



SHORE CONTROL CENTER

# Voyage and Container Optimisation Platform

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*Image: MacGregor/Cargotec*



# About VCOP

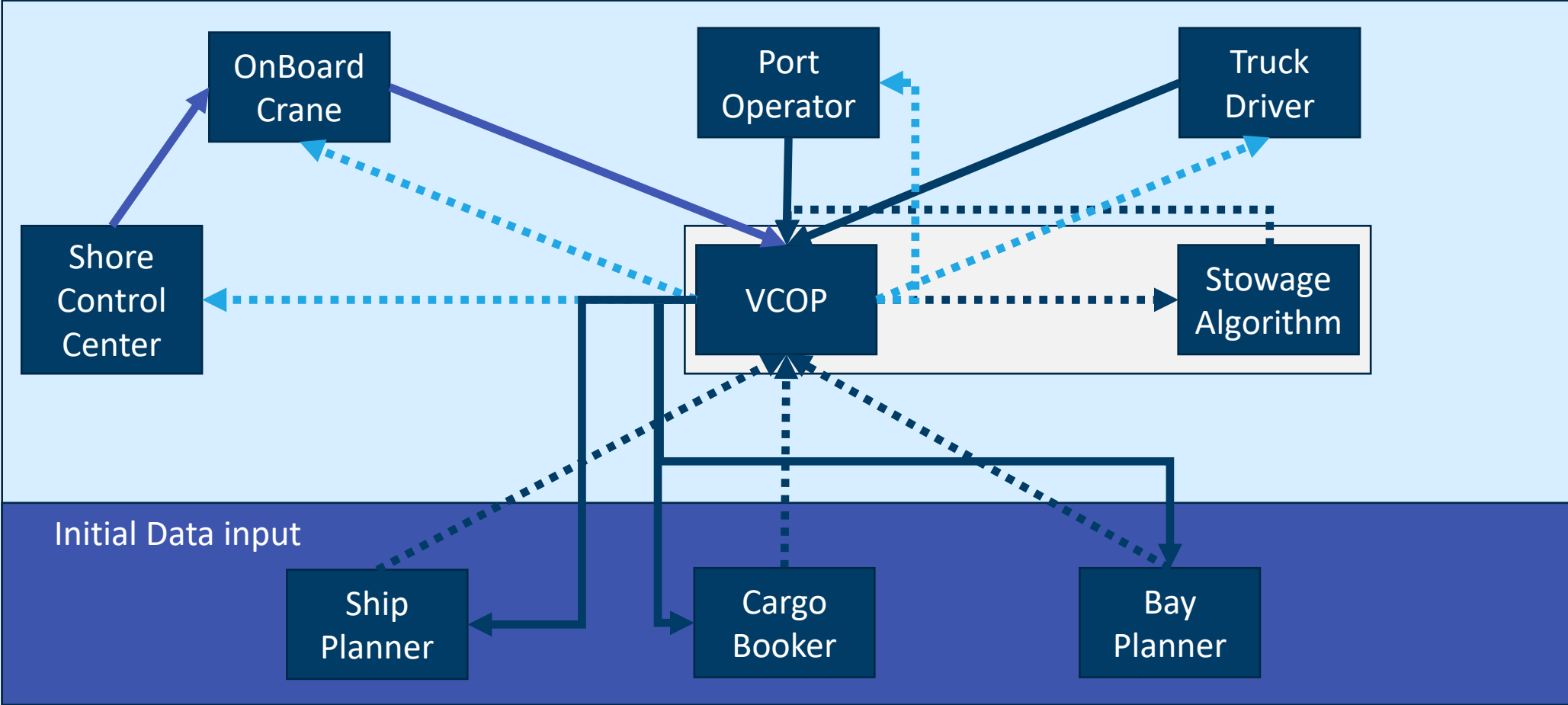
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- What is Voyage and Container Optimisation Platform (VCOP)?
  - **A web based application** that facilitates **loading and discharging cargo containers** to ships
  - This solution consists all necessities that the entire **cargo shipment process** is required from different perspectives. This includes **cargo booking to cargo planning and delivery**. Each perspectives of this process has been designed and consolidated in the VCOP
  - Each entities of VCOP application can act independently in order to book and to plan cargo, to load and to discharge cargo, and at the same time can have **common view of the status** of the shipment.
- A few key features of VCOP
  - While cargo owner and cargo bookers can use their current booking systems solutions, they still can benefit from VCOP. Since **VCOP can integrate** with other booking systems and communicates with REST-API.
  - In the loading and discharging phase **VCO is able to communicate with crane systems** in order to update the status of process. This machine-to-machine capability will help port operators to achieve automated solutions.
  - In the planning phase, VCOP communicates through REST-API with an **external stowage algorithm module** find the **most optimized plan** according to cargo and ship.



