



Vessel Berthing & Operations – Business Process Automation

Objective

To enable easy communication & collaboration amongst Crew members for activities related to vessel berthing

Offering*

- **Creation of Systems & Processes for Communication & Collaboration during Vessel berthing**
- Allow multiple stakeholders to view information regarding berthed vessels
- **Allow users to input information on the go regarding Vessel, Cargo etc. and create real time reports**

Vessel Berthing & Operations

When a vessel berths various teams are involved in functions such as loading, unloading, cargo inspection, cargo damage reporting etc. Usually all this information is shared through informal groups through platforms such as Whatsapp.

System Objectives:

- Auto Creation of Chat Groups according to rostering information in Company systems
- Chat group contains various action cards enabled to
 - Display vessel and berthing information
 - Allow users to input data into various forms
 - Display reports generated during berthing
- Show notifications of critical information as Announcements in real time
- After vessel ATU, vessel Chatgroup will close, and no further communication on the group will be possible
- Information from the closed chatgroups is archived for future use

System Benefits

- System will enable all Stakeholders to be informed before vessel arrival of information such as Berthing Dock, Type of Vessel, Time of Arrival etc., and will be able to prepare accordingly
- Chat group also serves as a notice board for all announcements related to the vessel so that all Stakeholders can be informed of any development on the vessel information.
- Archived chatgroup information can be used to create reports or can be used at a later time to audit information regarding the Vessel.
- Users can be added to the Chatgroups using Phone Nos. and/or email ids
- Allows for Real Time reporting of vessel related Information

Why kloudynet

- Microsoft Silver partner with expertise in Business Process Automation & Azure
- Certified Microsoft Consultants
- Azure expertise areas
 - Migration – Architecting & Designing Cloud landscape
 - Security, Governance & Compliance – Auditing security & governance of Cloud landscape
 - Managed Services for Azure: Managing & Optimizing Cloud Landscape
- 24X7 Azure Support Centre

Expertise in Azure infrastructure design & migration as well as development in Azure – Azure DevOps, Serverless

For more info, or a demo:

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Technologies Used

- **Kaizala/Teams:** Automatic groups/teams with relevant vessel related information created according to the Company roster
- **Microsoft Logic Apps** to integrate with Company's existing system and APIs to help provide real-time information within the Chat groups, as well as write back any required information to the Company Portal as entered in the Chat Groups
- **Azure Table Storage** for storage of Data from archived Chats