

**Systems with Facial Recognition Technology  
Employed by the Immigration Department (“ImmD”)**

**1. Immigration Control System (“ICONS”)**

<b>Name of Supplier and Place of Registration</b>	<b>Technology involved and Function</b>	<b>Procurement Details (including price and quantity)</b>	<b>Control Points or Offices with System Installed and Quantity</b>	<b>Launch Date</b>	<b>Use</b>	<b>Data Policies</b>	<b>Minimum Grade of Personnel Operating the System</b>
NEC Hong Kong Limited  Place of Registration: Hong Kong	Provision of facial recognition technology for ICONS to verify passengers’ identities.	The contracts for ICONS involve four contractors with a total contract value of around \$1.5 billion, covering system	Details at Table to Annex 1	ICONS was launched in phases from 2016 and fully implemented from 2017.	To verify passengers’ identities in the following situations – (a) visitors using the self-service departure service (i.e. Smart Departure e-Channels) when departing from Hong Kong;	ImmD’s departmental guidelines and Personal Data (Privacy) Ordinance (“PDPO”)	Verification of passengers’ identities is done automatically by system.

Name of Supplier and Place of Registration	Technology involved and Function	Procurement Details (including price and quantity)	Control Points or Offices with System Installed and Quantity	Launch Date	Use	Data Policies	Minimum Grade of Personnel Operating the System
		development and subsequent maintenance for 10 years.			<ul style="list-style-type: none"> <li>(b) visitors going through arrival clearance at the arrival clearance counters, where the cameras installed thereat would take photos of them;</li> <li>(c) visitors using self-service enrolment kiosks to enroll e-Channel service; and</li> <li>(d) cross-boundary drivers who choose to use the vehicular e-Channels.</li> </ul>		

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ATAL Technologies Limited  Place of Registration: Hong Kong	Provision of facial recognition technology for the second-phase implementation of the vehicular e-Channels in vehicular kiosks for private car in the Shenzhen Bay Control Point to verify passengers' identities.	The total contract value was around \$17 million, covering the system development for the vehicular e-Channels in vehicular kiosks for private car and subsequent maintenance for 10 years.	Details at Table to Annex 1	19 August 2017	To verify the identities of cross-boundary drivers who choose to use the vehicular e-Channels.	ImmD's departmental guidelines and PDPO	Verification of passengers' identities is done automatically by system.

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<p>Atos Information Technology HK Limited</p> <p>Place of Registration: Hong Kong</p>	<p>Provision of facial recognition technology for ICONS in the Hong Kong-Zhuhai-Macao Bridge Hong Kong Port to verify passengers' identities.</p>	<p>The contracts for ICONS in Hong Kong-Zhuhai-Macao Bridge Hong Kong Port involve six contractors with a total contract value of around \$200 million, covering system development and subsequent</p>	<p>Details at Table to Annex 1</p>	<p>24 October 2018</p>	<p>To verify passengers' identities in the following situations:</p> <ul style="list-style-type: none"> <li>(a) visitors using the self-service departure service (i.e. Smart Departure e-Channels) to depart from Hong Kong;</li> <li>(b) visitors going through arrival clearance at the arrival clearance counters, where the cameras installed thereat would take photos of them;</li> </ul>	<p>ImmD's departmental guidelines and PDPO</p>	<p>Verification of passengers' identities is done automatically by system.</p>

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		maintenance for 10 years.			(c) visitors using self-service enrolment kiosks to enroll e-Channel service; and (d) cross-boundary drivers who choose to use the vehicular e-Channels.		

## 2. Next Generation Smart Identity Card System (“SMARTICS-2”)

Name of Supplier and Place of Registration	Technology involved and Function	Procurement Details (including price and quantity)	Control Points or Offices with System Installed and Quantity	Launch Date	Use	Data Policies	Minimum Grade of Personnel Operating the System
PCCW Solutions Limited  Place of Registration: Hong Kong	Provision of facial recognition technology for SMARTICS-2 to verify the identities of applicants upon application for and collection of their Hong Kong Identity Cards (HKICs).	The SMARTICS-2 contracts involve two contractors with a total contract value of around \$700 million, covering system development and subsequent maintenance for 10 years.	Details at Table to Annex 1	Cameras and facial recognition function at registration booths: 26 November 2018	To conduct facial verification for confirmation of the applicant’s identity when the applicant applies for the new HKIC.	ImmD’s departmental guidelines, Registration of Persons Ordinance, Registration of Persons Regulations and PDPO	Verification of applicants’ identities is done automatically by system
				Cameras and facial recognition at Self-Service	To conduct facial verification for confirmation of the applicant’s identity when the applicant collects his/her HKIC at Self-		

Name of Supplier and Place of Registration	Technology involved and Function	Procurement Details (including price and quantity)	Control Points or Offices with System Installed and Quantity	Launch Date	Use	Data Policies	Minimum Grade of Personnel Operating the System
				Collection Kiosks: 18 February 2019	Service Collection Kiosks.		

