Smart Management

Offshore logistics

The customers of Tag-Hub are primarily from the oil and gas industry. A serious challenge is to be able to keep track of tools, spare parts and other supplies from suppliers to rig and back onshore. Tag-Hub can manage the data capture and sharing of information across the entire supply chain related to offshore operations. To make the user interaction simpler and reduce the chances of errors Smart Management has developed a suite of applications to manage the most important tasks in the supply chain. This involves the movement of goods from supplier and all the way to a rig and back.

The offshore logistics module manages data about individual items in a consistent way at all stages, and the applications will handle the logic and collaboration. In addition to the standard tools in Tag-Hub the offshore logistics portfolio includes the following applications:
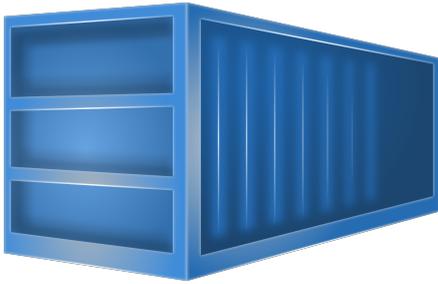
Web based:	Mobile based:
Warehouse	Assigning
Cargo meetings	Packing
Rig storage planning	Sending
	Receiving
	Control onboard

The features of the offshore logistics modules requires that a profile for data associated with items are activated in Tag-Hub. This will be done when creating a new project.

Features

The suite of applications consists of both applications for mobile devices "in-the-field" and web-based applications for use with PCs and tablets. The features provided by the applications and Tag-Hub cover at least the following:

- The system support QR codes, RFID tags and native identities

- Items can be tracked from supplier to rig and back

- Tracking can also use data from GPS devices and AIS from vessels

- The information that will be visible for actors in the supply chain can be configured as needed

- inside the context of the project and can be retrieved even after the project has completed

- Information logged related to a specific project will be kept The physical location of goods can be viewed in map views

- Managers of an offshore field can keep track of where spare parts etc. are located, their state and the event-log for each specific item

- The cargo meeting and rig storage planning applications are multi-user applications that can facilitate meetings with participants from anywhere in the world

- Planning of cargo for vessels – both from base to rig and back – are supported and once the loading is done the manifest can be printed directly

- Mobile applications enable operators to scan items and carry out assigning, packing, shipment, receiving, checks, etc.

- The project views in Tag-Hub enable real-time status reports

Benefits

Tag-Hub and the dedicated Offshore Logistics applications make it possible to carry out complex logistics operations across company borders and get more accurate data updates – without heavy investments in new infrastructure. Other benefits are:

- It is easier to stay in control with the flow of spare parts, tools, equipment, etc.

- The data capture can be carried out with handheld devices and will generate event logs for documenting work processes

- The system is built for collaboration and sharing of data

Requirements

As a web-based service Tag-Hub only requires a standard web-browser for basic operations.

For mobile data capture any mobile phone that reads 2D bar-codes will work in basic mode. More advanced mobile operations are possible with applications for Android mobile devices.

Smart Management

Tag-Hub is developed and operated by a dedicated team at Smart Management, located in Stavanger, Norway. We work closely with some of the operators in the offshore oil and gas industry in the North Sea; probably one of the more advanced supply chains in the world.

In addition to Tag-Hub we also provide consulting services related to Tag-Hub and supply chain management.