



**BOON EDAM**

 *your entry experts*

Swinglane 900 Security Gate

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History of Boon Edam



1873; Establishment carpentry shop G. Boon, Amsterdam

1903; First wooden door manufactured



1971; Establish of security product line with first Tourlock:



2008; International Commerce Centre, Hong Kong, world's 1st intelligent elevator/turnstile system



2011 HKSAR Gov New HQ



2004; Royal

1978; Start building international distributor network

1985-2003; subsidiary companies

2001: Manufacturing subsidiary in China and sales and service office for Asia Pacific area

2003; 100 years revolving doors

2005: Acquired TOMSED Corporation in USA

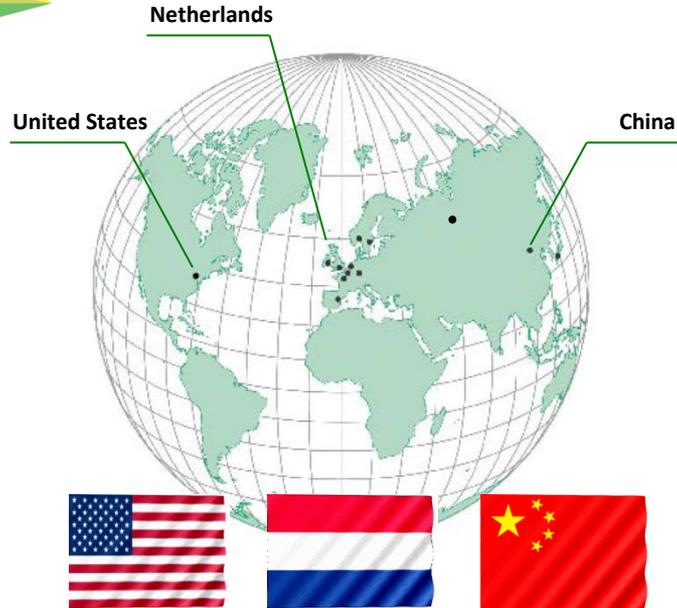


2015 A "fresh start" with Lifeline Series



1970; Move to Edam

Global Presence



3 major production bases

Royal Boon Edam International B.V.

- **Belgium** Boon Edam BVBA
- **Denmark** Boon Edam Denmark
- **France** Boon Edam S.A.S.
- **Germany** Boon Edam GmbH
- **Ireland** Boon Edam Ireland Ltd
- **Italy** Boon Edam Italia S.r.l.
- **The Netherlands** Boon Edam Nederland B.V.
- **Norway** Boon Edam AS
- **Russia** Boon Edam LLC
- **Spain** Boon Edam Spain S.L.
- **Sweden** Boon Edam Sweden AB
- **U.K.** Boon Edam Ltd.

- **U.S.A.** Boon Edam Inc.
- **Latin America** Boon Edam Inc.

- **China** Beijing Boon Edam Entrance Technology Co. Ltd.
- **Hong Kong** Boon Edam Hong Kong Ltd.
- **India** Boon Edam Entrance Technology (India)
- **Middle East** Boon Edam Middle East FZE
- **S.E. Asia** Boon Edam South East Asia Sdn. Bhd.

- **Distributors** Boon Edam Global Export

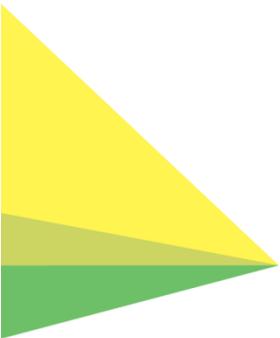
20 subsidiaries

Our clients

As a global supplier, our clients include many top companies around the world.



