

# lift monitoring system



## what is lift monitoring system (LMS)?



LMS provides a platform for the remote monitoring of lifts / elevators. LMS monitors and tracks the performance of these assets

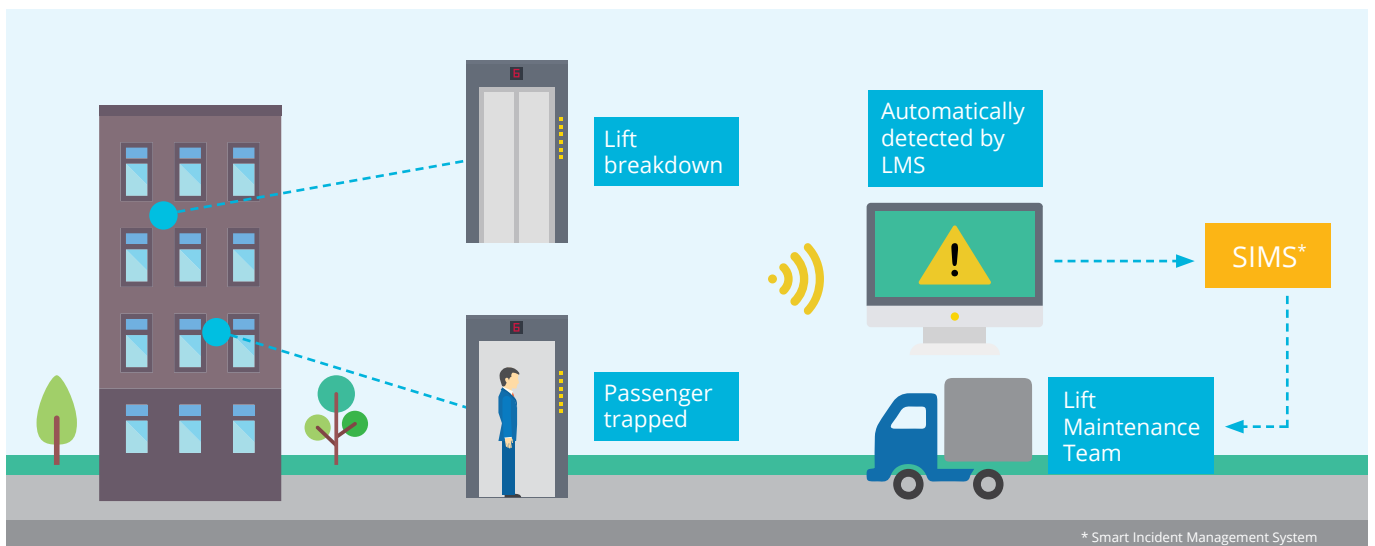


LMS was developed based on Surbana Jurong's expertise in **estate management**. With experience in **lift management solutions** since 1984, LMS offers:

- Experience in 24/7 monitoring of over **26,000** lifts in Singapore and China, which are used on a **high-frequency** and daily basis
- Predictive and preventative maintenance solution based on over **30 years of data insights**



Enables pre-emptive maintenance of lifts before breakdown, enhancing **safety and reliability**



\* Smart Incident Management System



## features



**Real-time monitoring of lift operations**  
Allows overview of assets' operational state and captures data for predictive analysis



**Cloud-based**  
Resides in the cloud and functions with the Microsoft Azure suite of services, providing secure data storage and machine learning functionality



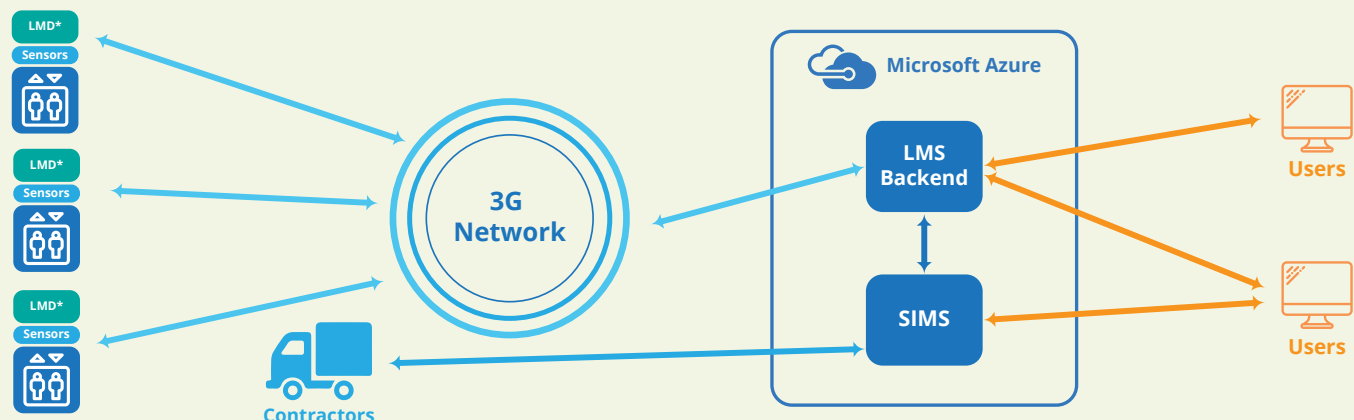
**Multi brand and model compatibility**  
Able to support asset monitoring and performance tracking across different lift generations, models and brands



**Workflow capabilities**  
The LMS can interface with Surbana Jurong's Smart Incident Management System (SIMS) to provide a comprehensive end-to-end solution



**Predictive analytics**  
Non-intrusive sensor devices installed in lifts capture data, which facilitates analysis of lift telemetry and predicts future failure, allowing for optimised maintenance and reduced downtime



System outline of the LMS and SIMS



## benefits



Real-time monitoring and predictive capabilities result in **productivity and cost savings**



**Secure communications protocol** with active network monitoring and management



**Addresses the risk of breakdown incidences** causing business interruptions as well as health and safety related incidents



Usable data points that can **drive actionable insights** such as preventative maintenance and recovery cost decisions



Mobile app allows **quick and easy system commissioning** during the deployment stage