



CUSTOMIZABLE ALERTING PLATFORM (CAP)

For Straits of Malacca user

Executive Summary



Legit communication and accurate report is very important; delivering the right message, to the right people, at the right time and right place is the ultimate goal.



Customizable Alerting Platform (CAP) is an application to address these needs, enhancing the solutions by digitalizing the system and thus creating a safe maritime community.



CAP have three basic features i.e. reporting platform, information platform and communication platform.



CAP is available in mobile and desktop application and it can be customized based on client preference and also can be integrated with other applications.

Economic Importance at Straits of Malacca



The Strait is the main shipping channel between the Indian Ocean and the Pacific Ocean, linking major Asian economies such as India, Thailand, Indonesia, Malaysia, Philippines, Singapore, China, Japan, Taiwan, and South Korea.



Over 94,000 vessels pass through the strait each year and making it the busiest strait in the world, carrying about 25% of the world's traded goods, including oil, Chinese manufactured products, coal, palm oil and Indonesian coffee.



About a quarter of all oil carried by sea passes through the Strait, mainly from Persian Gulf suppliers to Asian markets. Millions of barrels were transported through the Strait daily, and the number increasing year-on-year.



Due to an economic and strategic perspective, the Strait of Malacca is one of the most important shipping lanes in the world. Thus, maintaining the ***Safety and Security*** across the Strait is paramount.

High Traffic, High Risk in the Strait of Malacca

The chokepoint, near where Sunday's collision between the USS *John S. McCain* and an oil tanker occurred, is one of the world's busiest shipping routes.

KRISHNADEV CALAMUR AUG 21, 2017



MORE STORIES

Source: The Atlantic, 2017

China raises security warning on ships plying Malacca Strait

BUSINESS

Thursday, 04 Jul 2019
4:39 AM MYT

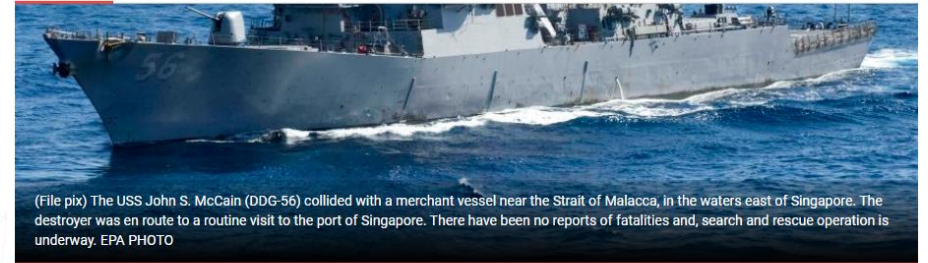


China, biggest importer of crude and natural gas, raises security warning to level three for its ships plying Straits of Malacca.

Source: The Star Online, 2019

Media Statement

(Update) US destroyer collision in Malacca Straits: 10 sailors missing, 5 injured



(File pix) The USS John S. McCain (DDG-56) collided with a merchant vessel near the Strait of Malacca, in the waters east of Singapore. The destroyer was en route to a routine visit to the port of Singapore. There have been no reports of fatalities and, search and rescue operation is underway. EPA PHOTO

By AFP - August 21, 2017 @ 9:55am

SINGAPORE: Ten US sailors were missing and five injured Monday after their destroyer collided with a tanker east of Singapore, in the second accident involving an American warship in two months.

The guided-missile destroyer USS John S. McCain collided with the merchant vessel Alnic MC near the Straits of Malacca in the early hours, the US Navy said.

"Initial reports indicate John S. McCain sustained damage to her port side aft," it said in a statement as the ship headed to port in Singapore.

RECOMMENDED

Carcass of Borneo pygmy elephant found in Tawau river

Moderate air quality in Joha Setia

MARC: Property overhang could erode banking asset quality

The Strait of Malacca, near where 10 U.S. sailors are missing after their vessel, the USS John S. McCain, collided Sunday with an oil tanker, has historically been one of the world's busiest shipping routes and chokepoints—and growing traffic in the waterway has resulted in recent warnings of the increased risk of accidents.

The strait connects the Pacific and Indian Oceans. Many of the world's largest economies, which are now concentrated in the Asia-Pacific region, use the channel for trade with the energy-rich Middle East and resource-rich Africa. The strait is one of the world's busiest: Nearly 100,000 vessels pass through it each year, accounting for about one-quarter of the world's traded goods.

