The KINGFISHER is a maritime multi-layer intelligence system created for an in-depth analysis of large maritime areas of interest in order to detect illegal activities.
KINGFISHER Advantages:

**Total Maritime Awareness**
continuous multi sources monitoring of the arena providing several layers of data for maximum accuracy.

**Total View**
multi layers view of all available data.

**Total Intelligence**
embedded proprietary algorithms for in depth data analysis and anomalies detection.

**Total flexibility**
unlimited operational area coverage.

**Total experience**
designed by superb research and analysis team with hundreds of accumulated man years of operational intelligence experience.

The KINGFISHER is integrating data from several types of satellite based sensors and additional data sources:
- SAR satellite imagery
- EO satellite imagery
- AIS
- VMS
- Coastal RADAR
- OSINT
- Others

This unique multi-layer system correlates the data from all sensors into a constantly updated, coherent maritime situational awareness picture.

KINGFISHER Application:

**Sovereignty control**
protecting EEZ and borders from unauthorized movements.

**Counter terrorism and piracy**
alerts on suspicious vessels based on historical data analysis and vessel profiling.

**Counter trafficking**
detection of trafficking hot spots via AIS analysis and data on active trafficking, cross-referenced with satellite imagery.

**Counter IUU fishing**
designation of major fishing areas and detection of active vessels, to support vessel profiling.

**Environmental protection**
detection of oil spills and cross correlation with historical data to identify potential suspects of water pollution.
Total Maritime Awareness

The total maritime awareness is achieved by:

- Integration of data layers such as AIS, VMS, OSINT, RADAR with satellite imagery on demand.
- Vessels are being analyzed using algorithms and human research in order to detect illegal activity.
- Visual identification provides ability to get first hand data about the targets.

The system can be installed at the customer site where it will be operated by local personnel. Another option is to provide turn-key service giving the customer operational information analyzed by iSi's team of experts.