



Benefits and challenges of digital ID

Jesús Pimentel Cortés
Huawei Latin America
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Considerations and Challenges After the Epidemic



**Continuous Security,
Safety and Health**



**Less Reliant on Manpower, more
Remote Working and AI
Augmentation**



**Frictionless & Personalized
Passenger Service**



**Digital
Transformation**

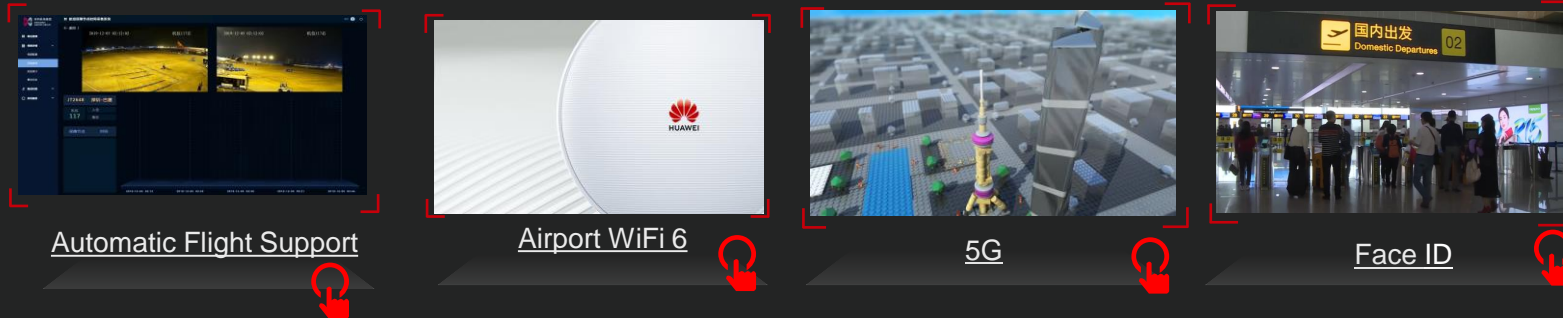


**Financially and Operationally
Resilient**



**Flexible and Responsive Infrastructure
Green, Net Zero Carbon Emissions**

Smart Airport Solution Architecture



Automatic Flight Support

Airport WiFi 6

5G

Face ID

Industry assets

Data enablement AI enablement Application enablement

- IoT Big data AI Video ICP GIS ...

Computing | Storage | Network

Datacenter

One Network

Clean power generation

Efficient power utilization

- 5G IP + POL eLTE Passengers Wi-Fi

- Display Dispatching terminal AP Access control PV

Airfield

Terminal

Public area

- Ground handling vehicles Landing/Taxiing Ground handlers Passengers Vehicles



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Seamless Experience Using Facial, Palm, Iris Biometrics Recognition

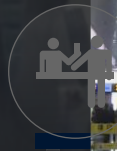
FR-based check-in



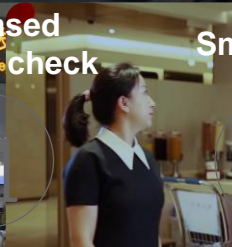
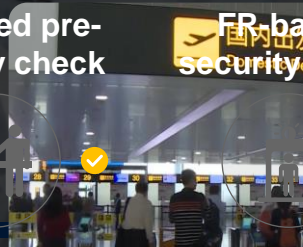
FR-based baggage drop



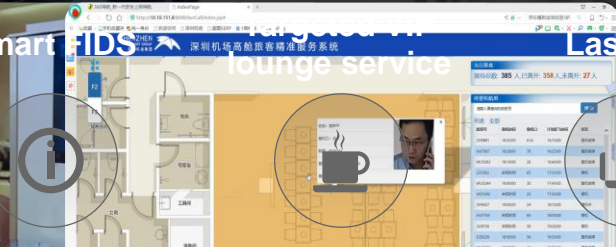
FR-based pre-security check



FR-based security check



Smart FIDS lounge service



Last Call



Boarding using FR



Congestion Management

Minimizing Contact & Interaction

Eliminating Unnecessary Document Exchange



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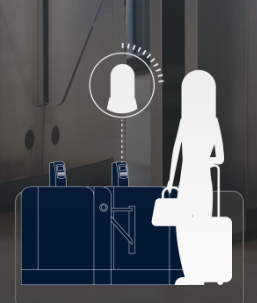

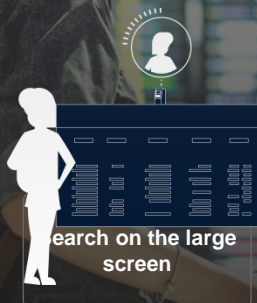
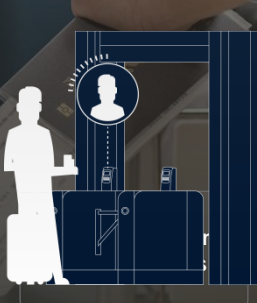
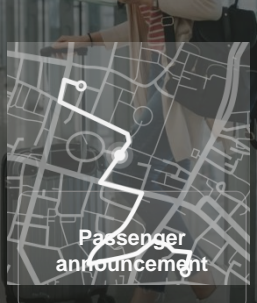