STATE STREET



Job Reference (Hong Kong Branch)

Year	Projects	Location	Product
2016	Gateway TS	HK	Speedlane 300 x 3
2016	Hutchison Data Center (Kwai Chung)	HK	Circlelock x 1
2016	Hutchison Data Center (Wong Chuk Hang)	HK	Circlelock x 1
2016	One Harbour Gate (Wheelock Properties)	HK	Swinglane C920 x 10
2016	Renovation of British Consulate	HK	Circlelock x 1
2016	Disneyland – Costuming Services Building	HK	Trilock x 4
2016	UBS Data Center	HK	Circlelock x 1
2016	Hong Kong Electric Tower	HK	Swinglane C920 x 4 Swinglane 900H x 2
2015	Hong Kong Jockey Club Headquarters Basement	HK	Swinglane 900H x 3
2015	HSBC Main Building Security Turnstile	HK	Swinglane 900H x 15 Speedlane 900H x 3 Speedlane 300 x 2 Trilock 900 x 2
2015	Tamar Government HQ extension	HK	Swinglane 900 x 4
2015	Hong Kong Science Park Phase 3C	HK	Swinglane 900 x 6
2014	Hong Kong Jockey Club Headquarters Data Center	HK	Circlelock x 1
2014	Hong Kong Jockey Club Headquarters Lobby	HK	Swinglane 900 x 5
2014	The Hong Kong Jockey Club Shatin Communications and Technology Centre	HK	Speedlane 900 x 19
2014	IWS Promotion Ltd, TKO Industrial Estate	HK	Trilock 900 x 4
2014	Renovation of British Consulate	HK	Circlelock x2
2014	Renovation of HK International Airport	HK	Tourlock x1
2013	Fire Services Department Headquarters	HK	Swinglane 900 x 3

Projects	Location	Product
2013	Global Network Data Center (China Mobile) HK	Speedlane 900H x4 Circlelock x 1 Turnlock 100 x 2
2013	Hong Kong Science Park Phase 3A	HK Swinglane 900 x 11
2013	Cathay Pacific Cargo Terminal	HK TAP50 x 2
2012	Civil Aviation Department New Headquarters	HK Speedlane 900 x6, Speedlane 300 x4, Winglock 900 x1
2012	Tamar New Government Headquarters	HK Swinglane 900 x47
2010	Hong Kong International Commerce Centre	HK Swinglane 900 x36
2012	New Media Headquarters	HK Swinglane x 3
2012	PCCW Data Center Fo Tan	HK Circlelock x1
2012	Net-a-Porter Logistic Center	HK Speedlane 900 x2
2012	Wynn Casino Macau	Macau Winglock 900 x2
2012	Hong Kong Disneyland	HK Trilock 60 x 6
2011	HK Science Park Phase 2 (Green 18)	HK Swinglane 900 x3
2011	Hutchison Date Center (JP Morgan Chase)	HK Circlelock x1
2010	COL New Data Centre	HK TAP 50 x1
2010	Renovation of HK International Airport	HK Tourlock x6
2012	HSBC Headquarter Improvement works	HK Winglock 900 x3
2010	Credit Suisse Data Centre	HK Circlelock x1 Speedlane 900 x2
2010	ING Asia Pacific Regional Office	HK Speedlane 300 x2
2010	Pacifica (Residence)	HK Speedlane 300 x8

Swinglane

Detector Innovation Award 2005



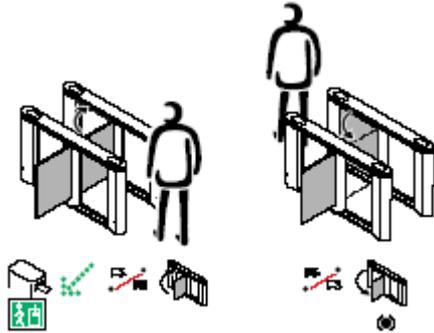
- Award-winning design
- Aesthetic, user friendly & inviting security entrance
- Bi-directional secured passage
- Very slim cabinets, allowing single or multiple lane setup even in a narrow corridor
- High capacity throughput, 25-30 ppl/min
- High performance Anti-Tailgating Detection
- Over 500 projects installed worldwide

Swinglane

- Fast bi-directional swing doors, door height 1-1.8m
- Double-swing doors for wheelchair access available
- Clear LED indicators for traffic and authentication
- 12 pairs of optical sensors for optimal tailgating and safety detection
- Programmable “Security priority” or “Safety priority” modes
- Stylish design, with stainless steel #304 grain 240s finish, 8mm clear tempered glass construction
- Low energy consumption
- CE approved