Source: New Straits Time, 2017

Introduction of Customizable Alerting Platform (CAP)



Components:

1. Mobile App for users (front-end)
2. Desktop Version for users (front-end)
3. Dashboard monitoring for admin (back-end)



**Reporting
Platform**



**Source of
Information**



**Communication
Platform**



CAP Main Features



Report

Lodge any reports for enforcer actions.



SOS

Emergency signal and location for immediate assistance



Info Blast

Announcement and information content



Directory

List of agencies contact information



ShareLoc

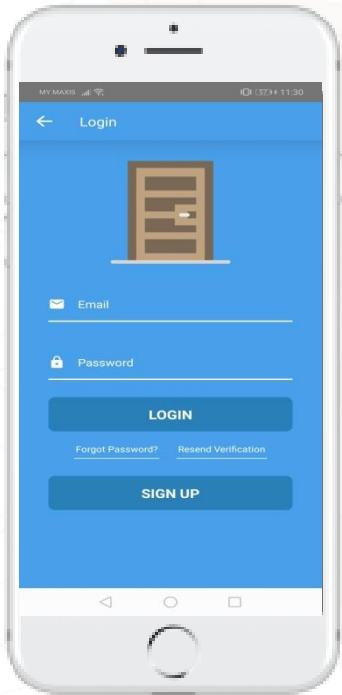
Real-time location Tracking (Upon user permission)