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One ID Solution Optimizes Airport Experience and Save Labor Cost

<p>Queuing time reduced by 20% Number of airport staff reduced by 50%</p>	<p>Better security check experience for VIP passengers</p>	<p>30s → 5s</p>	<p>120s → 3s</p>	<p>Efficiency improved by 40% Enhanced safety</p>	<p>Improved VIP services Decrease in the proportion of passengers missing their flights and fewer complaints</p>		
<p>Check-in Queue for self-service kiosk which uses facial recognition</p> 	<p>Baggage drop Queue for self-service kiosk which uses facial recognition</p> 	<p>Pre-security check FR-based pre-security check; queue for self-service kiosk which uses facial recognition</p> 	<p>Security check Queue for facial recognition and ID card swiping</p> 	<p>HTS Electronic navigation path display using facial recognition</p> 	<p>Boarding Self-service boarding using facial recognition</p> 	<p>Last Call Facial image tracking</p> 	<p>Automatic lounge service Targeted VIP identification and query</p> 

Shorten queuing time, meet differentiated requirements, improve experience and save labor cost.

One ID Solution Throughout the Entire Passenger Departure Process



FR-based check-in



FR-based baggage drop



FR-based pre-security check



FR-based security check



Smart FIDS



Targeted VIP lounge service



Last Call



Boarding using FR



Self-service check-in kiosk

Self-service baggage drop kiosk

Differentiated security check kiosk

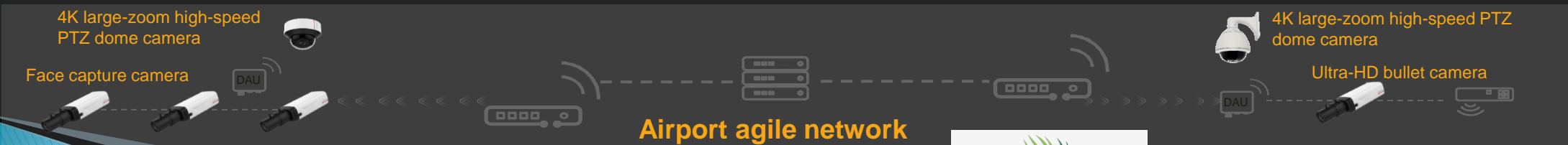
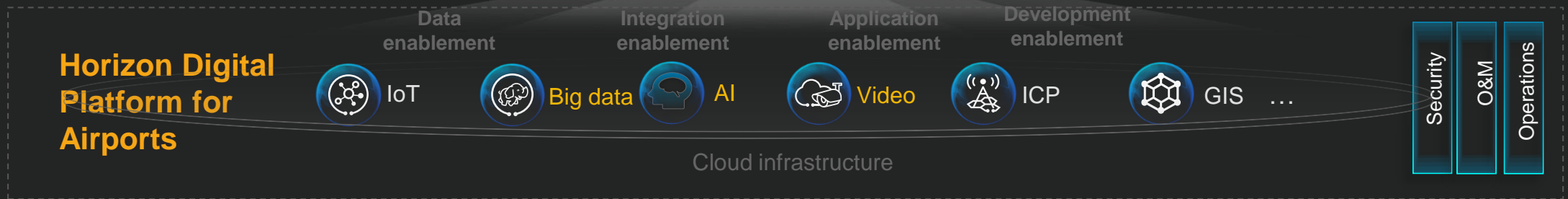
Self-service security check verification turnstile

Smart FIDS device

VIP lounge face capture camera

Airport face capture camera

Self-service boarding gate



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In Aviation for 20 Years and Serving 100+ Aviation Customers



Dubai Airport

The world's first dual Tier III certified prefabricated modular data center



London Heathrow Airport

eLTE Network



Changi Airport

GPON, Network, Server, Storage, Power solution



HK Airport

730,000 m² 2 runways
CCTV, 5G, WiFi Network



Spain AENA

2 main airports, 45+ small airport
Storage



Beijing Airport

1,410,000m² 3 runways
New AOCC, WiFi6, Server Storage



Chengdu Tianfu Airport

719,000m² 3 runways
Network, WiFi, UPS, 5G



Beijing Daxing Airport

780,000m² 4 runways
Network, UPS, 5G, Cloud



Qingdao Jiaodong Airport

540,000 m² 2 runways
Network, WiFi, UPS, 5G, Cloud

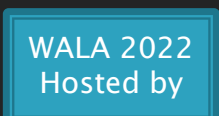


Shenzhen Airport

686,000 m² 2 runways
Network, Storage, UPS, 5G, Cloud



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Thanks!

- ▶ Jesús Pimentel Cortés
Huawei Latin America
Sr. Business Developer
josed.cortes@huawei.com
- ▶ <https://www.linkedin.com/in/jesuspimentelc/>



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