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Press Release

6 December 2023

TÜV SÜD Lift Manager RM&D Solution receives approval from Building and Construction Authority Singapore (BCA)

Singapore. Lifts equipped with TÜV SÜD Lift Manager remote monitoring and diagnostics (RM&D) solution has been approved for the reduced maintenance frequency from BCA in Singapore. TÜV SÜD's Lift Manager is unique in its capability to be installed on lifts of any age, model or manufacturer, including existing lifts in service.

In accordance with Regulation 13A of the Building Maintenance and Strata Management (Lift, Escalator and Building Maintenance Regulations 2016 (“Approval to maintain certain lifts using RM&D solution at reduced frequency”)), building owners can apply to BCA for lifts equipped with compliant RM&D solutions to be subject to a longer maintenance interval of at least once every three months. Under the alternative regulatory scheme, building owners can leverage RM&D solutions such as TÜV SÜD's Lift Manager – a solution for monitoring the state of repair and enabling predictive maintenance of lifts – to reduce maintenance from monthly to three-monthly intervals.

TÜV SÜD's Lift Manager is an independent RM&D solution that combines IoT technology and TÜV SÜD's domain expertise in lift inspections. It operates in real time, using traffic, equipment status, performance, demand, and availability data to detect technical failures and alert building owners accordingly. Aside from improved reliability and enhanced productivity, TÜV SÜD's Lift Manager is unique in its capability to be installed on lifts of any age, model, or manufacturer, including existing lifts in service. This adaptability ensures owners can monitor their lifts, irrespective of the manufacturer, on a single dashboard and leverage the benefits of RM&D solutions without needing expensive equipment upgrades.

The RM&D solution has been proven effective by rigorous testing and validation procedures conducted by both BCA and JTC Corporation. In successful pilot trials conducted by JTC and TÜV SÜD, the adoption of RM&D solutions demonstrated a 25% improvement in workforce productivity for lift repair and maintenance. Combined with predictive algorithms and state-of-the-art sensors, these RM&D solutions exhibit an 85% accuracy in detecting, diagnosing, and predicting technical faults, reducing downtime, and enhancing building owners' productivity.



Mr Foo Soo Guan, Senior Vice President, Lift, Cranes and Conveyors, TÜV SÜD ASEAN, said, "We are delighted with BCA's approval of our Lift Manager service as an acceptable RM&D solution for the lift industry. With an impressive accuracy rate of at least 85%, the predictive lift model developed by TÜV SÜD excels at identifying patterns and potential failure points. The TIC company is currently Singapore's sole third-party non-OEM solution provider. Its Lift Manager marks a significant advancement in lift maintenance, reinforcing TÜV SÜD's commitment to providing innovative, cutting-edge solutions for the industry."

Offering unparalleled flexibility and performance, TÜV SÜD's Lift Manager empowers lift owners and operators to embrace advanced RM&D solutions. TÜV SÜD is proud to play a pivotal role in enhancing the industry's benchmarks and driving the digital transformation of the industry while ensuring that lifts continue to operate at their best.

Media Relations:

TÜV SÜD PSB Corporate Communications 15 International Business Park, TÜV SÜD @ IBP, Singapore 609937	Sherry Foo Phone +65 6973 6789 E-Mail mei-qi-sherry.foo@tuvsud.com Internet tuvsud.com/sg
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Founded in 1866 as a steam boiler inspection association, the TÜV SÜD Group has evolved into a global enterprise. More than 26,000 employees work at over 1,000 locations in about 50 countries to continually improve technology, systems and expertise. They contribute significantly to making technical innovations such as Industry 4.0, autonomous driving and renewable energy safe and reliable. tuvsud.com