



Face4 Systems Inc.

**Faces on the Move
for Border Facilitation**



Face Recognition Solutions

www.face4systems.com

Face4 Systems Inc.





- HQ in Ottawa, Canada
- Founded in 2000
- Face Recognition Solutions
Faces on the Move
- Customers/Partners globally
Canada Border Services Agency



Faces on the Move






-  [Redacted]
-  [Redacted]

Score: 0.68
RK Hong
UCI: 123
Birth date: 06/17/2016
Watchlist: Test_F4


Lookout: 13
Gender: Male

Cam30 Cam30 Cam30 Cam31 Cam31

Adjudicate ID 2226051 Comments

	Time	Adjudicated	Forwarded	Resolved
 RK Hong	Jun 11 16:18:00	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Jun 11 15:33:06	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Jun 11	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Advanced search



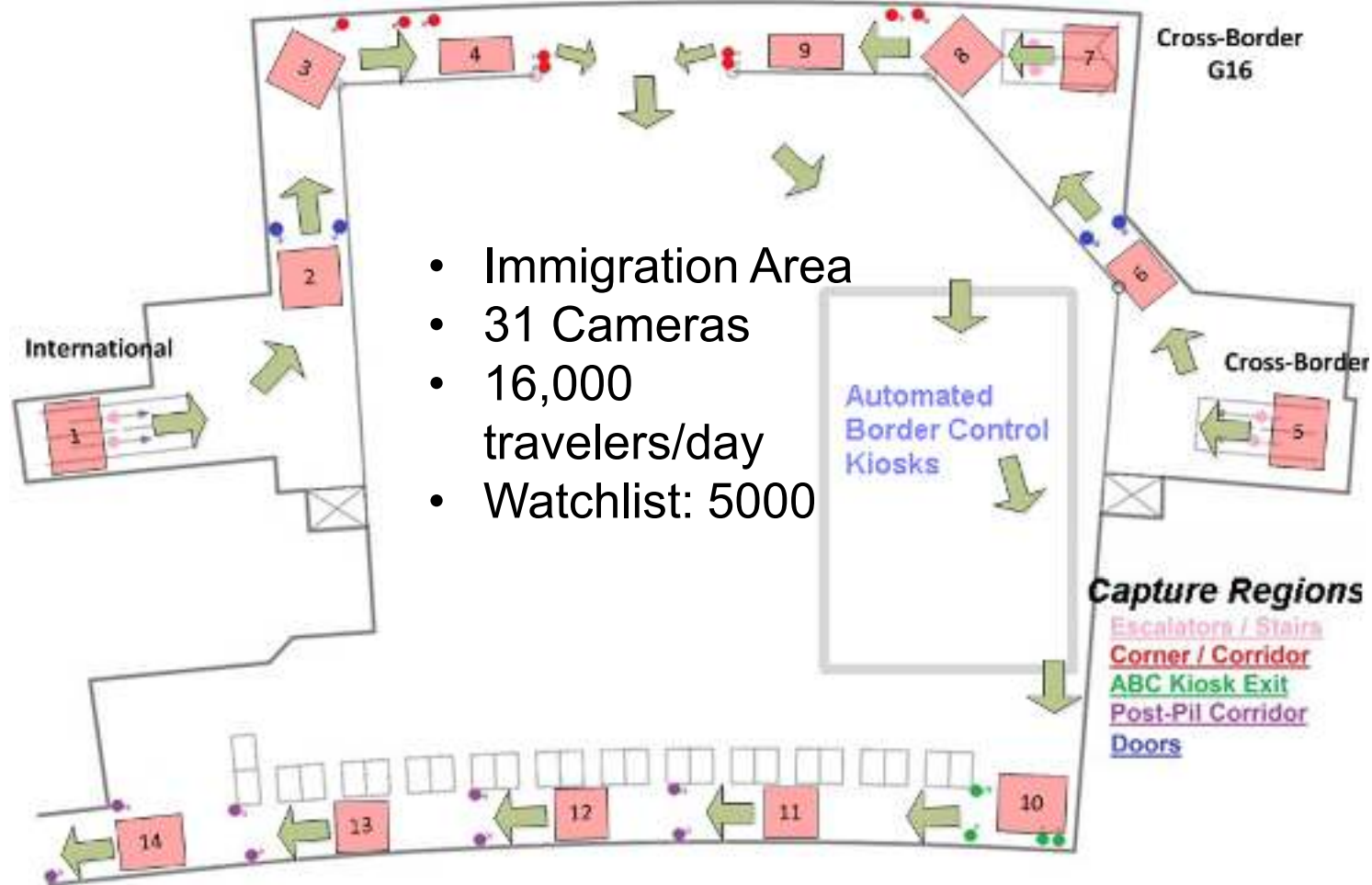
CBSA Faces on the Move



Canada Border Services Agency (CBSA)