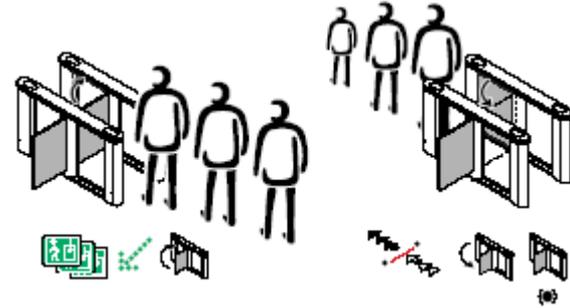


Operation principle



Single authorisation (Normally-closed)

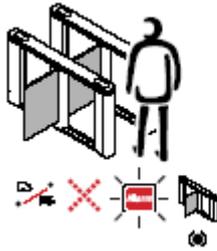
- Normally closed (default) or normally open
- Door wing swings open away from the user
- Authorization through card reader/ control panel/ etc.
- Door swing closes after the user passes through
- If no-one passes, the door wing closes after a preset time and authorization is lost



Multiple authorisations

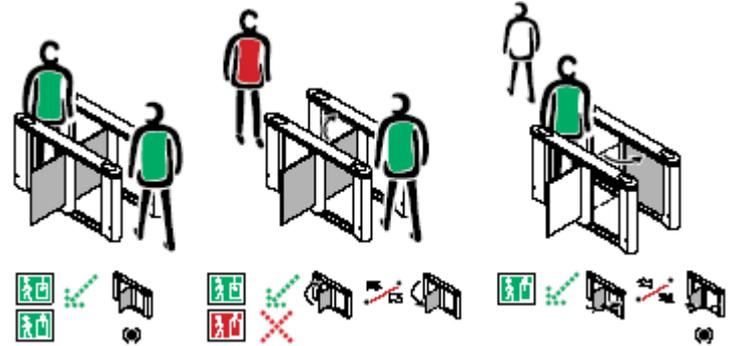
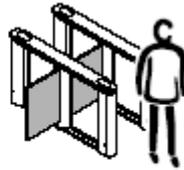
- Multi-authorizations kept in memory for un-interruptive entry
- Door keeps open until the last user passes

Operation principle



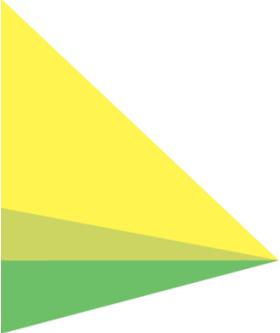
Unauthorised user Tailgating user

- Door closes immediately to effectively stop unauthorized user (configurable as security-priority mode)
- Visual and optional audible alarm to user



Opposite side Tailgating

- Avoid unauthorized user to run through the gate when the opposite side is authorized (door is open)
- Multi-users should pass through the gate in authorization order



Safety features

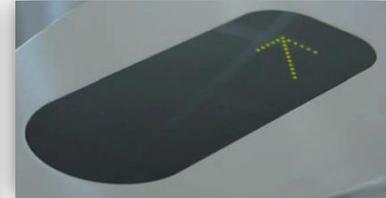
- **Fail-safe**: when power supply fails, the door wing(s) can be manually operated.
- **Alarm**: Visual alarm (flashing lights) and optional audible alarm (buzzers) to unauthorized person when door is closing
- **Door wing safety: anti-clamp protection** between door wing and unit. On detection, stop and slowly reverse to closed position
- **Door wing safety: anti-block protection** from door. On detection of obstruction, stop and slowly reverse to open position
- **Adjustable door wing speed** according to users' favourite
- **Safety-priority mode**: Door wing never close on optical detection of human/object
- **Fire alarm** (potential free) contact, for opening towards non-secured side in alarm situation

