

News Release

ST Engineering's Wireless Automatic Test System for Emergency Lights Delivers New Level of Safety and Performance

Fully automated solution to meet national Fire Safety Regulations for emergency lightings

Singapore, 2 August 2019 — ST Engineering's Electronics arm today announced the release of its Wireless Automatic Test System for Emergency Lights (E-WATS) which uses wireless mesh-networking and sensing technology to enable automated assurance testing of emergency lights and signs to the requirements of Singapore Civil Defence Force's Fire Safety Regulation SS 563.

E-WATS replaces manual testing of emergency lights and signs, required on a monthly and yearly basis by Fire Safety Regulation SS 563, with automatic testing and reporting, to ensure the proper functioning of emergency lights during emergencies. It reduces the effort and costs of maintaining emergency lights for building owners and removes the risk of non-compliance to fire safety regulations. It is suited for use in all public, residential and commercial buildings

"In several recently reported cases, emergency lights did not work during power blackouts due to lack of periodic checks and maintenance," said Mr Goh Wai Pheng, General Manager of Satcom & Sensor Systems, Electronics, ST Engineering. "This affects the safety of building occupants. Our Wireless Automatic Test System for Emergency Lights removes the risks of oversight and neglect in the maintenance of emergency lights and signs. Building owners, facility managers and their tenants can now have greater peace of mind that their emergency lighting systems will work when required."

E-WATS can also be bundled with ST Engineering's Estate Smart Lighting System to achieve greater energy savings in the lighting system, lower maintenance costs and the assurance of compliance to fire safety regulations for all commercial, industrial and residential properties. It can be easily installed and requires no additional network infrastructure or cabling to work with existing emergency lighting systems.

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The E-WATS and other ST Engineering's smart lighting systems and product offerings will be on display at BEX Asia 2019, held at the Marina Bay Sands, Expo and Convention Centre (Level 1, Booth #1-F02D) from 4 to 6 September.

ST Engineering is a global technology, defence and engineering group specialising in the aerospace, electronics, land systems and marine sectors. The Group employs about 22,000 people across offices in Asia, the Americas, Europe and the Middle East, serving customers in the defence, government and commercial segments in more than 100 countries. With more than 500 smart city projects across 70 cities in its track record, the Group continues to help transform cities through its suite of Smart Mobility, Smart Security and Smart Environment solutions. Headquartered in Singapore, ST Engineering reported revenue of \$6.7b in FY2018 and it ranks among the largest companies listed on the Singapore Exchange. It is a component stock of the FTSE Straits Times Index, MSCI Singapore, SGX ESG Transparency Index and SGX ESG Leaders Index.

The Electronics sector specialises in the design, development and delivery of Information and Communications Technology (ICT) products, solutions and services addressing the needs of Smart Cities for Connectivity, Mobility and Security. Its deep technological and engineering expertise straddles business domains in Rail & Road Engineering, Satellite Communications, Public Safety & Security, Cybersecurity, Artificial Intelligence, Training & Simulation, Managed Services and Defense C4ISR. It has presence in more than 30 global cities across North America, Latin America, Europe, Africa, the Middle East, China, India and Southeast Asia. For more information, please visit www.stengg.com.

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