Toronto Pearson Airport, Terminal 3



CBSA Faces on the Move



CBSA FoM Cameras: Escalator



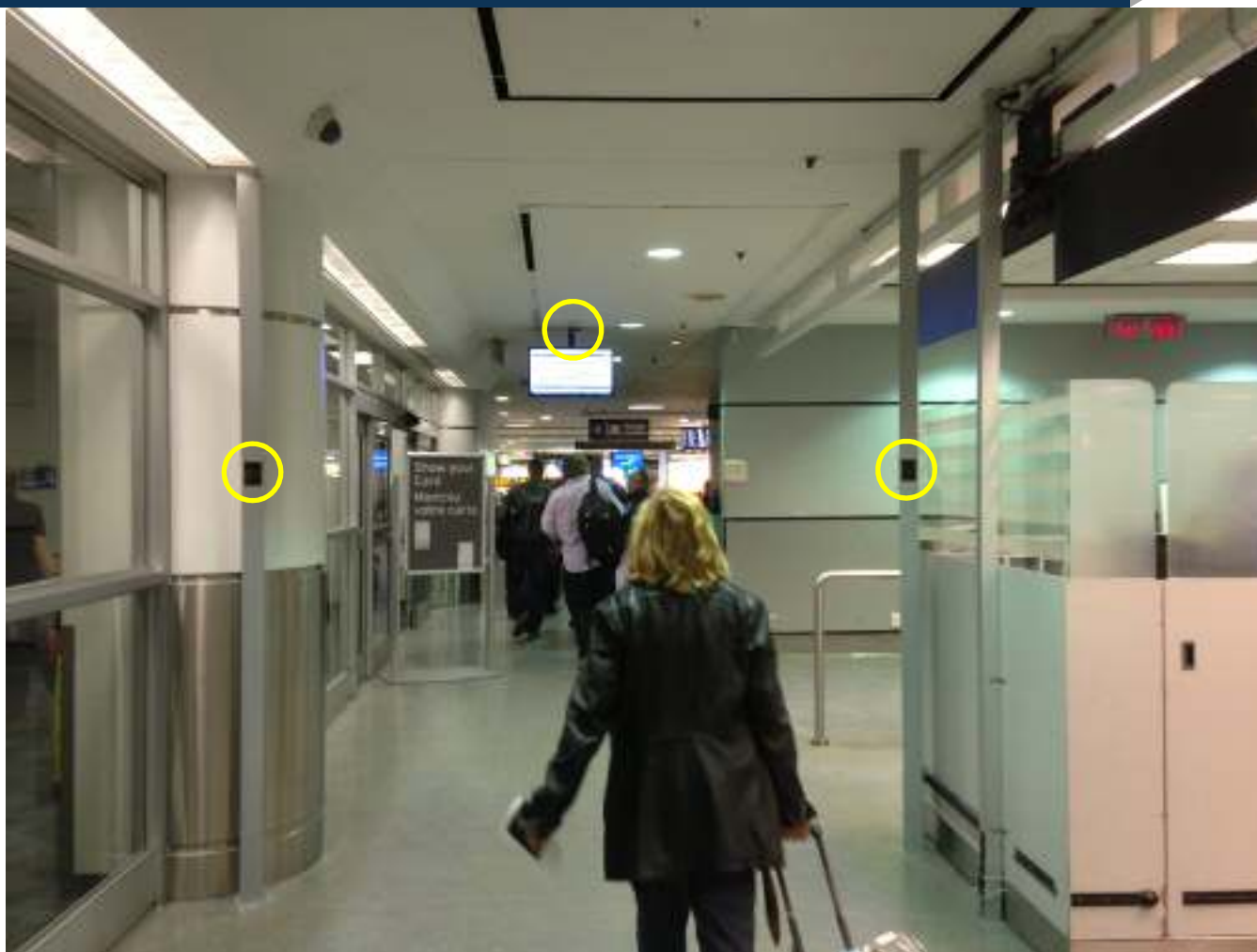
CBSA FoM Cameras: Doorway



CBSA FoM Cameras: Corridor



CBSA FoM Cameras: Egress



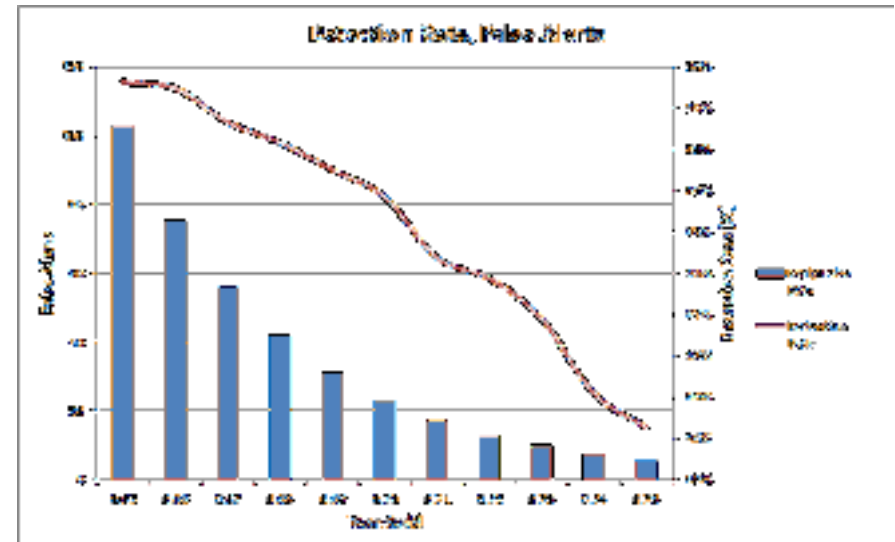
CBSA Faces on the Move



Performance

89% Detection Rate
65 test subjects
1200 walkthroughs

47 hits
Operational Watchlist of 5000
16,000 travelers per day



Traveler Flow:

