

New & Improved Features of the Bukit Panjang LRT (BPLRT) System

- 1) New Communications-Based Train Control System (CBTC) Signalling System**
 - Better reliability and robustness, with more system redundancy
 - Improved ride quality with better speed control
 - More condition monitoring features

- 2) New & Improved Light Rail Vehicles (LRVs)**
 - Better reliability with the replacement of 19 first-generation BPLRT LRVs in service since 1999 with new vehicles, and upgrading of 13 BPLRT LRVs in service since 2015
 - More comfortable rides with better air-conditioning performance
 - Cost savings with eco-friendly LED lights
 - Better maintainability with a more efficient Alternating Current (AC) propulsion motor
 - Better condition monitoring through Train Control Management System

- 3) New Power Rails System**
 - More robust power rail brackets
 - Better condition monitoring for detection of rail alignment in real-time