

# TECHNOLOGY EMPOWERS DIGITAL TRANSITION

WCO TECHNOLOGY CONFERENCE SHARE SPEECH

**OF CUSTOMS** 

CHINA CUSTOMS
HONGYE WU
2024.11 BRAZIL



### SMART CUSTOMS



Digital



Digital Intelligence

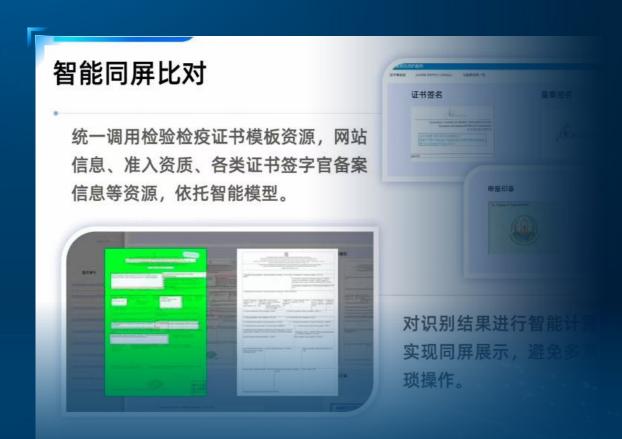


Digital Governnance

# SMART PASSENGER INSPECTION



### SMART CERTIFICATE AUDIT



### SMART PASSENGER INSPECTION



#### PROBLEMS

- Slow clearance
- Excessive interference from customs supervision
- Low level of intelligent inspection
- Lacking sufficient precision



## SMART PASSENGER INSPECTION



#### METHODS

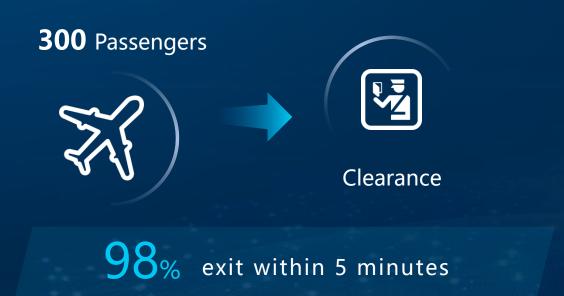
- "5G+AR glasses" &"Center + Site"
- Achieved precise control and interception in luggage and item supervision
- Integrated intelligent equipment and facilities in our platform
- Data interconnection with external units, achieve "One code clearance"
- Utilize Intelligent Image Audit technology

### SMART PASSENGER INSPECTION





SHANGHAI Passenger Inspection Port





Clearance time

Several hr.



**30** min.

Saving 30-50% of human resources.

Over 10 times higher than that of manual drawing audit.

### SMART CERTIFICATE AUDIT



#### PROBLEMS

Some foreign inspection and quarantine certificates
are submitted in unstructured formats like PDF and
Image files, it requires manual verification on-site.
 The whole process is complex and labor-intensive.



### SMART CERTIFICATE AUDIT



#### METHODS

- Using OCR, AI, and machine learning ......
- Developed a certificate text detection and recognition model and parameterized customs operational guidelines, achieving intelligent recognition and automated comparison of attached documents.

### SMART CERTIFICATE AUDIT



#### RESULTS





Manual comparison

More than 20 min.



An accuracy rate of over 95%

Smart Certificate Audit 2 min.

