



## MEDIA RELEASE

# Toll Group partners with education institutes to advance supply chain technologies

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Toll Group today announced a partnership with two leading institutions in Singapore, Republic Polytechnic and the Singapore University of Technology and Design (SUTD), to advance new automation and digital solutions for warehouses.

The event took place as part of Asia's largest innovation festival, the Singapore Week of Innovation and Technology.

Through the partnership, industry experts, student researchers, and faculty members will collaborate with Toll innovation experts to harness new technologies such as artificial intelligence and the Internet of Things, to drive enhancements in automation and digitalisation in logistics.

"Toll is pleased to collaborate with Singapore's leading education institutions to advance warehouse automation technologies," Alan Beacham, Toll Managing Director, said.

"We're driven to explore digitisation so our customers can benefit from efficient and reliable supply chains. Partnerships are a critical step towards driving the digitisation of the logistics industry," Mr Beacham said.

"The partnership with Toll Group leverages RP's multidisciplinary capabilities across its Centre of Innovation for Supply Chain Management as well as our engineering and infocomm schools in developing cutting-edge technologies to enhance productivity and safety," Boo Chong-Han, Republic Polytechnic Deputy Principal (Academic & Organisational Development) said.

"Besides improving operational excellence, the collaboration also allows our students to hone their skills in real-world scenarios, further bolstering Singapore's position as Asia's top logistics hub," Mr Boo said.

The partnership with SUTD will further develop supply chain optimisation and simulation technology, such as digital twins, which is key to achieving and sustaining peak efficiency amid market fluctuations.

"We are happy to partner with Toll Group to develop efficient, robust and resilient systems through information exchange, modelling and simulation of these complex systems," Professor Chong Tow Chong, SUTD President, said.

"With the Digital Twin technology, users will gain greater foresight to various pre-planned situations and trial solutions for greater efficiency and productivity without interrupting operations. These systems will, in other words, enable Toll Group to hit the bull's eye every time in their operations," Professor Chong said.

The partnership will also give students the opportunity to engage in real-life operations and gain practical skills and experience.



**-ENDS-**

### **About Toll Group**

At Toll, we do more than just logistics - we move the businesses that move the world. Our 16,000 team members can help solve any logistics, transport or supply chain challenge – big or small. We have been supporting our customers for more than 130 years. Today, we support more than 20,000 customers worldwide with 500 sites in 28 markets, and a forwarding network spanning 150 countries. We are proudly part of Japan Post — [www.tollgroup.com](http://www.tollgroup.com).

Media contact: [media@tollgroup.com](mailto:media@tollgroup.com)

### **About Singapore University of Technology and Design**

The Singapore University of Technology and Design (SUTD) was one of the first universities in the world to incorporate the art and science of design and technology into a holistic interdisciplinary education and research experience that culminates in real-world design innovations.

SUTD is one of the most innovative universities in the world. It has not only topped a list of emerging engineering schools in the world in a study commissioned by MIT, but also made it to pole position in the field of reconfigurable robotics research. Significantly, almost a third of SUTD faculty have made it to the list of top 2% of scientists around the world according to the database by Stanford University and Elsevier BV in September 2022.

### **About Republic Polytechnic**

The first educational institution in Singapore to leverage the Problem-based Learning approach for all its diploma programmes, Republic Polytechnic (RP) has seven schools and two academic centres offering 37 full-time diplomas in Applied Science, Engineering, Management and Communication, Hospitality, Infocomm, Sports, Health and Leisure, and Technology for the Arts. RP is committed to nurturing professionals with strong problem-solving capabilities through an innovative and entrepreneurial learning environment, based on a holistic and industry relevant curriculum. RP's Academy for Continuing Education also offers a comprehensive suite of lifelong learning programmes to provide adult learners with skills upgrading opportunities. For more information, visit <http://www.rp.edu.sg>.

Media contact: [terence\\_ong@rp.edu.sg](mailto:terence_ong@rp.edu.sg)



*Toll Group signed the MoU with RP to drive enhancements in robotics and automation in logistics. Left to right: Zack Toh (Toll), Lee Yee Ling (RP), Wong Wai Ling (RP), Boo Chong Han (RP), Jonathon Kottegoda-Breden (Toll), Ray Xu (Toll).*



*Toll Group signed the MoU with SUTD to drive enhancements in digitalisation in logistics.*



SINGAPORE UNIVERSITY OF  
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*Left to right: Prof Rakesh Nagi (SUTD), Ruth Lim (Toll), Prof Chong Tow Chong (SUTD), Jonathon Kottegoda-Breden (Toll), Jason Aung (Toll).*