Card reader & Indicators

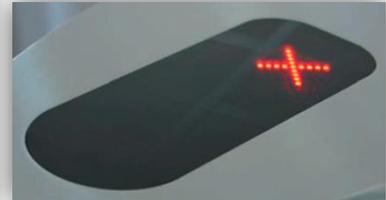
Card reader mounted under surface



Traffic control: Available for access

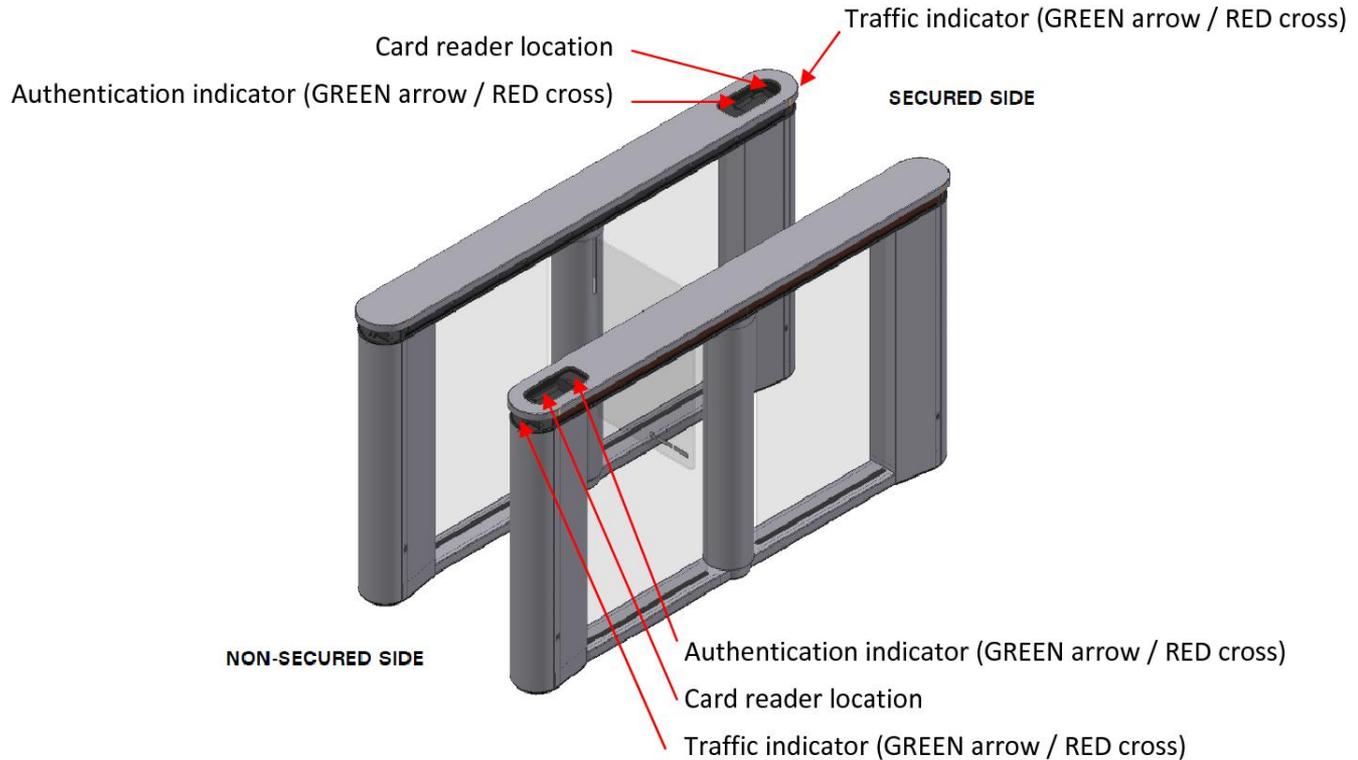


Access granted

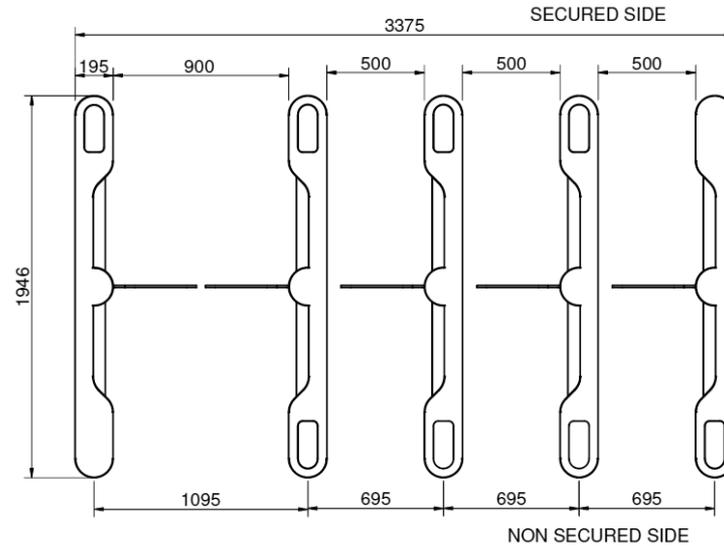
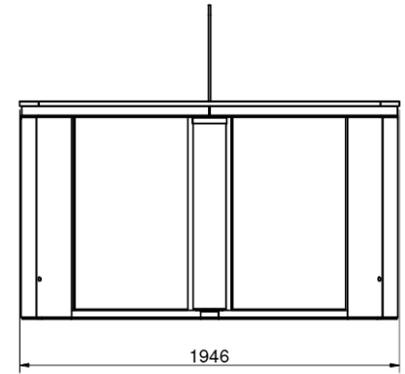
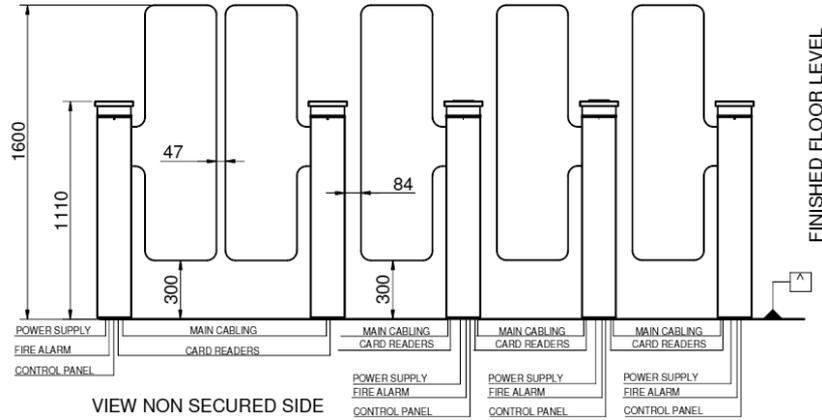


Access denied

Card reader & Indicators



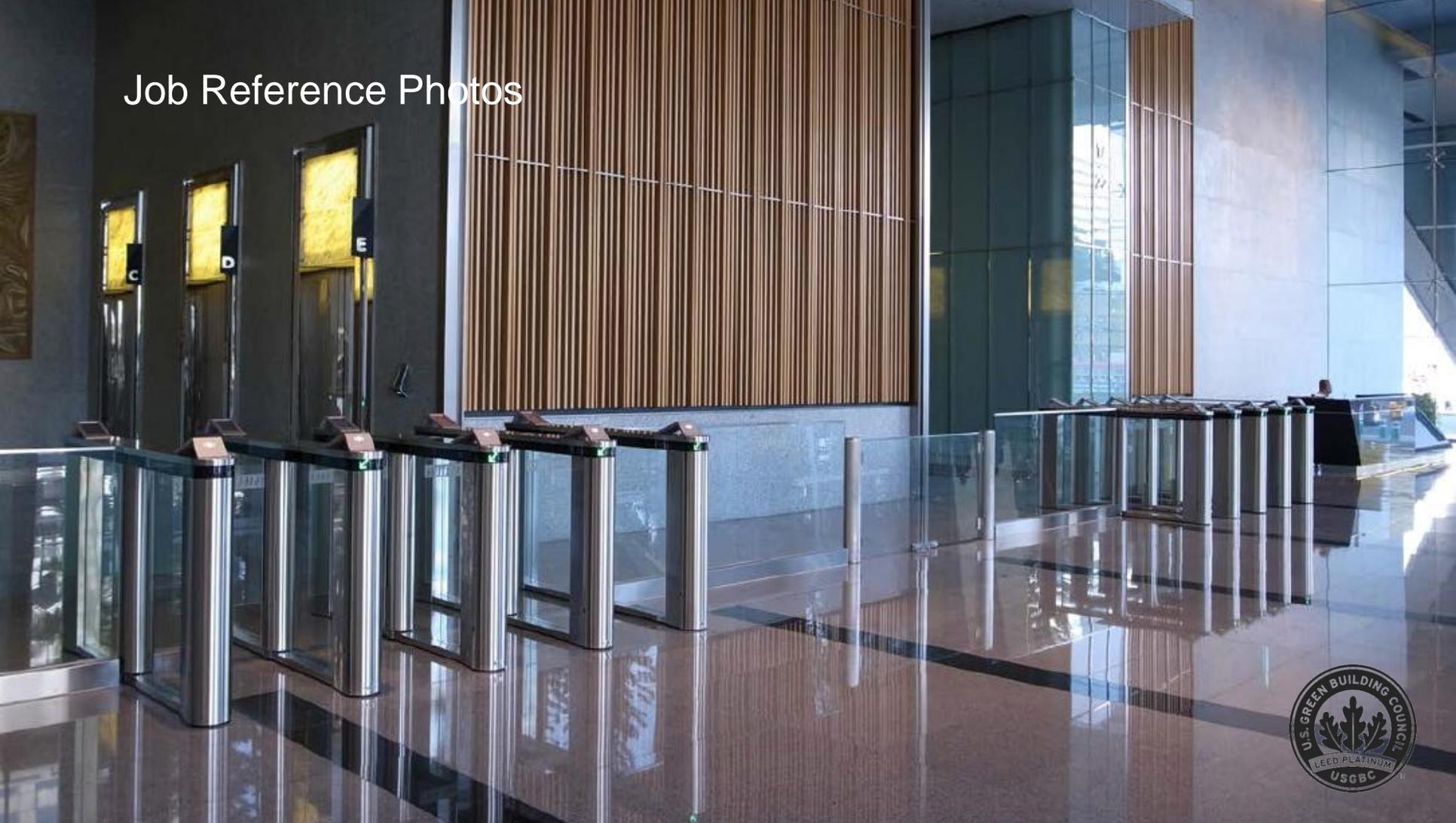
Layout



FOR INFORMATION

DRAWINGNUMBER SW900H (wide)		REV. -	SHEET 11	DIMENSION INFO GLASS 1600MM	
DOORNUMBER		PROJECTNUMBER		 © BOON EDAM WWW.BOODNEDAM.COM	
REV. BY					
DESCR.				FORMAT A3	
DRAWN JKA		14-1-2014		UNITS mm	
CHECKED				SCALE	
STATUS Released					

Job Reference Photos



Job Reference Photos



International Commerce Centre, Hong Kong

World's first Lift-Turnstile interactive system. Architect: KPF



HSBC Main Building, Hong Kong 2015 Renovation



Tamar HKSAR Government HQ, Hong Kong

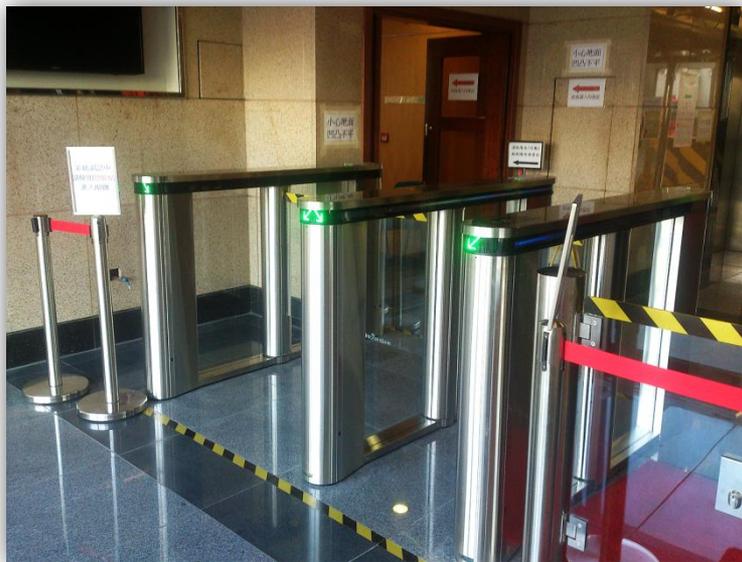
Architect: Rocco Design. Security Consultant: Kroll Security



Hong Kong Science Park Phase 3



HK Fire Services Department



New Media Headquarters, HK



Shanghai International Finance Center

By Sun Hung Kai Properties. HSBC Head Office



Parkview Green Fangcaodi, Beijing

Beijing's newest LEED Platinum awarded office



Tencent Headquarters, Shenzhen

