

Electronic Cartography Market by Application (Marine - Commercial and Defense, Aviation - Marine - Commercial and Defense), Components (Systems, Charts), Marine Electronic Navigation Systems (ECDIS, ECS), Aviation Electronic Navigation Systems (Very Large Aircrafts, Wide Body Aircrafts, Narrow Body Aircrafts), Marine Electronic Charts Licensing Mode (PAYS, Direct), Geography (APAC, Europe, North America, South America, Middle East and Africa) Forecast and Analysis, 2014-2020

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Abstracts

The electronic cartography market research report categorizes the global market on the basis of application, component, and geography for the forecast period from 2014 to 2020. In the application segment, the market is divided into the commercial and defense market. The report highlights the market size and the market share for these two applications, of which the commercial market contributes 54.26% to the electronic cartographic market.

The report also classifies the component segment into electronic navigation charts and electronic chart display systems. Further, the electronic marine navigation charts segment is classified into two sub-segments – PAYS and Direct – by licensing mode. The marine electronic chart display systems segment is further classified into two sub-segments – Electronic Chart Display and Information Systems (ECDIS) and Electronic Chart Systems (ECS)/Raster Chart Display Systems (RCDS). The aviation electronic chart display systems are segmented according to the aircraft body type. The regional

analysis for the electronic cartography marine and aviation market is provided in the report.

The market for Electronic Chart Display and Information Systems (ECDIS) is estimated to show significant growth during the forecast period. As the maritime industry is investing hugely in the demonstration and development of ECDIS, it is estimated to have maximum market share by 2020. The future of the electronic cartography market will be dominated by ECDIS for defense and commercial application.

The regional analysis offers the market share and size for the major regions of North America, Europe, Asia, the Middle East, South America, and Africa. During the forecast period, the market share for the regions of Asia and the Middle East is estimated to grow at a high CAGR.

The report offers information about the leading competitors in the electronic cartography market, the general overview of the companies, and also provides their financial position, key products, and market share.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES
- 1.2 REPORT DESCRIPTION
- 1.3 MARKETS COVERED
- 1.4 STAKEHOLDERS
- 1.5 RESEARCH METHODOLOGY
 - 1.5.1 MARKET CRACKDOWN & DATA TRIANGULATION
 - 1.5.2 KEY DATA TAKEN FROM SECONDARY SOURCES
 - 1.5.3 KEY DATA TAKEN FROM PRIMARY RESOURCES
 - 1.5.4 GENERAL ASSUMPTIONS MADE FOR THE REPORT
 - 1.5.5 KEY SECONDARY RESOURCES

2 EXECUTIVE SUMMARY

3 MARKET OVERVIEW

- 3.1 MARKET DEFINITION
- 3.2 MARKET OVERVIEW
- 3.3 MARKET SEGMENTATION
 - 3.3.1 ELECTRONIC CARTOGRAPHY MARINE MARKET SEGMENTATION
 - 3.3.2 ELECTRONIC CARTOGRAPHY AVIATION MARKET SEGMENTATION
- 3.4 MARKET DYNAMICS
 - 3.4.1 ELECTRONIC CARTOGRAPHY MARINE MARKET DYNAMICS
 - 3.4.1.1 Drivers
 - 3.4.1.1.1 Safety at sea and protection to the environment
 - 3.4.1.1.2 Official requirements set by the IMO (International Maritime Organization)
 - 3.4.1.1.3 Need for greater accuracy and constant updating of charts
 - 3.4.1.1.4 Ability to access the ENC data
 - 3.4.1.2 Impact analysis for drivers
 - 3.4.1.3 Restraints
 - 3.4.1.3.1 Lack of expertise
 - 3.4.1.3.2 Acceptance of the electronic navigation systems and charts
 - 3.4.1.3.3 Requirement of specialized training
 - 3.4.1.4 Impact analysis for restraints
 - 3.4.1.5 Challenges
 - 3.4.1.5.1 Positioning and updating the systems

