

As the **leading rail technology company** in Thailand, the Alstom Group employs **almost 900 highly-skilled employees** and delivers multiple mobility projects across and beyond Asia Pacific. Its Bangkok hub is also base to one of the three **global engineering centres in Asia Pacific**, serving both the local and global markets in urban and mainline engineering. A **pioneer in bringing innovative mobility solutions to Thailand**, Alstom's portfolio includes Bangkok's first driverless monorail systems and automated people movers (APM), advanced signalling for six urban mass transit lines and sections of the mainline network. The team has also developed a strong expertise on turnkey business, contributing to many projects in the world.



KEY FIGURES

~900 highly-skilled employees

88% Thai workforce

>40 years in Thailand

>100 projects worldwide delivered, engineered and supported

#1 rail technology leader in Thailand



GLOBAL ENGINEERING CENTRE

- Global engineering centre in Asia Pacific for digital signalling and turnkey systems
- Over 600 engineers; expertise exported globally



INTEGRATED SYSTEMS

- Supplying 42 four-car and 30 four-car driverless Innovia monorail trains for Bangkok Pink and Yellow Lines
- Wayside systems for Bangkok Skytrain extensions and Gold Line



ROLLING STOCK

- Design and project management of 3 two-car Innovia APM trains for Bangkok Gold Line
- 113 diesel locomotives to State Railway of Thailand



SIGNALLING

- Cityflo signalling supplier for Bangkok Skytrain (Green), Purple, Gold, Pink and Yellow Lines
- Interflo 200 mainline rail control for State Railway of Thailand ST2 and 3
- Delivering Interflo 250 ERTMS mainline rail control for State Railway of Thailand ST8



INFRASTRUCTURE

- Track works for Bangkok Blue Line and Skytrain Green Line extensions



SERVICES

- 10-year contract for Cityflo 650 signalling on Bangkok Purple Line
- 20-year contract for Bangkok Pink and Yellow Lines (monorails, switches, depot equipment)

MAIN REFERENCES

Delivering the most iconic projects in Thailand to boost connectivity and sustainability

Pioneering monorails for Thailand

- Awarded two orders to supply turnkey systems for Bangkok's first monorail lines
- 42 four-car and 30 four-car driverless Innovia monorail trains for Pink and Yellow Lines
- Wayside sub-systems: power supply, communications, SCADA, switches, passenger screen doors, depot equipment and Cityflo 650 rail control
- System integration, signalling design, wayside system delivery and project management
- 20-year services for vehicles, track switches and monorail specific depot equipment



First automated mass transit in Bangkok

- 2017: Awarded orders for 3 two-car Innovia APM 300 trains and wayside systems including Cityflo 650 rail control for Bangkok Gold Line
- December 2020: Phase one opened

Advanced signalling and wayside for Skytrain

- 2007-2013: Signalling upgrade of total system (Green Lines) with Cityflo 450 rail control
- 2013-2016: Three extensions equipped
- 2016-2020: Two extensions equipped with wayside systems including Cityflo 450
- Total equipped: 68 kilometres comprising 59 stations

GLOBAL ENGINEERING DELIVERY CENTRE IN BANGKOK

Specialising in rail signalling and system integration for mobility projects worldwide



- Supporting close to 70% of worldwide engineering workload for Cityflo solutions
- Asia Pacific's leading design unit for Interflo projects
- Delivering over 40 mobility projects in and beyond Asia Pacific in last 10 years
- Cityflo 650 signalling for Melbourne Metro (Australia), Agra Kanpur (India), Bukit Panjang LRT (Singapore), Klang Valley MRT Line 2 (Malaysia) and Frankfurt Airport system (Germany)
- System integration for Cairo's monorail lines (6th of October City and New Capital City) Egypt
- Signalling upgrade for Manila MRT-3 (Philippines)
- Interflo ERTMS mainline signalling for Taiwan network and services
- Mining solutions for BHP (Australia) and Grasberg Block Cave (Indonesia)

FOR MORE INFORMATION:

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