Chat Messenger

Two way communications between user and admin

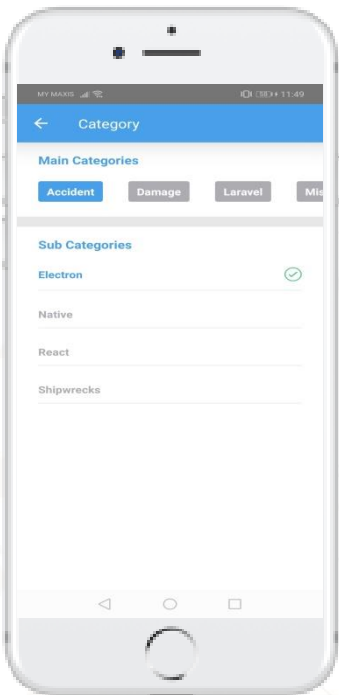
CAP Mobile App



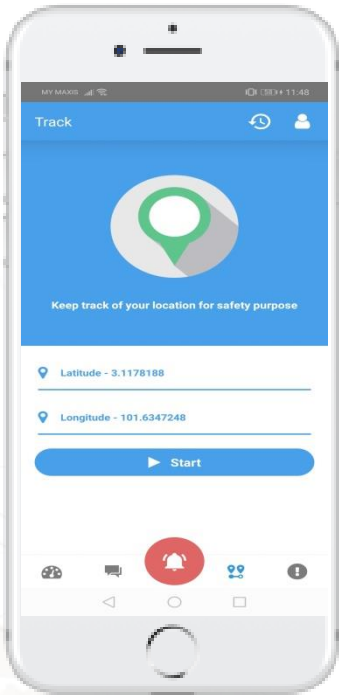
Login



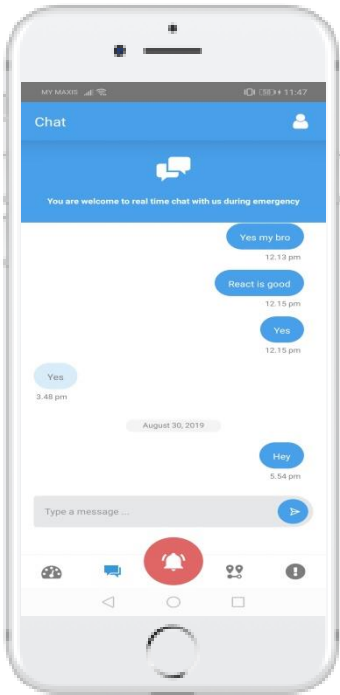
SOS



Report