- 3.4.1.5.2 Regulations and policies
- 3.4.1.5.3 High costs
- 3.4.1.5.4 Authenticity and security of the data
- 3.4.1.5.5 Mode of communication when at sea
- 3.4.1.6 Opportunities
 - 3.4.1.6.1 Growth in the maritime industry of the emerging economies
 - 3.4.1.6.2 ENC data globe coverage quality of the ENC data
 - 3.4.1.6.3 Specialized training programs
- 3.4.2 ELECTRONIC CARTOGRAPHY AVIATION MARKET DYNAMICS
 - 3.4.2.1 Drivers
 - 3.4.2.1.1 Increasing the safety and efficiency of navigation.
 - 3.4.2.1.2 Need for constant updating of charts and access to the navigation database
 - 3.4.2.1.3 Increase in demand of aircrafts
 - 3.4.2.1.4 Need for fuel efficient systems
 - 3.4.2.2 Impact analysis of drivers
 - 3.4.2.3 Restraints
 - 3.4.2.3.1 Late deliveries of aircrafts
 - 3.4.2.3.2 Slow economic growth of the major countries
 - 3.4.2.4 Impact analysis for restraints
 - 3.4.2.5 Challenges
 - 3.4.2.5.1 The multi-function displays used in the flight management displays
 - 3.4.2.5.2 Complexity of the systems
 - 3.4.2.6 Opportunities
 - 3.4.2.6.1 Growth in the aviation industry of the emerging economies
 - 3.4.2.6.2 Technological developments to improve the functionality of the systems

4 TREND ANALYSIS

4.1 MARKET TRENDS

- 4.1.1 INCREASE IN DEMAND FOR ELECTRONIC CHARTS
- 4.1.2 SPENDING ON ENC DATA PRODUCTION IS SET TO INCREASE
- 4.1.3 DEVELOPMENT OF RETROFIT SYSTEMS

4.2 INDUSTRY TRENDS

- 4.2.1 NEED FOR A COMMON ELECTRONIC CHARTS PLATFORM
- 4.2.2 STRATEGIC PARTNERSHIPS BETWEEN SYSTEM AND CHARTS MANUFACTURERS

4.3 TECHNOLOGY TRENDS

- 4.3.1 MERGING OF ENC DATA WITH DATA FROM OTHER NAVIGATION

SYSTEMS

4.3.2 DEVELOPMENT OF ELECTRONIC CHART DISPLAY SYSTEMS WITH REDUCED COMPLEXITY

4.3.3 DEVELOPMENT OF NEXTGEN SYSTEMS

4.3.4 DEVELOPMENT OF SYNTHETIC VISION DISPLAYS

5 GLOBAL ELECTRONIC CARTOGRAPHY MARKET SHARE ANALYSIS

5.1 INTRODUCTION

5.2 ELECTRONIC CARTOGRAPHY MARKET SIZE ANALYSIS,

5.3 APPLICATION ANALYSIS

5.3.1 ELECTRONIC CARTOGRAPHY MARINE MARKET, BY APPLICATION

5.3.2 ELECTRONIC CARTOGRAPHY AVIATION MARKET, BY APPLICATION

5.4 COMPONENT ANALYSIS

5.4.1 ELECTRONIC CARTOGRAPHY MARINE (COMMERCIAL) MARKET, BY COMPONENTS

5.4.1.1 Electronic cartography marine (commercial) components market, by systems

5.4.1.2 Electronic cartography marine (commercial) components market, by charts

5.4.2 ELECTRONIC CARTOGRAPHY AVIATION MARKET, BY COMPONENTS

5.4.2.1 Electronic cartography aviation components market, by systems

6 ELECTRONIC CARTOGRAPHY MARKET, GEOGRAPHIC ANALYSIS

6.1 NORTH AMERICA

6.2 ASIA

6.3 THE MIDDLE EAST

6.4 EUROPE

6.5 AFRICA

6.6 LATIN AMERICA

7 MARKET ANALYSIS, BY COUNTRY

7.1 THE U.S.

7.2 RUSSIA

7.3 CHINA

7.4 JAPAN

7.5 INDIA

7.6 AUSTRALIA

7.7 U.K.

7.8 GERMANY

7.9 FRANCE

7.10 BRAZIL

8 COMPETITIVE LANDSCAPE

8.1 OVERVIEW

8.2 GEOGRAPHICAL ANALYSIS

8.3 COMPETITIVE ANALYSIS

8.4 RECENT INDUSTRY DEVELOPMENTS, COMPETITIVE SITUATION AND TRENDS

8.4.1 RECENT INDUSTRY DEVELOPMENTS, COMPETITIVE SITUATION & TRENDS

9 COMPANY PROFILES (OVERVIEW, FINANCIALS, PRODUCTS & SERVICES, STRATEGY, AND DEVELOPMENTS)*

9.1 HONEYWELL

9.2 THALES

9.3 JEPPESEN

9.4 UNIVERSAL AVIONICS

9.5 ROCKWELL COLLINS

9.6 TRANSAS MARINE

9.7 NORTHROP GRUMMAN CORPORATION

9.8 NAVIONICS

9.9 GARMIN

9.10 LUFTHANSA SYSTEMS AG

9.11 IIC TECHNOLOGIES

*Details on overview, financials, product & services, strategy, and developments might not be captured in case of unlisted companies.