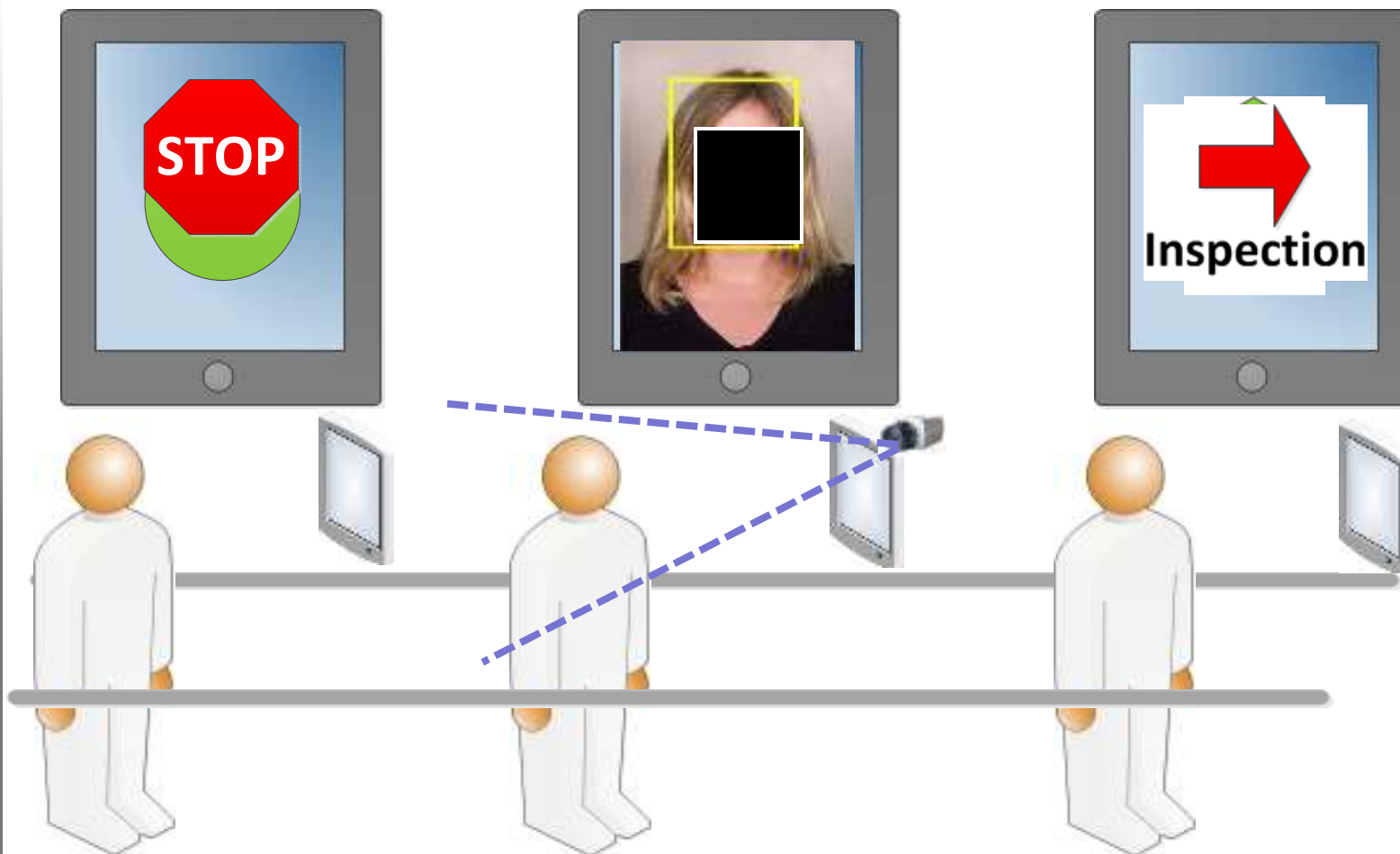
- Expect 100% Detection Rate:
 - Same technologies – cameras, capture, matching
 - Cooperative
 - Same day enrollment

