



Smart Management

Virtual Warehouse

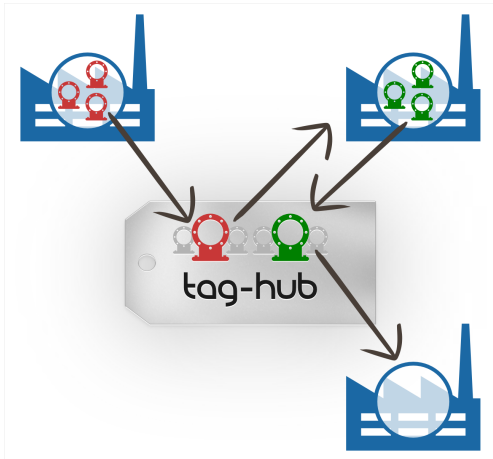
Tag-Hub is a tool to share information about physical objects and processes. It is designed and operated by Smart Management. Tag-Hub is easy to configure and can be used to share information in supply chains involving many companies with heterogeneous systems.

The Tag-Hub customers are primarily from the oil and gas industry. Warehouses in the oil and gas industry have traditionally been temporary storage spaces for spare parts. However, the oil and gas industry are in need of more complex configurations:

- Spare parts may be located at several different locations and transported to port when needed at a specific offshore location
- Spare parts in one physical location may be owned by several different companies
- Search for spare parts regardless of location and owner
- View event log for specific spare parts
- Schedule maintenance for spare parts regardless of location

Because our customers need to manage such complex warehouse operations we have developed a “virtual warehouse” application that use data storage capabilities of Tag-Hub.

Tag-Hub can work as a repository for data about spare parts and the Virtual Warehouse application make it easier to configure and use for advanced warehouse operations. In addition - the Virtual Warehouse application work together with the other applications in the set of Offshore Logistics applications.



Features

The Virtual Warehouse suite of applications for Tag-Hub consists of one web-based application and several applications for mobile devices. The applications for mobile devices are primarily for data capture, inspections, packing, shipping, etc.

The features include:

- Spare parts have globally unique identities
- Spare parts may be tagged with standard RFID tags and/or QR bar-codes
- Tag-Hub can maintain information about spare parts from many companies and the information can be shared to many virtual warehouses
- Searches for spare parts can span several locations and companies
- Reports regarding the inventories of warehouses and states of spare inventory
- Mobile applications provide real time updates

- Tag-Hub can be synced with legacy systems, e.g. ERP systems
- The location of spare parts can be visualized in maps

To really benefit from implementing Tag-Hub for virtual warehousing it is desired that spare parts are classified with EqHub. This means that a search for a given type of spare parts amounts requesting for spare parts with a given EqHub ID.

Benefits

The benefits include:

- Easy to get started and low investments
- No servers or special hardware needed to get started
- Spare parts get globally unique identities that make collaboration across systems easier
- Tag-Hub is easy to integrate with

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.