MOVING THAILAND FOR 20 YEARS
There is a stronger demand now more than ever to deliver reliable, high-capacity mobility to better connect people to transport hubs, commercial districts and city centres to support urban and regional growth. Bombardier has a strong track record in delivering mainline and mass transit rail technology to its valued customers to improve transportation in Thailand.
Bombardier is one of the few rail transportation companies to support the economic development of Thailand in a true sense by delivering projects from Thailand for Thailand. Bangkok is also a hub for Bombardier’s Asia Pacific business and employs over 520 highly skilled engineers and employees, delivering projects in Thailand, the region and globally.
INNOVATIVE MOBILITY SOLUTIONS

Significant investments are being made to improve Thailand’s infrastructure which includes expanding Bangkok’s mass transit system rapidly to meet the pace of growing demand. As one of the world’s rapidly growing megacities, Bangkok is facing the challenge of increasing traffic congestion for commuters and tourists, leading the government to increase the use of public transport.

With Thailand’s rail transport sector expanding over the next decade, Bombardier’s innovative and efficient mobility solutions will contribute to the physical and social transformation in a megacity like Bangkok, providing:

• **Increased safety** and **reliability**
• **Better connectivity** and **increased frequency**
• **Latest generation** fleet for efficiency
Bombardier has a long and strong relationship with the State Railway of Thailand (SRT) and the key mass transit stakeholders, including for the Bangkok Skytrain (BTS).

- **BOMBARDIER** INNOVIA Automated People Mover (APM) 300 cars, BOMBARDIER CITYFLO 650 rail control and system integration for the first phase of new Bangkok Gold Line

- **INNOVIA** 300 Monorail system with CITYFLO 650 Communications-Based Train Control (CBTC) chosen for Thailand’s first Monorail Lines

- CITYFLO 650 CBTC solution for Bangkok’s new 23 km MRT Chalong Ratchadham (Purple) Line

- Electrical and mechanical elements and system integration for latest BTS Skytrain Sukhumvit (Green) Line Extensions

- Resignalling of operational BTS Skytrain system and extensions with CITYFLO 450 CBTC solution since 2007

- BOMBARDIER MITRAC propulsion and control equipment for 17 trains for the Skytrain

- Supply of BOMBARDIER INTERFLO 200 solutions including BOMBARDIER EBI Lock 950 Computer-Based Interlocking (CBI) systems on four mainline routes into Bangkok

- One of the first successful electronic interlockings to be implemented in the region at Hua Mak station in 1998

**OVER 20 YEARS**

INVESTING IN THAILAND AND DELIVERING MAINLINE AND MASS TRANSIT SOLUTIONS
Providing sustainable Solutions

In addition to Bangkok, provincial cities such as Chiang Mai, Khon Khaen and Phuket are looking at ways to introduce more sustainable urban transportation systems. Bombardier’s environmentally optimised and broad product portfolio offers complete solutions for such cities, from trams to monorail to metro, as improving public transit becomes a major priority across the country.

Delivering Service and Performance

Operators are increasingly looking for the highest level of service and performance and Bombardier’s latest technology is providing just that. For instance, our BOMBARDIER\(^*\) OPTIFLO\(^*\) rail control service solutions provide a tailor-made approach to combining data, analytics and even predictive maintenance to safeguard investments and maximise performance.

Leading the Way in Digitalisation

In line with Thailand’s focus on developing Smart Cities to stimulate a fast-developing economy, the rail sector is undergoing a digital transformation. Digitalisation has been a key part of Bombardier’s DNA for years and we are working with entrepreneurs to ensure we create the data-driven, connected and mobile transportation solutions of the future.

MOVING UP TO 900,000 PASSENGERS PER DAY ACROSS BANGKOK
With Thailand a major economic zone in ASEAN, investments are underway, including to expand the rail network. Engineering skills are in high demand and Bombardier is committed to developing local training and education. The Bangkok site was established as the first Regional Centre for Signalling in Asia in 2007 and the local engineering team has now delivered solutions for projects globally from South America to Australia.

In 2017, a state-of-the-art CITYFLO CBTC Test Centre is opening for projects across the Region. Additionally, Bombardier is developing rail engineering education with Kasetsart University, Navamindradhiraj University’s Urban Community College of Bangkok and Mahidol University, and in 2016, helped found the Institution of Railway Signalling Engineers Thailand.

Bombardier is committed to continue as a leading supplier of solutions across the value chain to optimise the flow of trains and passengers across Bangkok and Thailand.