



SATELLITE MONITORING SYSTEM

**Thuraya Satellite, Inmarsat
Satellite, AIS Satellite**



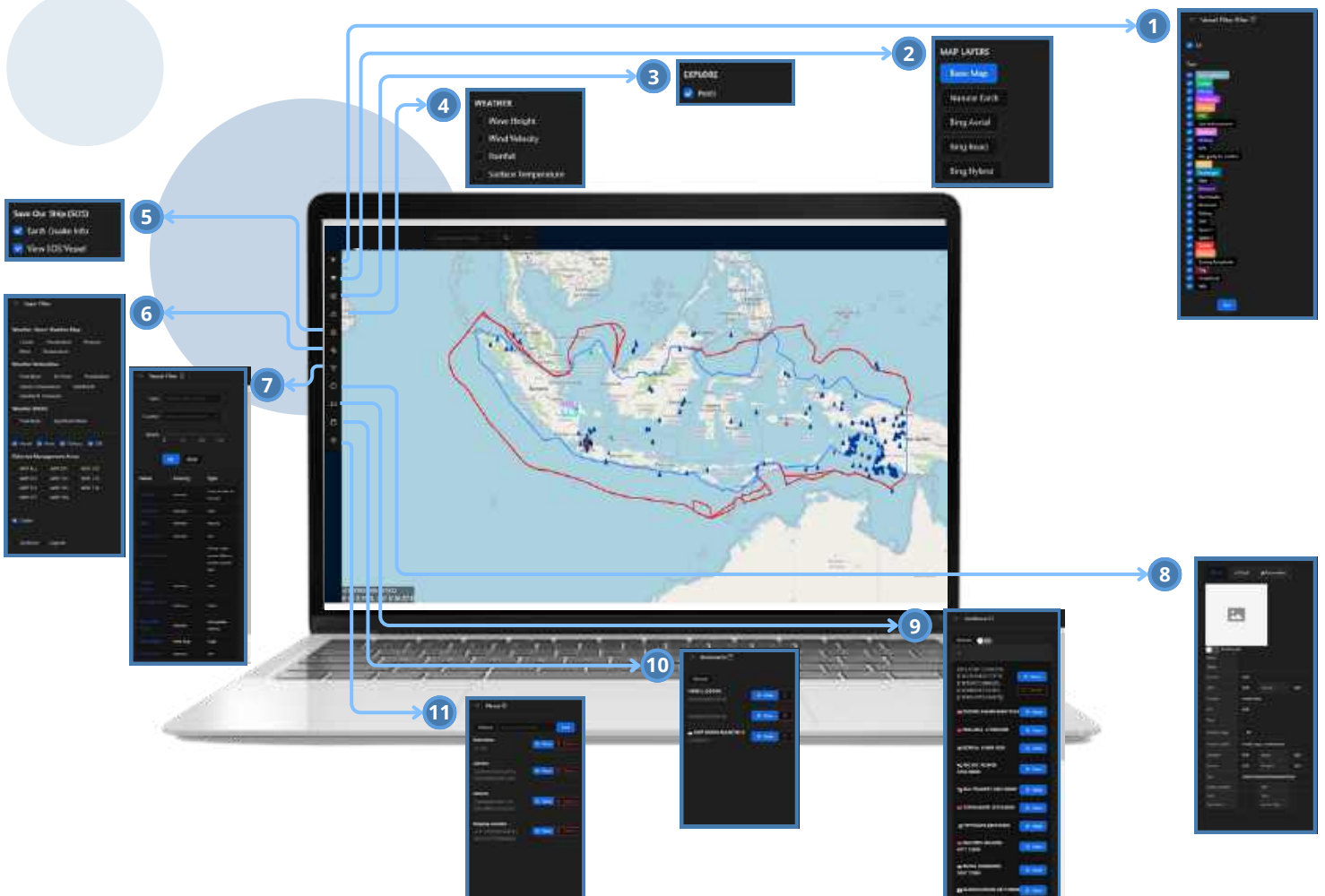
Satellite Monitoring System

Satellite Monitoring System is an advanced technology that utilises satellites to monitor, track and manage various assets and activities on earth in real-time, offering a highly accurate and efficient solution for global monitoring needs across various industry sectors.

Xcilon is able to collect, process and integrate multiple data sources such as data from Thuraya and Inmarsat, combined with Automatic Identification Systems (AIS) to perform comprehensive maritime monitoring and analysis. By utilising advanced satellite technology from Thuraya and Inmarsat, Xcilon can provide real-time data on vessel position, weather conditions and other critical information. AIS enables vessel tracking, providing unique identification, position, course and speed of vessels on a continuous basis.

Xcilon app main view

FILTER	SAVE OUR SHIP (SOS)	GEOFENCE
MAP LAYERS	LAYER FILTER	BOOKMARKS
EXPLORE	VESSEL FILTER	PLACES
WEATHER	VESSEL INFO	



About Xcilon app

Xcilon application for vessel monitoring offers a range of key features designed to ensure efficient and safe management of vessel fleets. One of its flagship features is real-time tracking of vessel positions using advanced GPS technology, enabling users to monitor vessel locations at all times.

This feature is complemented by interactive maps that provide a clear visualisation of vessel movements at sea. In addition, the Xcilon app provides automatic notifications for important events, such as unexpected route changes, severe weather, or technical issues that require immediate attention.



Radar AIS



AIS Satellite

HEXA Main Features	Description
Monitoring Vessel Management System	Engine algorithm processing & vessel tracking, monitoring and management settings
Integration Tracking of Thuraya and AIS System	<ol style="list-style-type: none"> 1. Processing integration of Thuraya Satellite Data with Ais Data 2. Overlayer of Thuraya Satellite Data with AIS Data 3. Overlayer of Thuraya Satellite Data with AIS Data
Integration Tracking of Inmarsat and AIS System	<ol style="list-style-type: none"> 1. Processing of inmarsat satellite data integration with ais data 2. Overlayer of Inmarsat Satellite Data with ais data 3. Inmarsat Satellite and AIS data travelling trajectories
Visualitization Digital Maritime Map System	Basic Map, Natural Earth, Bing Aerial, Bing Road, Bing Hybrid. <ol style="list-style-type: none"> 1. Weather information and prediction map. 2. Earthquake information, SOS Vessel display information from AIS SOS data.
Multi Data Maritime Processing	Data processing & algorithm calculation for: <ol style="list-style-type: none"> 1. Ship Data Database 2. Public harbour data 3. Data flow monitoring AIS data availability 4. Integrated port coordinate data based on WPP area 5. Vessel SOS data from satellite AIS SOS data
Dashboard Engine	Menu, Vessel information, Ship tacking, Satellite data collection records, map information.
User Access	User & password



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Dubai Silicon Oasis,
DDP, Building A2,
Dubai, United Arab
Emirates