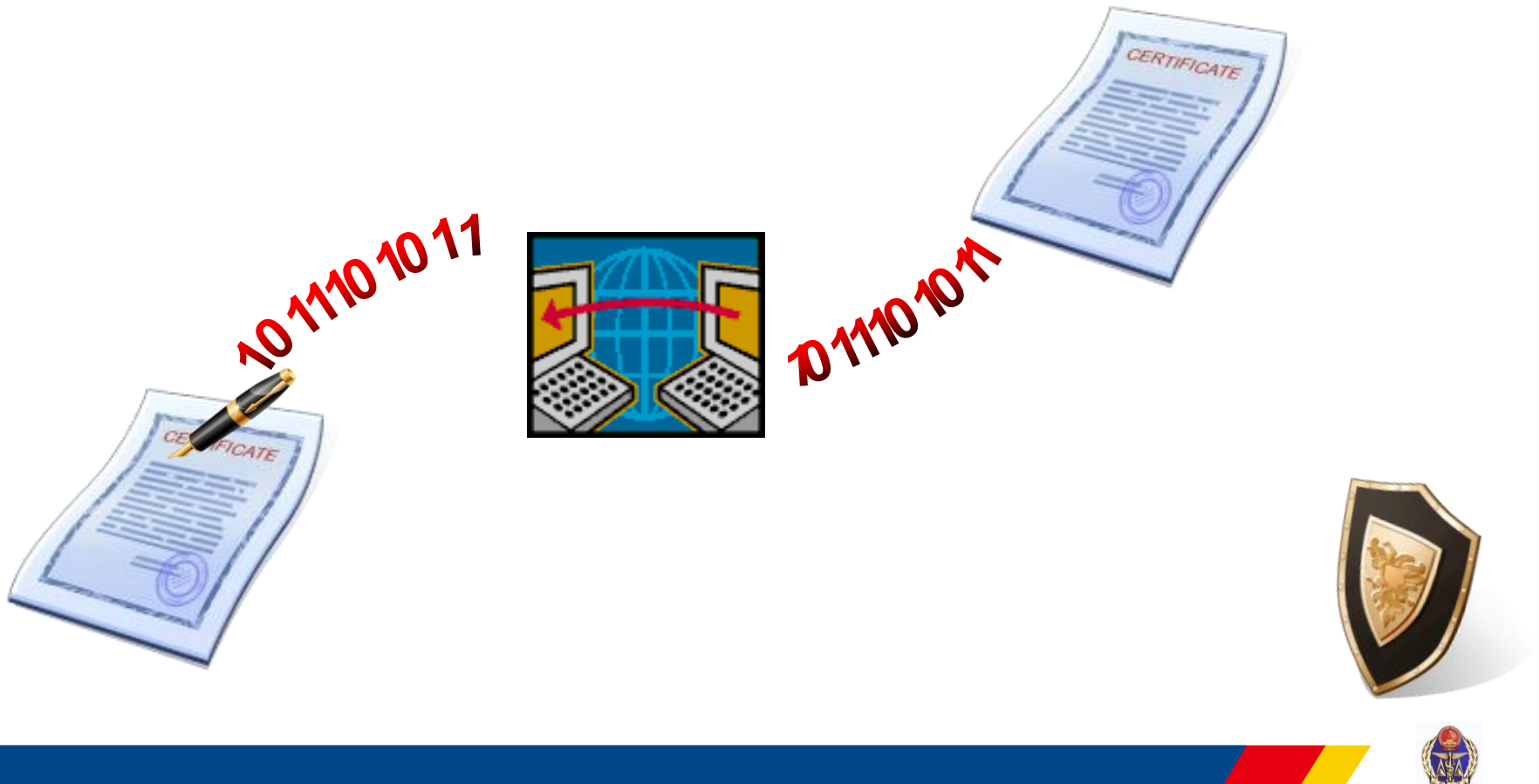
# 1. Accelerates import clearance

- 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




## 4. China's future work on E-cert



# **- The old and new system switching**

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- **CIQ2000 will be ended**
  - **ECIQ will be put into trial operation**
- After the new system fully implementing, we will issue certificates digitally and realize the exchanging data.**



# **- The Prospects for the future**

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- 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

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- **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.**
- **China is willing to conduct e-cert standards research, participate in formulation and revise of international e-cert standards, promote standardization of international e-certification, and constantly enhance the level of e-certification in China and in the world.**



### **3. To promote paperless certification**

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- **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.





Thank you!

