

The background of the slide is composed of numerous overlapping triangles in shades of dark grey, black, and teal, creating a complex, crystalline geometric pattern that frames the central text.

LEVERAGING THE LATEST TECHNOLOGIES TO BUILD SMART CUSTOMS

15TH MARCH, 2018 MR. MA XIONGFENG



01

CHALLENGES

CHALLENGES FACING CUSTOMS



Security and facilitation in global trade
Modernization on customs administration
Simplification on customs procedure
Cooperation among customs authorities
Improved transparency of customs enforcement



SMART CUSTOMS

S ecurity

M obility

A utomation

R eciprocity

T ransparency

SECURITY



- Information Security
- Site security
- Access security
- Human security
- Business partnership security
- **Cargo Security**
- Container Security
- Conveyance Security
- Emergence Management

MOBILITY



Statistics



Report Management



Dispatching Management



Inventory Management



Intelligent Alarm



Process Management



Risk Analysis



On-road Supervision

Entry



Check Station



Exit



GPRS



Illegal Opening



Door Broken



GPRS



Deviation



GPRS



Checkpoint



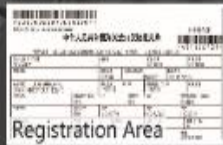
Sealing Area



Checkpoint



Unsealing Area



Registration Area



Scanning Area



Registration Area



Scanning Area



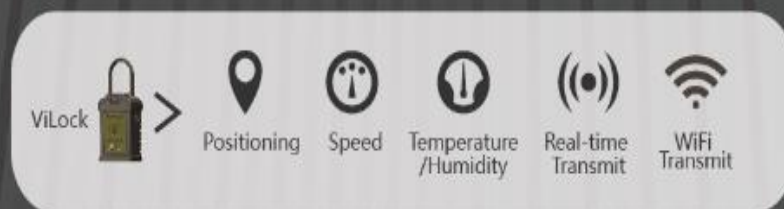
Low Battery



Overtime Stay



Lock-rod Broken



ViLock



Positioning



Speed



Temperature /Humidity



Real-time Transmit

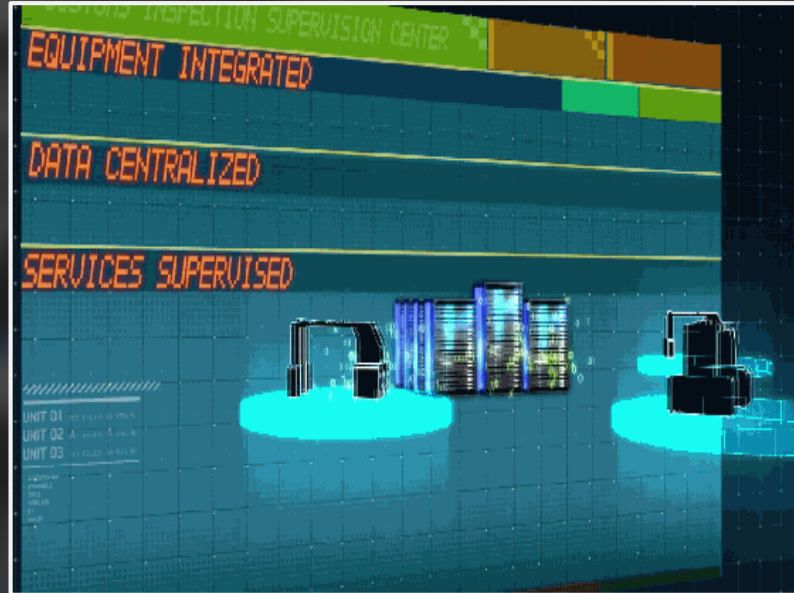


WiFi Transmit

AUTOMATION



AUTOMATION
OF DATA COLLECTION



AUTOMATION
OF DATA EXCHANGE



AUTOMATION
OF IMAGE ANALYSIS



RECIPROCITY

- National IT Integration
- Corridor Electronic Data Interchange
- Regional Hybrid Cloud Service

TRANSPARENCY

- 360° Real-time Monitoring
- Centralized Management
- Resource Linkage
- Remote Command & Dispatch



02

ViCenter





03

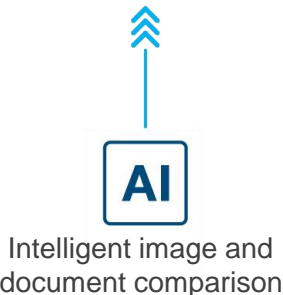
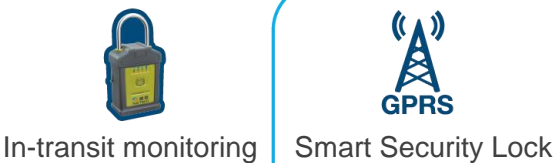
ViTrack





ViTrack-Intelligent Logistics Supervision Platform

CUSTOMS LOGISTICS SUPERVISION PLATFORM



ViTrack Application

- Mass storage, long battery support
- Real-time location positioning by GPS satellite
- Upload positioning data to platform by marine satellite
- Read data via WIFI after arriving for comparison



The background features a complex, abstract geometric pattern composed of numerous triangles in shades of dark grey, black, and teal. These triangles are arranged in a way that creates a sense of depth and movement, with some appearing to overlap others. The overall effect is a modern, high-tech aesthetic.

THANKS

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