

# Fisheries

fisheries **information** solution



Fisheries

improves & enforce control

abide by EU regulations & local legislation

eLogbook, eSales & other fisheries solutions



## Fisheries solution overview

The Fisheries solution provides a context for the design, development, and implementation of data collection and data management for fishery-dependent statistics nationwide to improve the timeliness and accuracy of data. The Fisheries solution is a portal that identifies the existing federal and state fisheries information systems or databases (data collections) and provides integrated business solutions for effective data sharing. The solution supports fisheries management decisions by developing a virtual application environment and providing integrated business solutions and data sources in web browser interface.

Fisheries solution works collaboratively through partnerships to provide the customers with comprehensive high quality, timely, and easily accessible data on the nation's fisheries in support of sound science and effective stewardship of the living marine resources.

### Solution overview:

- Provide services and appropriate information to meet customer needs for sound science and effective fishery management decisions.
- Expand and adapt data processes to improve data collection methods.
- Develop and promote tools to facilitate timely reporting of fisheries information:
  - National Permits System
  - Electronic Logbooks
- Build and integrate regional and national systems to improve data management.
- Establish regional and national standards, policies, and guidelines for data collection, management, and dissemination to ensure high quality.
- Create and sustain governance structures that result in effective program management, project management and efficient use of resources.
- Maintain and publish a comprehensive inventory and documentation of information assets in an authoritative data catalogue.

## Fisheries functionality and systems

The fisheries solutions is made up of various modules. All modules are interacted and integrated with each other and can interface with ancillary systems, such as the VTMS (vessel traffic management information system) owned by the Armed Forces of Malta.

The solution includes the following modules:

- Fishing vessel register
- Direct sales of landings
- Data exchange format (COST)
- Fish market management
- Vessel monitoring system
- Fishing vessel inspections
- Fuel allocation
- Species management (eg. tuna)
- National data collection programme
- Aquaculture
- Capture fisheries research and
- Interfacing capabilities
- eLogbooks
- eSales

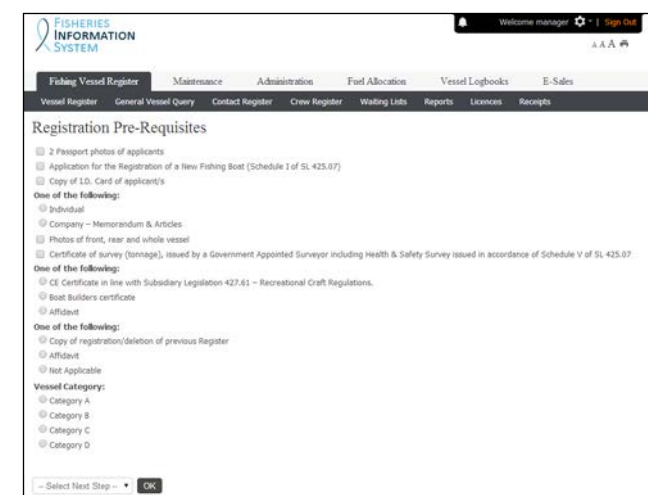
All systems and sub-systems adhere to related EU Regulations and Chapter 425 of the Laws of Malta (Fisheries Conservation and Management Act).

All equipment used is compliant with the European Directive on the Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment also known as the WEEE (Waste Electrical and Electric Equipment) and RoHS (Restriction of Hazardous Substances) directives.

## Fisheries system screenshots



Logbook No.	Date	Vessel FVR	Vessel Name	Captain	Last Updated
03/02/2014 09:23:00	03/02/2014 09:23:00	MF48013	Alfonsi	Giovanni Papp	24/02/2014 09:22:09
30/01/2014 22:34:45	30/01/2014 22:34:45	MF48006	Santini	Alexander Scuderi	30/01/2014 18:36:13
30/01/2014 19:51:38	30/01/2014 19:51:38	MF47187	Stella del Mare II	Alexander Scuderi	01/02/2014 19:15:47
26/01/2014 13:22:05	26/01/2014 13:22:05	MF47194	Maria de Lourdes	Pedro Olin	26/01/2014 13:25:09
26/01/2014 07:04:51	26/01/2014 07:04:51	MF47187	Stella del Mare II	Alexander Scuderi	26/01/2014 11:30:23
22/01/2014 16:48:59	22/01/2014 16:48:59	MF48100	Sanctus Petrus	Walter Carabott	22/01/2014 16:51:05
22/01/2014 16:43:00	22/01/2014 16:43:00	MF48103	Alfonsi	Giovanni Papp	26/02/2014 14:18:18
22/01/2014 16:22:10	22/01/2014 16:22:10	MF47194	Maria de Lourdes	Pedro Olin	22/01/2014 16:36:04
22/01/2014 06:56:17	22/01/2014 06:56:17	MF47187	Stella del Mare II	Alexander Scuderi	24/01/2014 02:54:56
18/01/2014 08:28:36	18/01/2014 08:28:36	MF48170	Sabatini VI	Albert Scuderi	20/01/2014 11:22:13
16/01/2014 08:51:14	16/01/2014 08:51:14	MF48111	Carolea Madre	Michael Horne	20/01/2014 11:22:12
15/01/2014 22:44:21	15/01/2014 22:44:21	MF48008	Santini	Sabatini Scuderi	20/01/2014 11:22:11
15/01/2014 18:05:03	15/01/2014 18:05:03	MF48170	Sabatini VI	Albert Scuderi	20/01/2014 11:22:14
14/01/2014 03:16:30	14/01/2014 03:16:30	MF48100	Sanctus Petrus	Walter Carabott	14/01/2014 03:26:12



## abide by EU regulations and local legislation

### Fisheries overview

- Real-time communication
- Online services such as data collection
- Modular solution
- Generate automated reports
- Monitor your catch
- Back-office integration

### Benefits

- Seafood provenance and traceability
- Inshore fisheries management
- MPA's and access to fishing grounds
- Marine planning
- Economic evaluation of fishing grounds
- E-logs and remote data collection
- Gear conflict
- Work with reliable accurate information
- Efficient shift utilisation and productivity
- Abide by EU regulations and local legislation
- User rights driven solution with audit trail
- Driven by changes in legislation

Loqus provides an efficient fisheries management solution for businesses and government. With hundreds of field service engineers and technicians from diverse industries running over hundreds of vessels between them, the solution provides you with the necessary custom-made software tools, to keep your vessel and your business moving. But don't just take our word for it. If you'd like to know more check out our website. And if you're ready to talk to the people who can increase your operational efficiency while saving you time and money contact us. **We make your business work smarter and not harder.**

# Fisheries

Fisheries provides a compilation of accurate, relevant and timely data in a standard form facilitates monitoring, comparisons and analyses of status and trends that are essential to underpin the responsible development of the world's fisheries and aquaculture sectors and the sustainable utilization of the resources.



we make your business work smarter not harder



### Companion products

#### **VMS**

VMS is a totally new concept in distribution and or services vessel management. It uses sophisticated and proven vessel location and mobile data communications technology to automatically send position, course, speed and identity of the vessels.

#### **TrakIT**

TrakIT is a totally new concept in distribution and or services fleet management. It uses sophisticated and proven vehicle location and mobile data communications technology to reduce costs, gain new levels of control and improve service.