

# eGenie Forum 2018

*Voice of the Industry*

30<sup>th</sup> November 2018



# Topics

---

- Snapshot of SASS
- SASS vision & mission
- SASS Initiatives Towards Digitalisation Journey

# Glance of SASS

- Singapore Association of Shippers and Services (SASS) was incorporated in 1981. We are the National Association of International Shippers & Services Association (ISSA).
- We have 110 members to date and there are 3 categories of membership: Ordinary, Associate and Honorary Members.
- SASS has constant engagement with government agencies & industry stakeholders and actively participate in the industry transformation map. etc, MPA, Jurong Port, PSA, A\*Star, Enterprise Singapore, WSG, NTUC (e2i and U SME)
- SASS guides & assists members in their adoption of technology, training and education.

# SASS' Vision & Mission

---

## Vision

To be the global leader in ship supply industry transformation

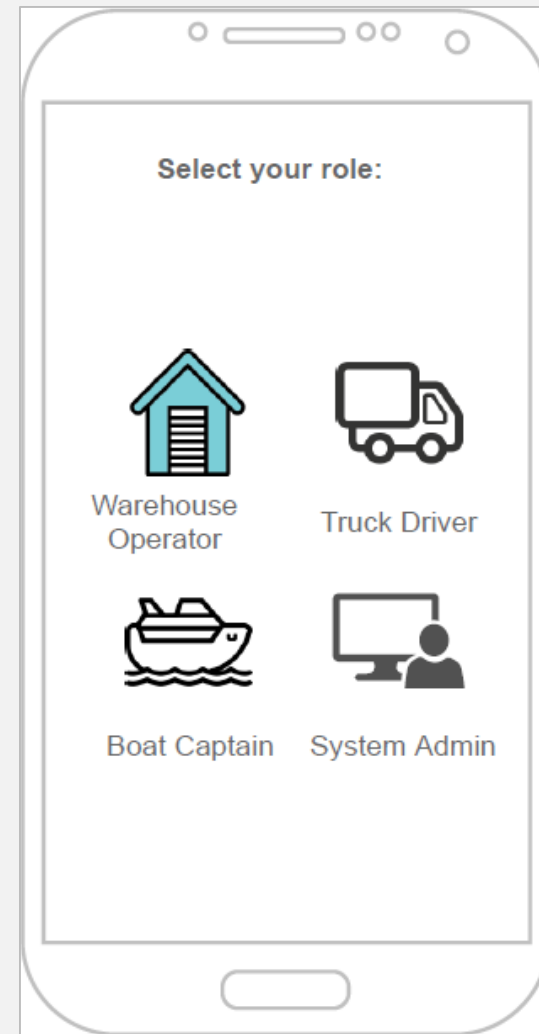
## Mission

Upskilling & professionalizing the ship supplies industry through adoption of technology, training and education.



# SASS Digitalisation Journey

*Extending  
LT (Lighter Terminal)  
Mobile  
to Port Users*



# SASS Digitalisation Journey

## *Objective of LT Mobile*

- Provide visibility of timing and location of port users' assets to minimize delays at port
- To capture operational information for more effective planning by both port operators and port users
- Providing convenient access to update booking of port facilities
- Having all documentation for port access on one single mobile platform
- Provide efficient allocation of assets & resources
- Link various government agencies to facilitate online declaration eg customs permits
- Provide real time updates on vessels' ETA for tighter schedule planning

# SASS Digitalisation Journey

---

## *Update of LT Mobile POC / Trial*

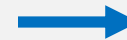
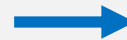
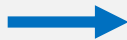




# SASS Digitalisation Journey

## *LT Mobile POC / Trial*

- 4 Companies and 4 Boat Operators
- Included various parties to determine project's feasibility
- Workflow was simplified for purpose of POC
- Provided a base platform to work towards Phase 2
- Focused on Ship Suppliers and Transport
- Identified basic processes, monitor ETA and its accuracy
- Identified possible sensitive issues



# SASS Digitalisation Journey

---

## *Adopting Drones in the Maritime Industry*

- Improving Ship Safety
- Reducing Costs
- Making Access Challenges a Breeze




# SASS Digitalisation Journey

## ■ Drone Operations Center Demo by Garuda Robotics



**Logistics & Delivery**  
**Aerial Delivery of Regular and Emergency Blood Samples and Cargo**

Efficiently transport blood samples between hospitals, labs, and other healthcare facilities nationwide. Pave the way for all sorts of aerial deliveries (including e-commerce) with high-impact, high-priority uses.

**PROBLEM**

 Daily scheduled blood sample deliveries by motorbike	 Difficulty supporting on-demand, high-priority delivery in heavy traffic	 High impact + high priority + difficult terrain E.g. Ship to shore, etc.
---	---	--

**SOLUTION**  
Drone Delivery of Blood Samples / High Priority Cargo

 Drones complement existing ground delivery networks	 Scheduled deliveries + economies of scale = lower costs
---	---

**By 2020**

**Parkway Pantai** Flight trials with Parkway Pantai delivering blood samples from hospitals to testing laboratories and validating different operational models.

FutureFlight Consortium | Pioneering Urban BVLOS Operations



Thank You !