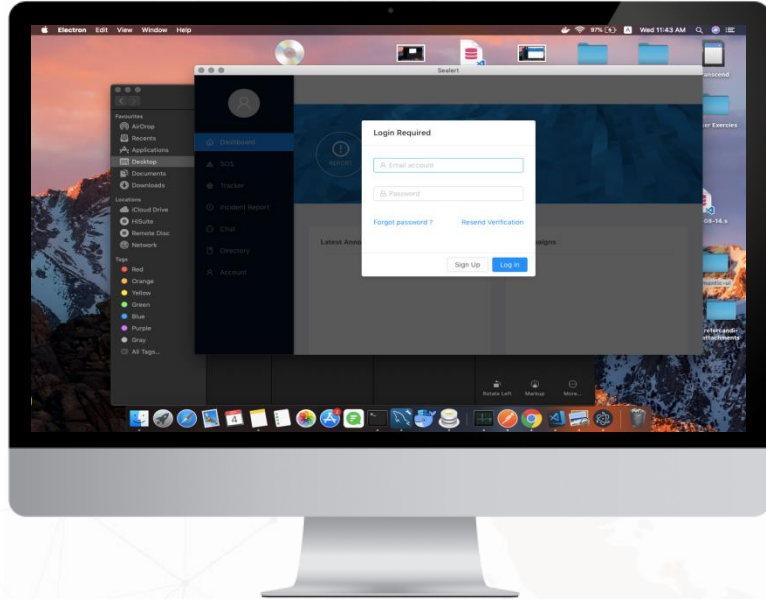


ShareLoc

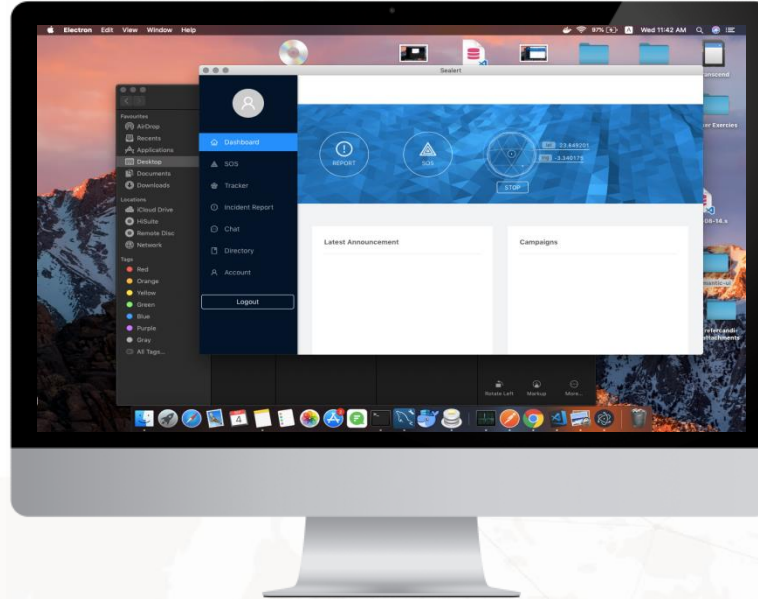


Chat

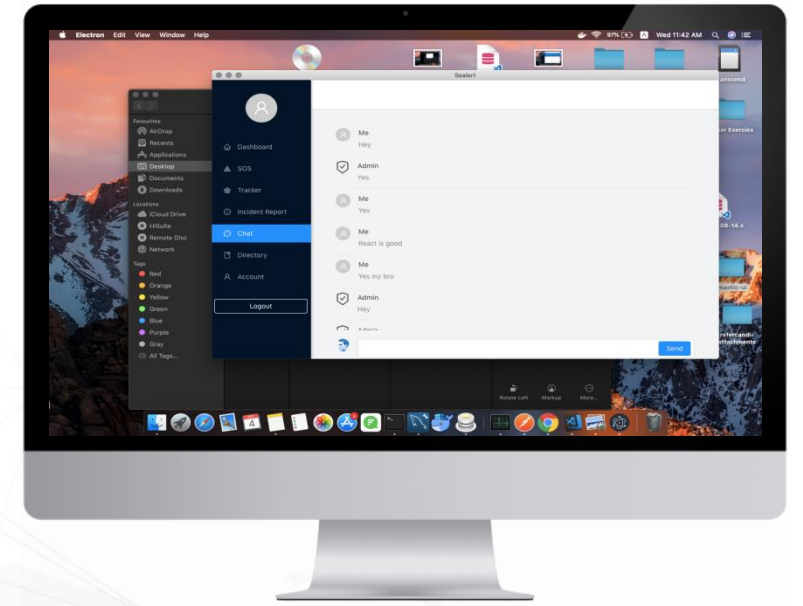
CAP Desktop App



Login

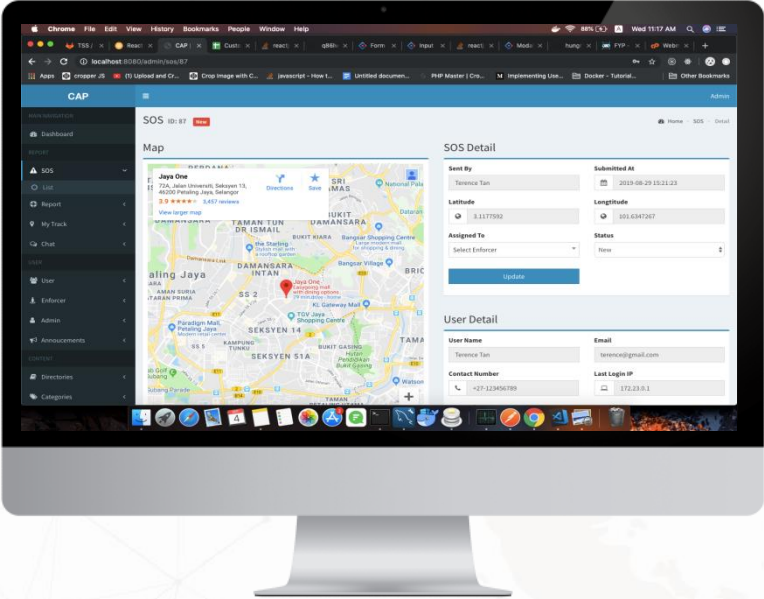


Home screen

