



The 28-km line in the Thailand capital will link Suvarnabhumi Airport with the Phaya Thai station. The Airport Link will offer its passengers not only fast and reliable transit but also an extremely attractive and ecologically-friendly alternative to the car.

Siemens is one of the consortium members and responsible for: train control and signaling system, telecommunication, automatic fare collection, railway E&M systems (platform screen doors and tunnel equipment), power supply systems (traction and station power supply and overhead contact line), trackwork, depot and workshop equipment, baggage handling, check-in facilities, and the rolling stock.

Project data

Client	State Railway of Thailand
Consortial partner	Airport Rail Link Consortium (ARLC) B.Grimm International Limited Siemens Aktiengesellschaft Siemens Limited B.Grimm MBM Hong Kong Limited Sino-Thai Engineering & Construction Public Company Ltd (Part I: Civil, Architectural and Building Services)
Track length	28 km, double-track
Number of stations	8
Number of trains	9 (3- and 4-car units)
Maximum speed	160 km/h
Headway	15 minutes
Traction power supply	25 kV AC, 50 Hz
Date of completion	2009

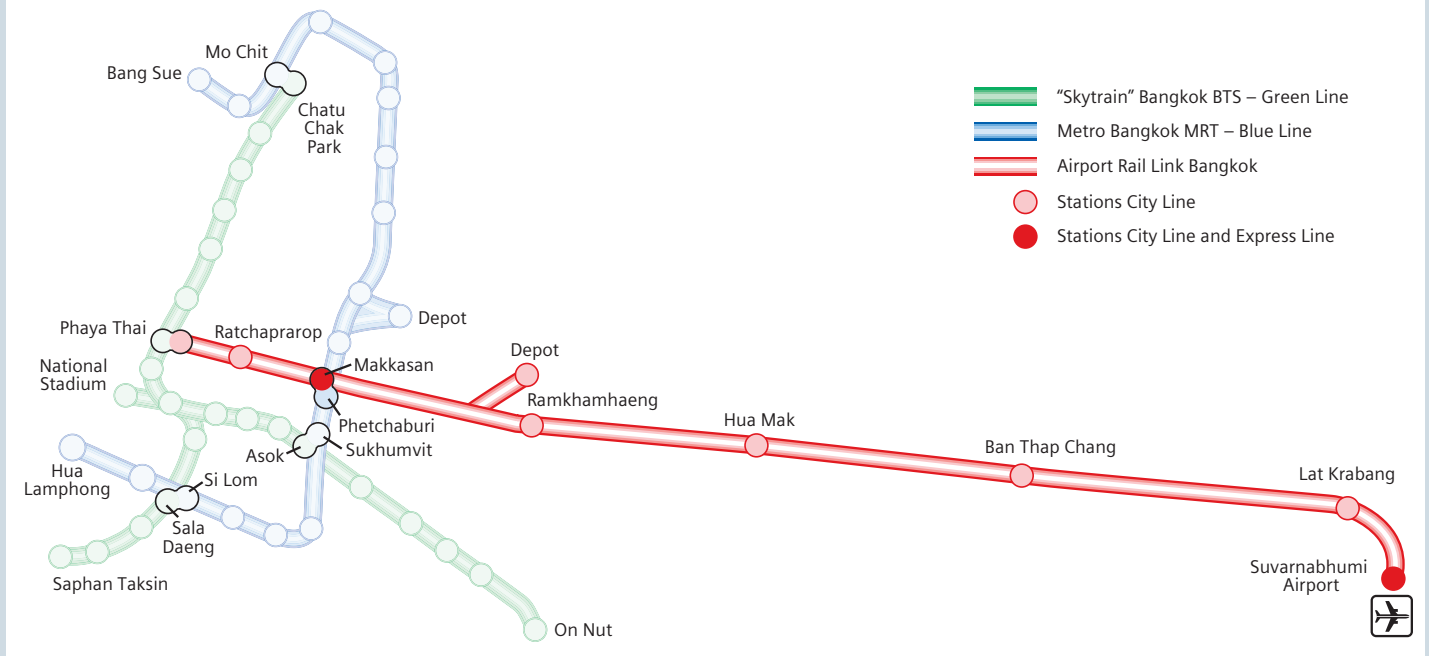
Airport Link Bangkok

Airport Rail Link System in Thailand

Project Information / June 2009

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Express Line and City Line

Most of the line is elevated, with just under one kilometer underground. On the 25.7 kilometer route, the Suvarnabhumi Airport Express connects the Suvarnabhumi airport to the city without any stops in between.

The Suvarnabhumi Airport City Line, which runs on the same tracks, is 28.5 kilometers long and extends further into the inner city. It has six scheduled stops and ends at Phaya Thai Station, where passengers can transfer to the Bangkok Skytrain.

Test run successful

On January 17, 2009, both the traction substation and the 25 kV overhead contact line for approx. 80 % of the line were switched on successfully within just a single day. One day later, on January 18, 2009, the Siemens trains that had been delivered a year before completed their first test runs. These test runs were carried out over a distance of 25 km, from the Depot to Suvarnabhumi Station directly at the airport. After starting at a slow speed and then gradually accelerating in stages, the train was able to reach its maximum speed of 160 km/h on one section of the line on the very same day.

Completion

The Airport Rail Link is scheduled for completion end of 2009.

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