

Global Vessel Traffic Services (VTS) Market 2025 by Company, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Vessel Traffic Services (VTS) market size was valued at US\$ 299 million in 2024 and is forecast to a readjusted size of USD 403 million by 2031 with a CAGR of 4.4% during review period.

A vessel traffic service (VTS) is a marine traffic monitoring system established by harbor or port authorities, similar to air traffic control for aircraft. Typical VTS systems use radar, closed-circuit television (CCTV), VHF radiotelephony and automatic identification system to keep track of vessel movements and provide navigational safety in a limited geographical area.

VTS areas often consist of defined areas of waterway including fairways, routes, anchorages and areas of special interest. All of these factors are currently monitored by a human VTS operator. The provision of active background rule based monitoring within VTS equipment will be of significant benefit to VTS, this will provide an increased level of automated surveillance of maritime traffic and support to VTS operators. Such surveillance may consist of automatic monitoring against predefined parameters of track and speed. Such monitoring may even be increased to include 'what if' scenarios such as UKC monitoring. If sufficient live tidal data is combined with accurate electronic charting data, it would be feasible for the vessel's draft to be automatically monitored against the planned passage, and advance warning given of future constraints enabling early corrective action to be taken.

Globally, the vessel traffic services industry market concentrated as the manufacturing technology of vessel traffic services is relatively high. And some enterprises, like Signalis, Indra Company, Saab and Kongsberg and Transas, etc. are well-known for the

wonderful performance of their vessel traffic services and related services, with about 62% market shares.

This report is a detailed and comprehensive analysis for global Vessel Traffic Services (VTS) market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Vessel Traffic Services (VTS) market size and forecasts, in consumption value (\$ Million), 2020-2031

Global Vessel Traffic Services (VTS) market size and forecasts by region and country, in consumption value (\$ Million), 2020-2031

Global Vessel Traffic Services (VTS) market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2020-2031

Global Vessel Traffic Services (VTS) market shares of main players, in revenue (\$ Million), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Vessel Traffic Services (VTS)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Vessel Traffic Services (VTS) market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Signalis, Indra Company, Agilitas(Saab), Kongsberg,

W?rtsil?(Transas), Lockheed Martin, keiki, Frequentis, Vissim AS, SRT, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Vessel Traffic Services (VTS) market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

INS and NAS

TOS

Others

Market segment by Application

Port Service

Coastal Service

Others

Market segment by players, this report covers

Signalis

Indra Company

Agilitas(Saab)

Kongsberg

W?rtsil?(Transas)

Lockheed Martin

keiki

Frequentis

Vissim AS

SRT

Furuno

GEM elettronica

Mesemar

HAVELSAN Inc

ST Engineering

ELMAN Srl

in-innovative navigation GmbH

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Vessel Traffic Services (VTS) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Vessel Traffic Services (VTS), with revenue, gross margin, and global market share of Vessel Traffic Services (VTS) from 2020 to 2025.

Chapter 3, the Vessel Traffic Services (VTS) competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2020 to 2031

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2020 to 2025. and Vessel Traffic Services (VTS) market forecast, by regions, by Type and by Application, with consumption value, from 2026 to 2031.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Vessel Traffic Services (VTS).

Chapter 13, to describe Vessel Traffic Services (VTS) research findings and conclusion.

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