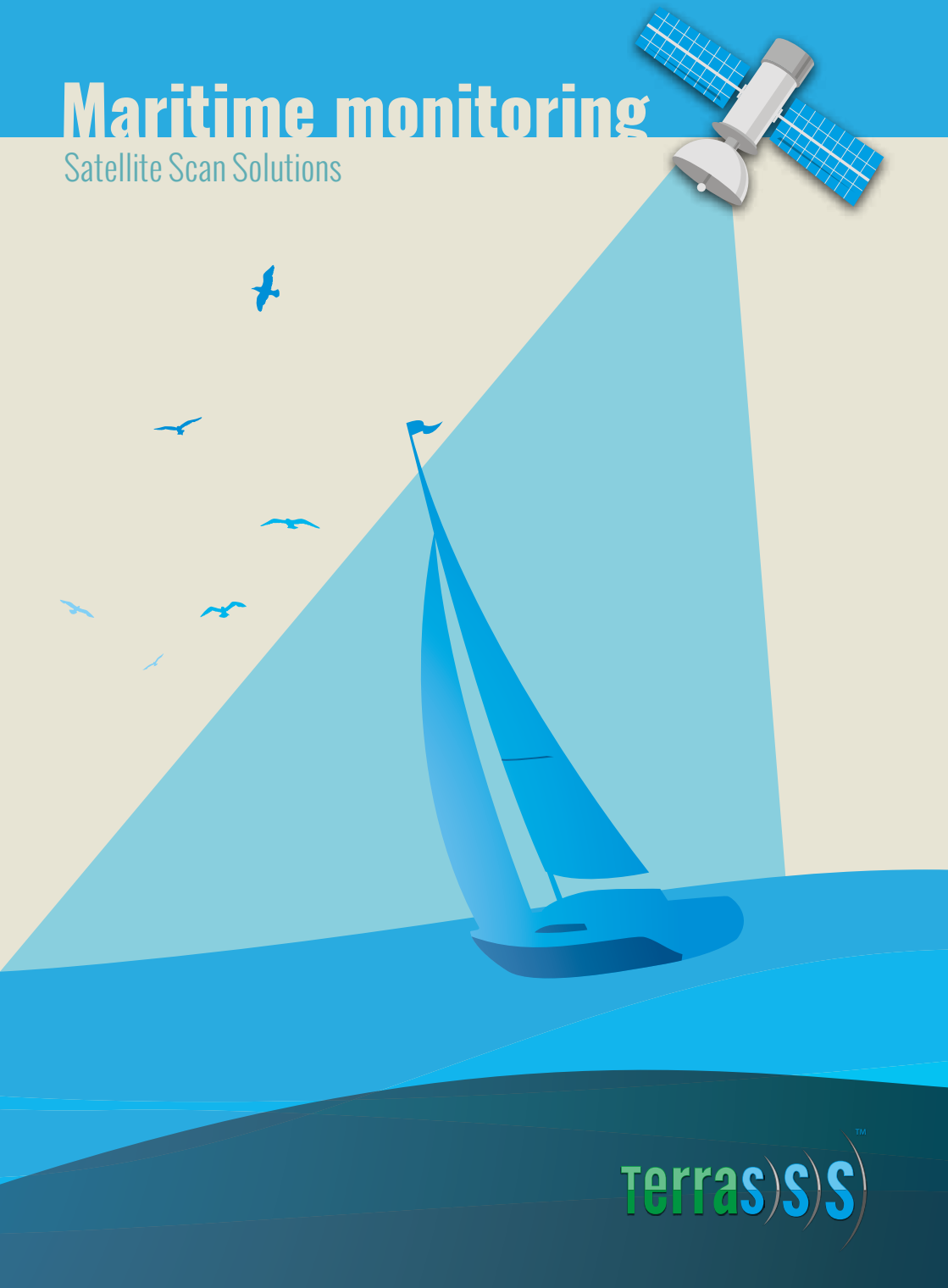
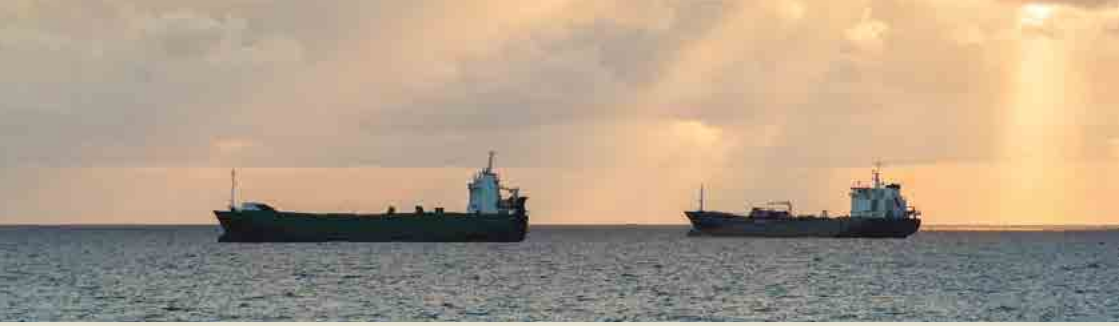
Maritime monitoring

