

ANNEX E: Enhancements To Lift and Escalator Systems

Lift and Escalator Industry Landscape

1 There are approximately 79,000 lifts and 7,900 escalators in Singapore as of November 2025. All new lifts and escalators are designed, installed and maintained in accordance with the SS550:2020 and SS626:2024 Codes respectively, which are adapted from internationally recognised standards. These lifts and escalators continue to operate safely, supported by industry-led maintenance, inspections and established regulatory requirements.

Maintenance Control Plan for Lifts

2 BCA has introduced various enhancements such as the Maintenance Control Plan (MCP)¹ which guides lift owners on timely maintenance and modernisation options to equip older lifts with modern safety features.

Remote Monitoring & Diagnostics

3 In addition to the MCP, BCA encourages lift and escalator owners to continue enhancing their lifts and escalators by adopting solutions such as Remote Monitoring & Diagnostics,² an advanced system that continuously collects and analyses lift data to detect, diagnose, and predict maintenance issues before they occur. This technology transforms lift maintenance from reactive repairs to proactive prevention, improving safety, reliability and efficiency.

Lift and Escalator Enhancements

4 As Singapore's infrastructure ages, BCA is studying measures to enhance the safety of older lifts and escalators and ensure that they meet modern safety standards, such as being equipped with safety features that help regulate their speed and

¹ The Maintenance Control Plan involves lift owners and contractors working with lift manufacturers to develop and tailor lift maintenance and modernisation plans to help lifts keep up with modern standards.

² More information on Remote Monitoring & Diagnostics Solution (RM&D) is at: <https://www1.bca.gov.sg/regulatory-info/lifts-escalators/remote-monitoring-diagnostics-for-lifts-in-singapore>

movement. BCA will explore the possibility of providing co-funding support for eligible private building owners and operators for selected essential safety features.