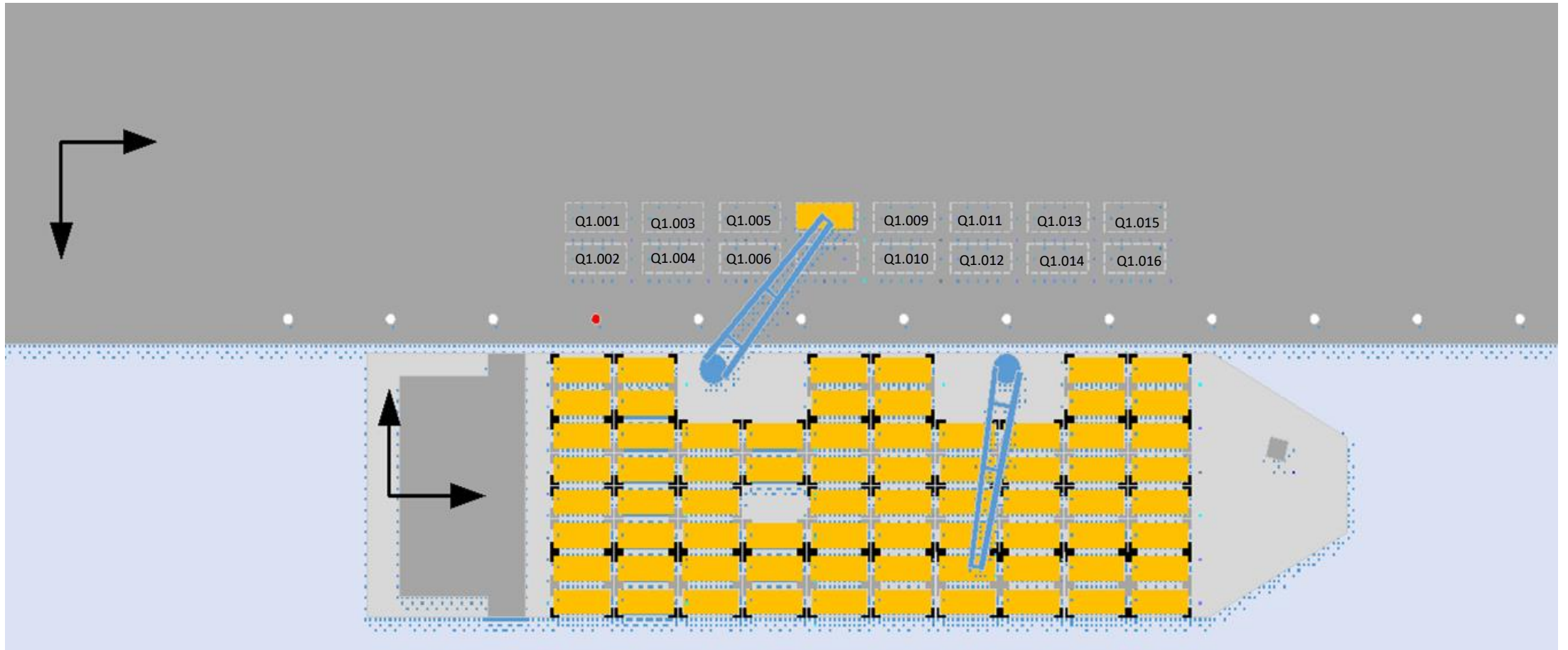


# VCOP Process



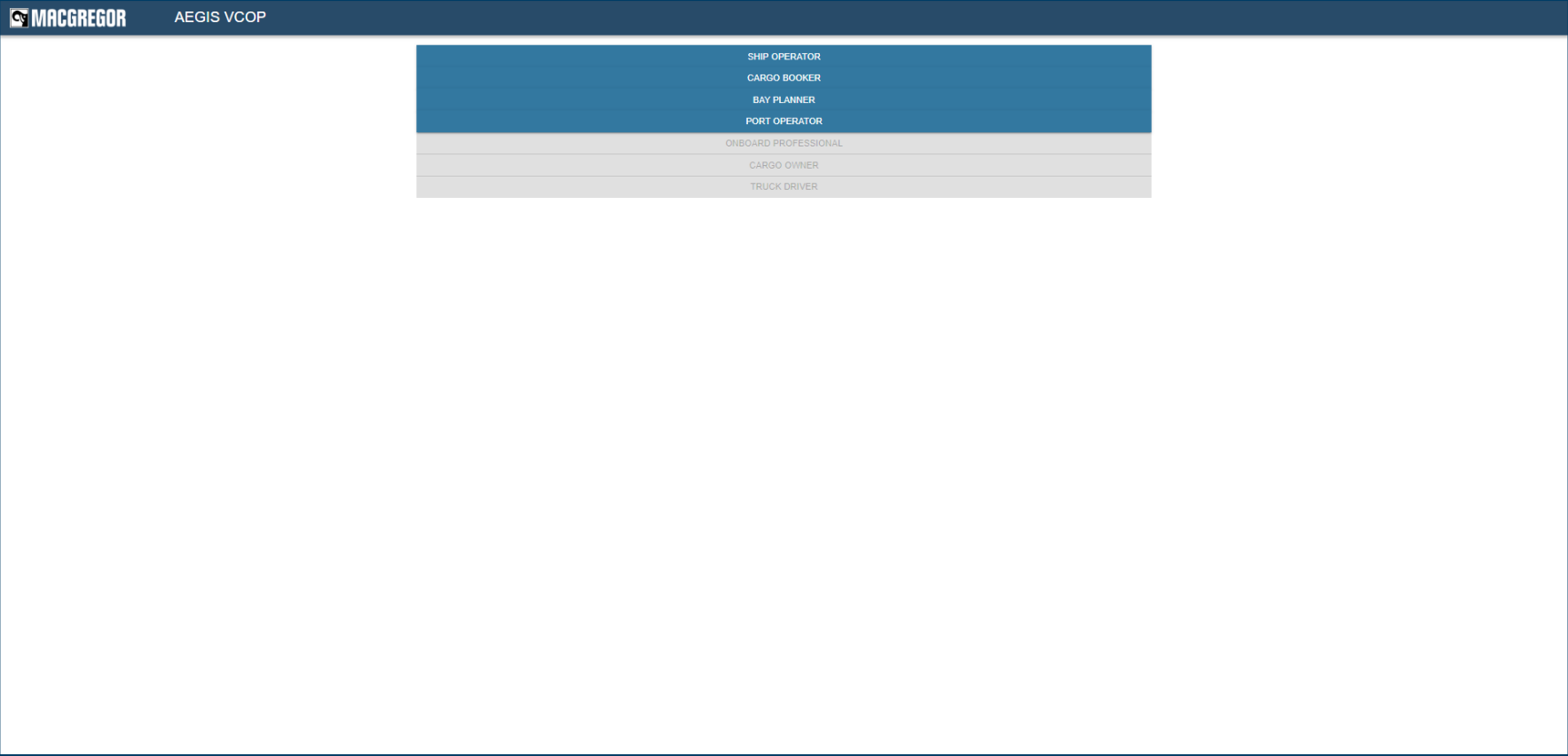


# VCOP Logical positions



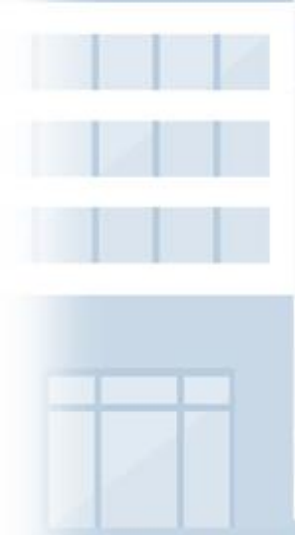


# VCOP User Interface





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**Thank you for your attention**