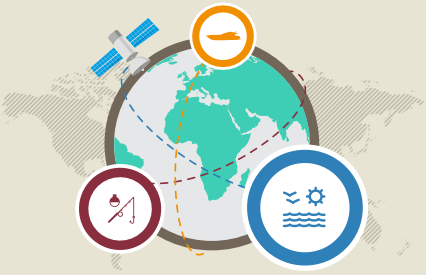
Satellite Scan Solutions



TerraSAS™

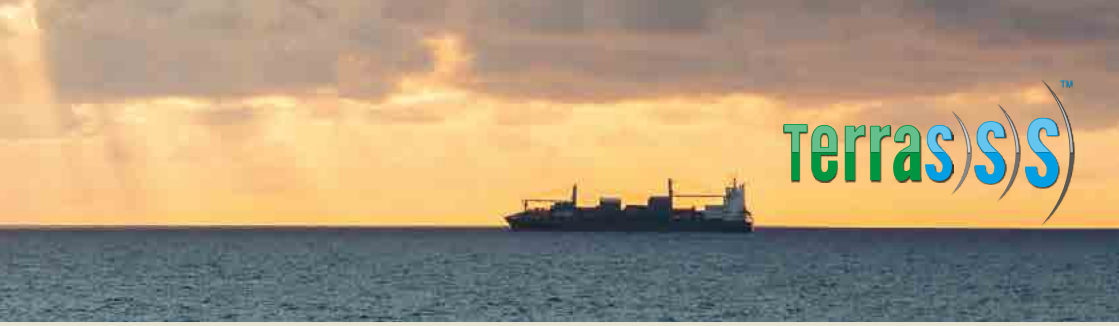


Satellites provide good platforms from which to detect activities in large remote marine areas; they can cover a large area at high resolution and images can be obtained quickly. Satellites are powerful tools, and are components of both military and civilian surveillance around the globe.



Satellite Scan Solutions (SSS) for Maritime monitoring allows safe access to remote locations and can therefore be used for a variety of maritime activities, such as locating and identifying vessels and detecting unlicensed fishing and illicit activities, monitoring of beaches, ports and port development and can also be effectively used to perform environmental shoreline monitoring.

SSS can help tackle the problems, by promoting a sustainable use of sea space and an efficient adaptation to its changes. Managing maritime areas requires integrating differing sectorial approaches in a coherent set of policies. In this respect, SSS has been overtaking the concept of Integrated Coastal Management (ICM).



Some of the most pristine marine ecosystems remaining on earth are in remote areas far from human population centres, within national jurisdiction or beyond. Unfortunately even these areas are under pressure from the effects of human activities.

Environmental conservation concerns are growing about the often-conflicting requirements of sectors such as shipping and transport at sea, coastal settlements and ports, offshore oil extraction and wind farms, fisheries and aquaculture, as well as recreation and tourism. Moreover, the effects of climate change - in particular the expected, and feared, sea level rise, higher temperatures and acidification, and frequency of extreme weather events - are likely to induce unknown instabilities into ecosystems and in socio-economic systems alike.

SSS should be used to manage ongoing activities and guide future development of our seas.

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