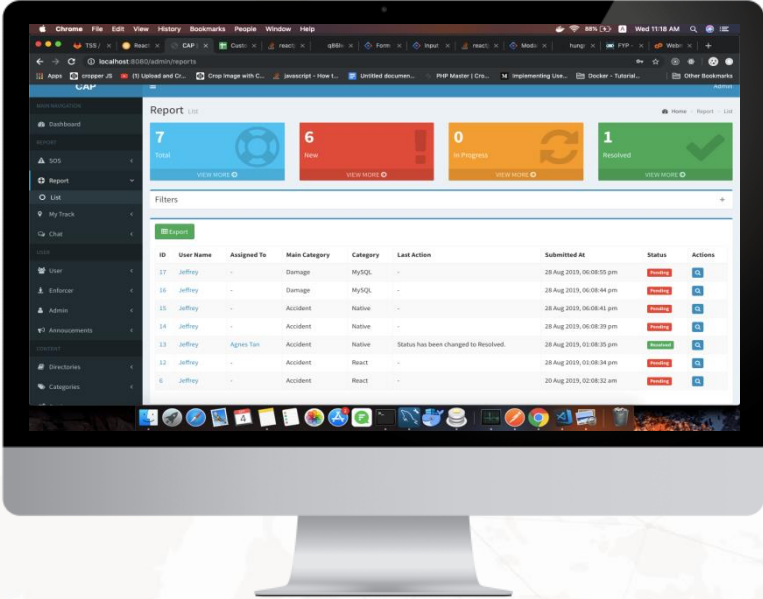


Chat Messenger

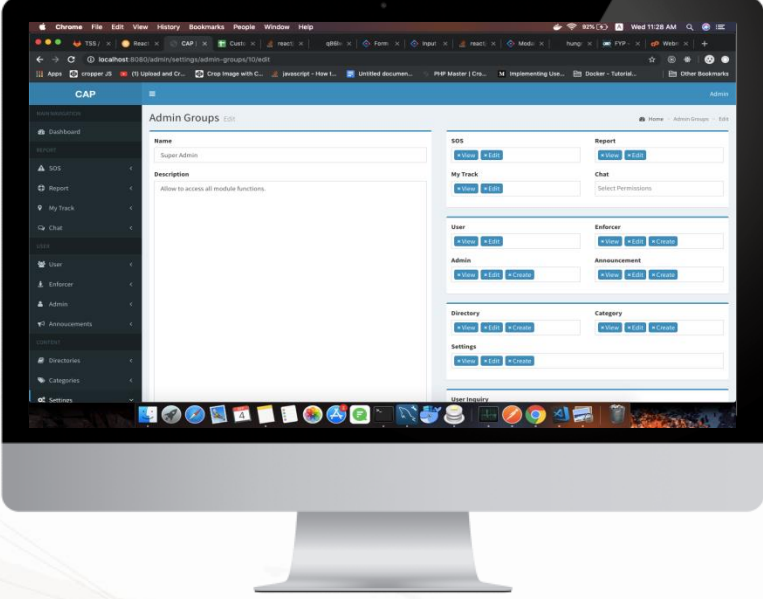
CAP Admin Dashboard



SOS

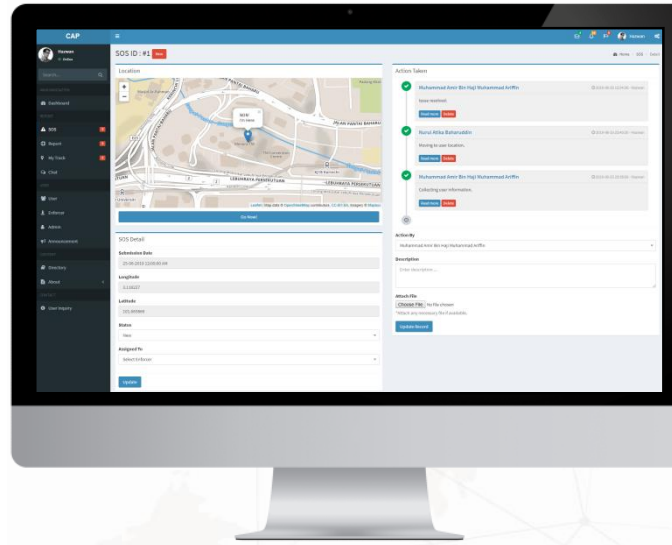


Report



Admin

CAP Admin Dashboard Element



**Managing
Users**