### 3. Next Generation Electronic Passport System (“e-Passport-2”)

Name of Supplier and Place of Registration	Technology involved and Function	Procurement Details (including price and quantity)	Control Points or Offices with System Installed and Quantity	Launch Date	Use	Data Policies	Minimum Grade of Personnel Operating the System
ATAL Technologies Limited  Place of Registration: Hong Kong  PCCW Solutions Limited  Place of Registration: Hong Kong	Provision of facial verification function for e-Passport-2.	The e-Passport-2 contracts involve three contractors with total contract value of around \$540 million, covering system development and subsequent maintenance for 10 years.	Details at Table to Annex 1	14 May 2019	When the applicant chooses to submit his/her photo (i.e. instead of using the live photo-taking service) at the Travel Document Submission Kiosks, the e-Passport-2 will verify the submitted photo against the applicant, so as to confirm that the submitted photo relates to the applicant.	ImmD’s departmental guidelines and PDPO	Verification of applicants’ identities is done automatically by system.



**Table to Annex 1**

**Systems at Control Points or Immigration Offices equipped with Facial Recognition Technology**

**1. Immigration Control System (“ICONS”)**

Control Points or Offices	Camera & Facial Recognition Software			
	e-Channels Equipped with “Smart Departure” service	Arrival Clearance Counters for Visitors	Vehicular e-Channels	Self-Service e-Channel Enrolment Kiosks
Airport	33	96	0	8
Lo Wu	82	70	0	0
Hung Hom	8	15	0	0
Lok Ma Chau	23	35	26	0
Lok Ma Chau Spur Line	53	36	0	0
Man Kam To	9	15	12	0
Sha Tau Kok	5	4	6	0
China Ferry Terminal	17	30	0	2
Macau Ferry Terminal	28	18	0	7
Tuen Mun Ferry Terminal	3	4	0	1
Shenzhen Bay	39	36	50	0
Kai Tak Cruise Terminal	7	15	0	0

Control Points or Offices	Camera & Facial Recognition Software			
	e-Channels Equipped with “Smart Departure” service	Arrival Clearance Counters for Visitors	Vehicular e-Channels	Self-Service e-Channel Enrolment Kiosks
Express Rail Link West Kowloon	29	66	0	0
Hong Kong-Zhuhai-Macao Bridge	40	55	30	2
Immigration Headquarters	0	0	0	2
<b>Total</b>	<b>376</b>	<b>495</b>	<b>124</b>	<b>22</b>

## 2. Next Generation Smart Identity Card System (“SMARTICS-2”)

<b>Office</b>	<b>Cameras at Registration Booths and Facial Recognition Software</b>	<b>Cameras at Self-Service Collection Kiosks and Facial Recognition Software</b>
Registration of Persons Offices	91	7
Smart Identity Card Replacement Centres	229	18
<b>Total</b>	<b>320</b>	<b>25</b>

### Remarks:

- Registration of Persons Offices – Hong Kong, Kowloon, Kwun Tong, Fo Tan and Yuen Long.
- Smart Identity Card Replacement Centres – Hong Kong Island, East Kowloon, West Kowloon, Tsuen Wan, Sha Tin, Sheung Shui, Tuen Mun, Yuen Long and Tseung Kwan O.

### 3. Next Generation Electronic Passport System (“e-Passport-2”)

<b>Office</b>	<b>Cameras at Travel Document Submission Kiosk</b>	<b>Facial Recognition Software at Travel Document Submission Kiosks</b>
Branch Office	25	25
Immigration Headquarters	8	8
<b>Total</b>	<b>33</b>	<b>33</b>

Remarks:

- Branch Offices - Hong Kong Island Travel Documents Issuing Office, East Kowloon Office, Fo Tan Office, Sha Tin Office, West Kowloon Office, Yuen Long Office and Tuen Mun Office.