CBSA Chain of Trust

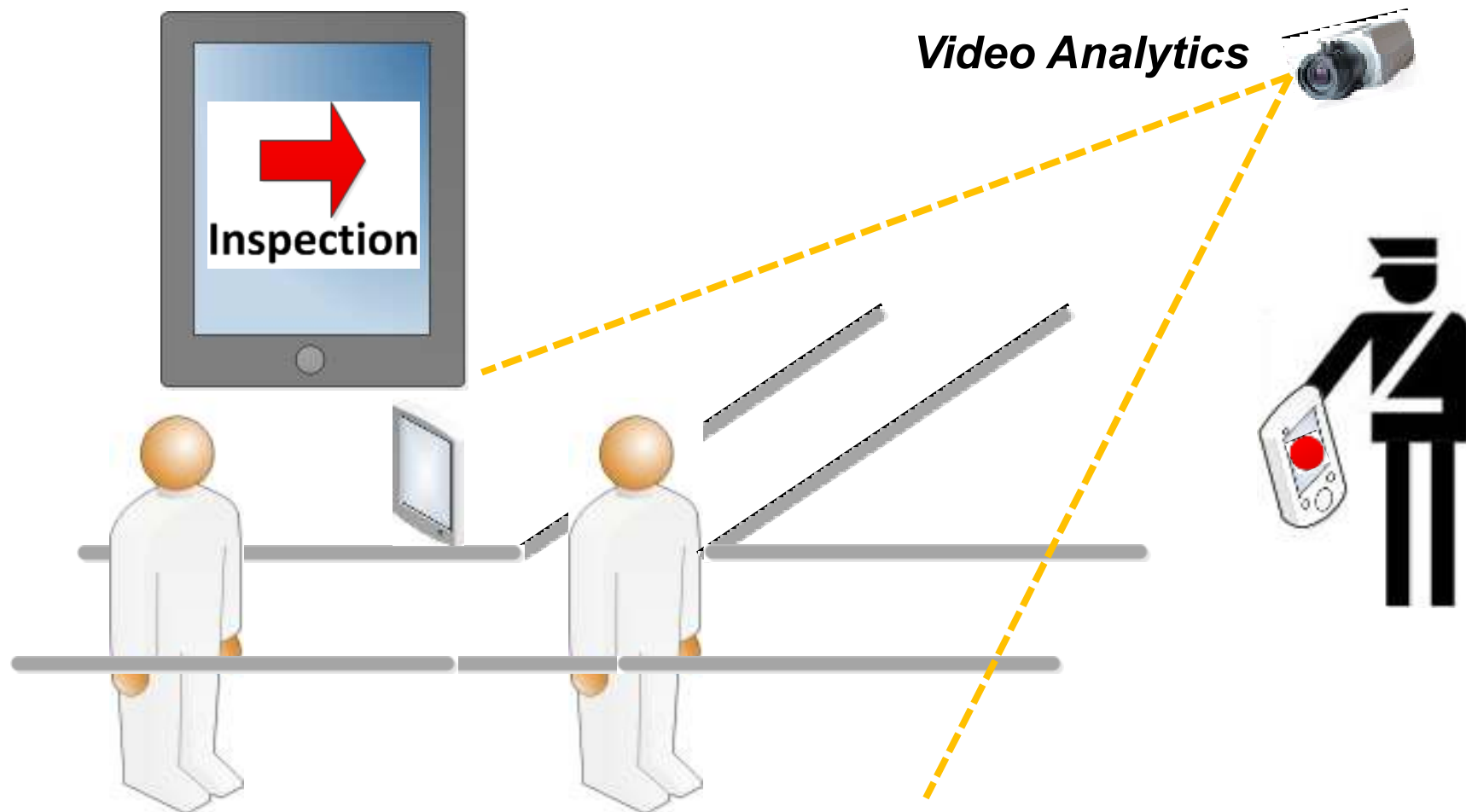


- Defining Canada's border of the future
- Objective:
 - Facilitate the flow of low risk travelers (98%)
- Complete admin tasks in advance:
 - Verify identify using ePassport (kiosk/mobile), declaration, application for Visa/ETA
- Risk assessment:
 - Public Safety, Customs, Immigration
- Identify individuals on watchlist
- Roving officer intervention as necessary
- Identify and direct traveler at egress points

Traveler Flow at Egress



Traveler Flow at Egress



Traveler Flow Applications



- Border Control: Entry and Exit
- Traveler flow through airport
- Anywhere that face is primary token and traveler verification or segmentation required



Further Information:

