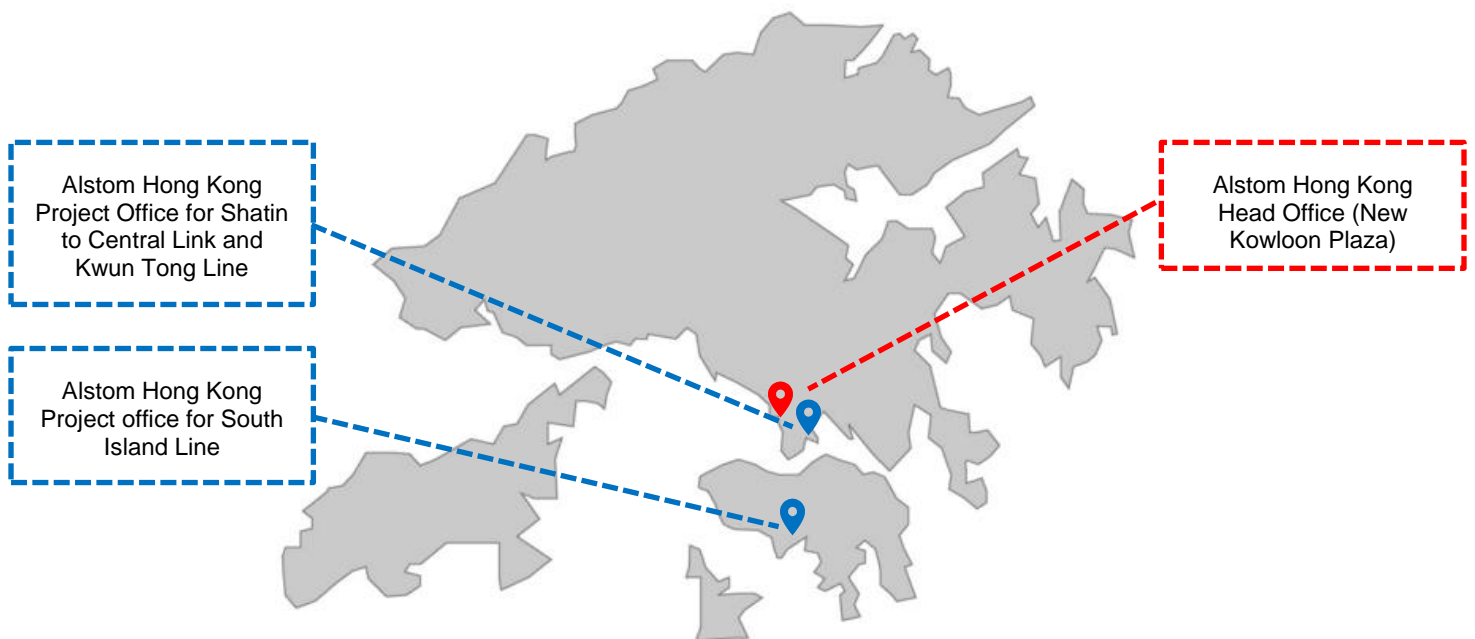


## Alstom in Hong Kong



### Alstom's Presence



#### Key Data:

- Alstom has been in Hong Kong for almost 40 years. It is a major supplier of rolling stocks, signalling system, services and more recently of infrastructure to Hong Kong metro lines.
- Since the first metro project in Hong Kong in 1975, Alstom has supplied more than 1100 metro cars and has equipped six lines with advanced signalling systems currently in operation.
- On the new South Island Line (East), Alstom is presently supplying its latest Communication-Based Train Control (CBTC) system. This new line will be the very first line in Hong Kong to operate unmanned driverless trains.
- More recently Alstom is involved in the massive resignaling project of seven metro lines (DUAT project) that has started early 2015 and will continue over a period of 10 years.
- Alstom currently has 3 offices in Hong Kong and many ongoing projects on signalling, infrastructure and traction.
- At the moment (2016), Alstom has around 200 employees in Hong Kong.

## Alstom in Hong Kong

### History

- 1976:** From 1976 to 1992, Alstom provided 759 metro cars to MTRC urban railway lines in Hong Kong.
- 1978:** Creation of Alstom Hong Kong Ltd. (known as Metro Cammell Hong Kong Ltd at the time).
- 1979:** From 1979 to 1989, Alstom provided 354 metro cars to KCRC East Rail project in Hong Kong.
- 1994:** Award of contract for Automatic Train Control (ATC) replacement and Lantau Airport Railway (LAR) signaling (completed in 1998).
- 1994:** Award of ATP project (with the introduction of the TBL ATP + SSI project) for the East Rail.
- 1995:** Award of KCRC East Rail Renovation project for 348 metro cars (completed in 1999)
- 1998:** Award of contract for Electronic Information Display System (completed in 2001).
- 1999:** Award of contract for East Rail signaling system maintenance (completed in 2005).
- 1999, 2002:** Award of contract for SACEM signaling system maintenance (completed in 2002 2005 respectively).
- 2001:** Award of contract for Lantau Airport Railway (LAR) signaling phase 2 (completed in 2004).
- 2001:** Award of signaling contract for East Rail extensions (completed in 2007).
- 2002:** Award of contract for YAM-O station signaling (completed in 2006).
- 2005:** Award of contract for supplying skirting for 29 trains for MTR (completed in 2011).
- 2005:** Award of contract for KCRC underframe repair works (completed in 2007).
- 2007:** Award of contract for M3T3 structural upgrading of car bodies (completed in 2012).
- 2007:** Award of East Rail Hung Hom Remodelling Project (completed in 2009).
- 2009:** Award of contract for interfaces with automatic platform gates and on board equipment (completed in 2015).
- 2010:** Award of signaling contracts for the Kwun Tong Line Extension.
- 2010:** Award of signaling contract for the West Island Line.
- 2011:** Award of the South Island Line signaling project in Hong Kong, the first unmanned driverless metro line with CBTC system in Hong Kong.
- 2012:** Award of track work and overhead line system for the South Island Line and Kwun Tong Line Extension.
- 2012:** Award of EAL Signaling System Modification for Shatin to Central Link.
- 2013:** Award of infrastructure contract for the Shatin to Central Link – phase I.
- 2015:** Award of DUAT contract in Hong Kong, consisting in the revamping of the signaling systems of 7 existing lines (in partnership with Thales).

## Alstom in Hong Kong

### Partnerships

Through its strong presence in Hong Kong, Alstom has built trustful relationship with its customer, MTR. In addition, at project level, Alstom recently formed a consortium together with Thales for the DUAT project, which revamps the signalling systems for 7 existing metro lines.

### Awards and Certification

Alstom Hong Kong is part of Alstom global certifications, such as ISO-9001. It participates actively into the periodic audit of these international certifications. In addition, Alstom has gained awards from our customer, MTR, for its excellent performance on safety. In November 2015, Alstom Hong Kong was awarded the Lowest Reportable Accident Frequency Rate awards by customer, MTR, to recognize safety performance of South Island Line and Kwun Tong Line Extension infrastructure projects.

### References and Ongoing Projects

Alstom is a major player on signalling, infrastructure, rolling stock and services for metro lines in Hong Kong. Its major reference projects include:

#### Signaling

- ATC replacement for TWL/ISL/KTL of the MTR urban lines(1994 – 1998)
- LAR signalling phase one and phase two (1994 – 1998, 2001 - 2004)
- Electronic Information Display System (1998 – 2001)
- SACEM signalling system maintenance (1999 – 2005)
- YAM – O station signalling (2002 - 2006)
- East Rail extensions (2001 – 2007)
- East Rail signalling system maintenance (1999 – 2005)
- Interfaces with automatic platform gates and on board equipment (2009 – 2015)
- Signaling system for West Island Line and Kwun Tong Line Extension (2010 – present)
- Signalling system for South Island Line, the first unmanned driverless metro line in Hong Kong (2011 – present)
- EAL Signaling System Modification for SCL (2012-present)
- DUAT project for revamping the signaling systems for 7 existing lines (2015-2025 )

#### Rolling Stock

- Hong Kong 759 metro cars to MTRC urban railway lines (1976 – 1992)
- Hong Kong 354 metro cars to KCRC East Rail project (1979 – 1989)
- Hong Kong Traction, Auxiliaries and TCMS system for 30 trains on South Island Line in Hong Kong (2011 – present)

#### Infrastructure

- Hong Kong track work and overhead line system for the South Island Line and Kwun Tong Line Extension (2012 – present)

## Alstom in Hong Kong

- Hong Kong track work and overhead line system for ShaTin to Central - Phase I (2013 – present)

### Services

- Hong Kong KCRC East Rail Renovation project for 348 metro cars (1995 – 1999)
- MTR – skirting for 29 trains (2005 – 2011)
- MTR – M3T3 structural upgrading of car bodies (2007 – 2012)

## Contact Information

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**The contact below is exclusive for the use of the press. Non-press related requests will be disregarded.**

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