**Content
Authoring**



**Data
Input**



**Push
Messaging**



**Easy
Integrated**

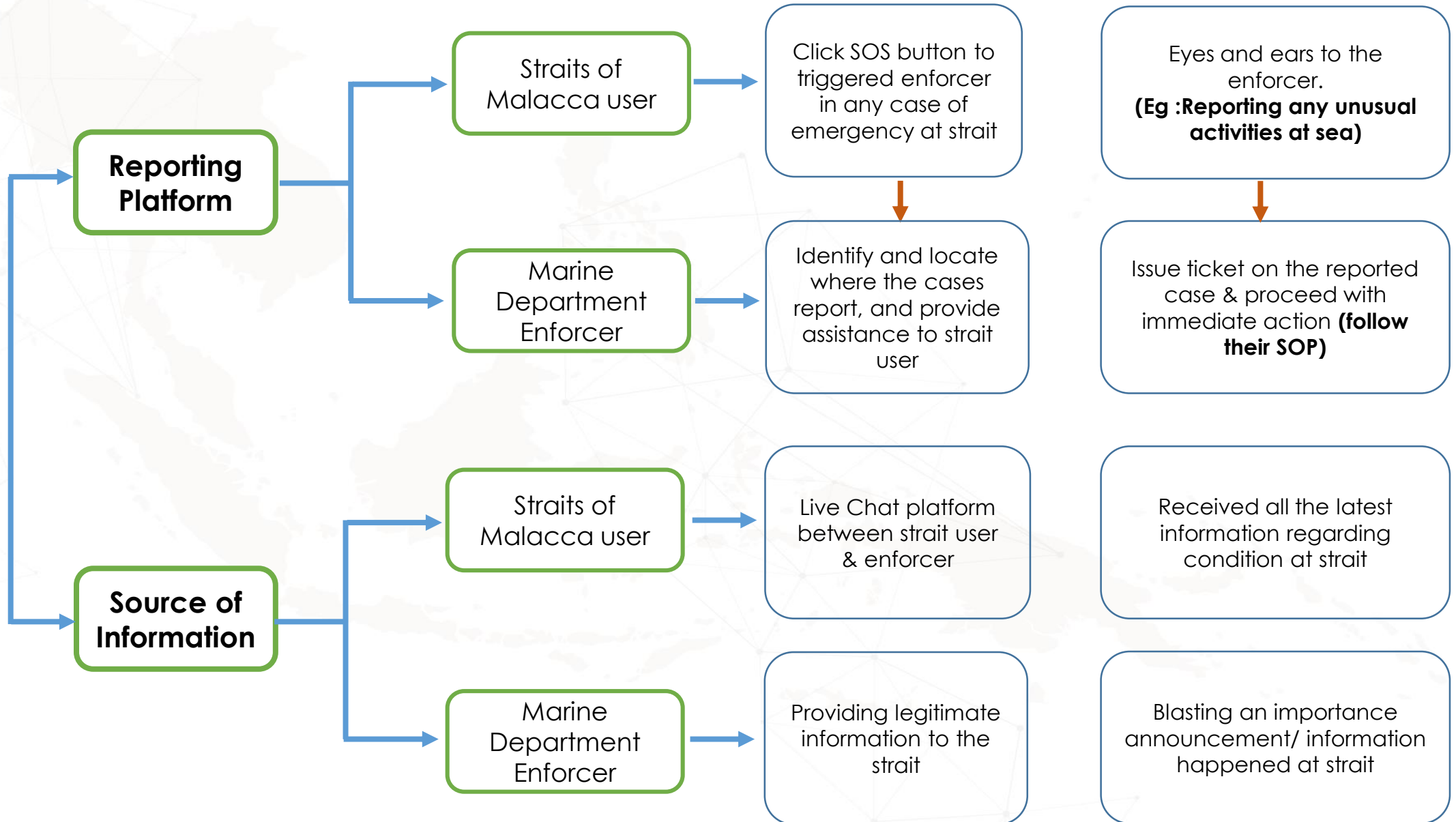


**Digital Asset
Management**

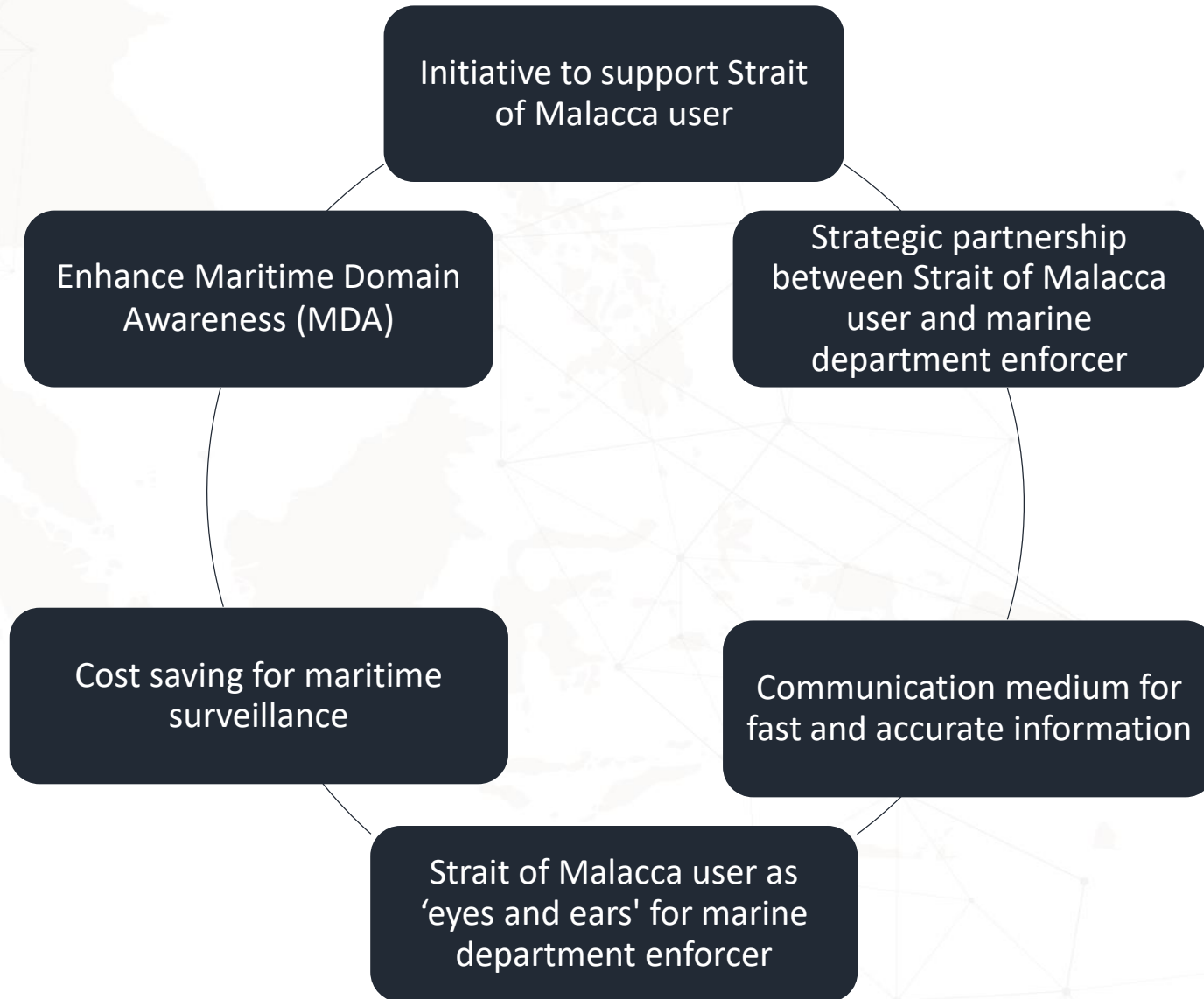
CAP-Go-Vertical Plan (Maritime Segment)



**Maritime
Segment**



CAP Objective for Maritime Segment



Target Users

CAP Mobile Application



Recreation



Fisheries



Tourism



Internet Connection

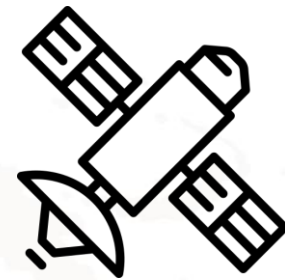
CAP Web Application



Oil & Gas

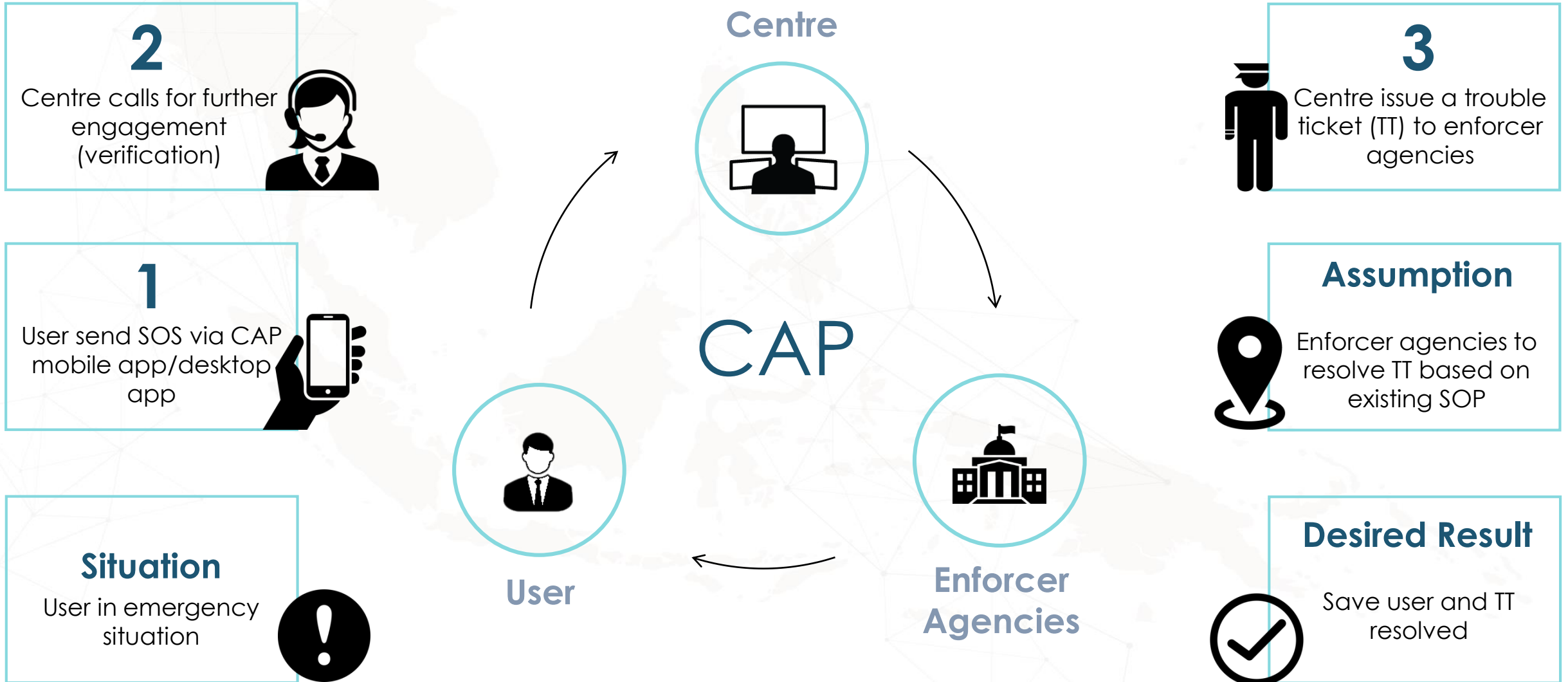


Shipping

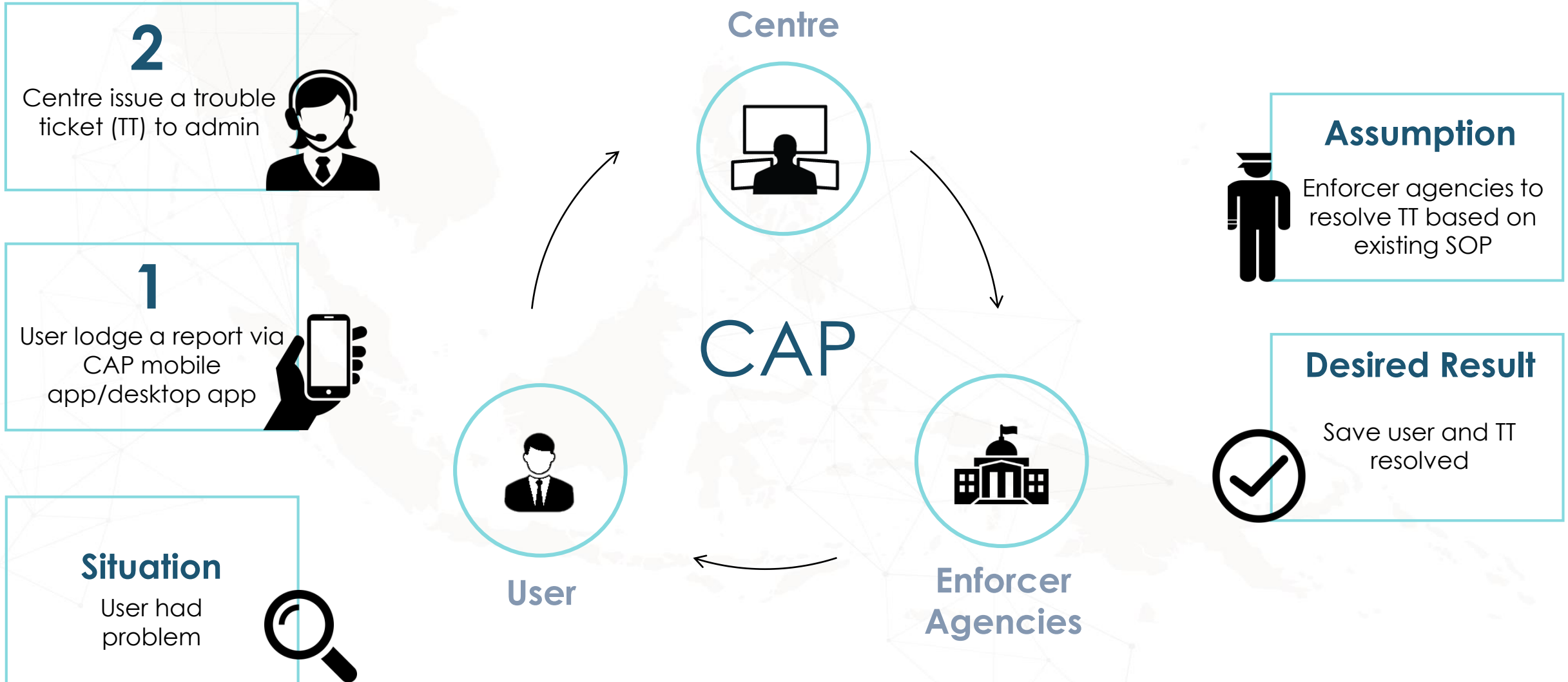


Satellite Connection

CAP Reporting Process - SOS



CAP Reporting Process - Report



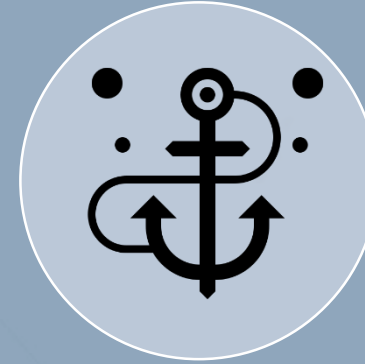
CAP Value Proposition

to STRAIT OF MALACCA USER



- Utilise a dedicated communication and reporting platform
- Increase Strait of Malacca user engagement and its inclusiveness
- Direct access to the marine department enforcer
- Creating awareness and safe Strait of Malacca user wherever they maybe

to MARINE DEPARTMENT



- Establish a safe, secure and systematic Strait of Malacca sea communication system
- To champion on providing communication and reporting services to all merchant vessels and ships in Strait of Malacca
- To be a leading world-class agency for maritime safety and also on conservation of marine environment
- Assisting on marine conservation towards quality development of international maritime policy

THANK YOU