List Of Tables

LIST OF TABLES

- TABLE 1 GENERAL ASSUMPTIONS, TERMINOLOGIES, & APPLICATION KEYNOTES
- TABLE 2 KEY SECONDARY RESOURCES
- TABLE 3 GLOBAL ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013–2020 (\$MILLION)
- TABLE 4 ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)
- TABLE 5 ELECTRONIC CARTOGRAPHY MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)
- TABLE 6 ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)
- TABLE 7 ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)
- TABLE 8 ELECTRONIC CARTOGRAPHY MARINE (COMMERCIAL) MARKET SIZE, BY COMPONENTS, 2013-2020 (\$ MILLION)
- TABLE 9 ELECTRONIC CARTOGRAPHY MARINE (COMMERCIAL) MARKET SIZE, BY SYSTEMS, 2013-2020 (\$MILLION)
- TABLE 10 ELECTRONIC CARTOGRAPHY MARINE (COMMERCIAL) MARKET SIZE, BY CHART, 2013-2020 (\$MILLION)
- TABLE 11 ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY COMPONENT, 2013-2020 (\$MILLION)
- TABLE 12 ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY SYSTEM, 2013-2020 (\$MILLION)
- TABLE 13 ELECTRONIC CARTOGRAPHY MARKET SIZE, BY GEOGRAPHY, 2013-2020 (\$MILLION)
- TABLE 14 NORTH AMERICA: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)
- TABLE 15 NORTH AMERICA: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)
- TABLE 16 NORTH AMERICA: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)
- TABLE 17 ASIA: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)
- TABLE 18 ASIA: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)
- TABLE 19 ASIA: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY

APPLICATION, 2013-2020 (\$MILLION)

TABLE 20 THE MIDDLE EAST: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 21 THE MIDDLE EAST: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 22 THE MIDDLE EAST: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 23 EUROPE: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 24 EUROPE: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 25 EUROPE: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 26 AFRICA: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 27 AFRICA: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 28 AFRICA: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 29 LATIN AMERICA: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 30 LATIN AMERICA: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 31 LATIN AMERICA: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 32 THE U.S.: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 33 THE U.S.: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 34 THE U.S.: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 35 RUSSIA: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 36 RUSSIA: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 37 RUSSIA: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 38 CHINA: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 39 CHINA: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 40 CHINA: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 41 JAPAN: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 42 JAPAN: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 43 JAPAN: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 44 INDIA: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 45 INDIA: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION 2013-2020 (\$MILLION)

TABLE 46 INDIA: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 47 AUSTRALIA: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 48 AUSTRALIA: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 49 AUSTRALIA: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 50 U.K.: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 51 U.K.: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 52 U.K.: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 53 GERMANY: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 54 GERMANY: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 55 GERMANY: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 56 FRANCE: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020 (\$MILLION)

TABLE 57 FRANCE: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY APPLICATION, 2013-2020 (\$MILLION)

TABLE 58 FRANCE: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY

APPLICATION, 2013-2020 (\$MILLION)

TABLE 59 BRAZIL: ELECTRONIC CARTOGRAPHY MARKET SIZE, 2013-2020
(\$MILLION)

TABLE 60 BRAZIL: ELECTRONIC CARTOGRAPHY MARINE MARKET SIZE, BY
APPLICATION, 2013-2020 (\$MILLION)

TABLE 61 BRAZIL: ELECTRONIC CARTOGRAPHY AVIATION MARKET SIZE, BY
APPLICATION, 2013-2020 (\$MILLION)

About

The electronic cartography market is estimated to be \$xx million in 2014 and is expected to register a CAGR of xx% to reach \$xx million by 2020.

The electronic cartography marine market is going to experience a boom in the systems segment, due to the IMO regulations for ships undertaking international voyages. The ship building industry plays a major role in this segment. The need to update the existing ships with electronic chart display systems is going to lead the increase in demand for the electronic cartography marine market until 2018. The market for electronic chart display systems will be driven by the ship building industry, aircraft deliveries and the technological innovations and developments in the industry.

The increasing trend towards electronic navigation for reducing the usage of paper charts is the driving force for electronic navigation chart systems. The ease of updating electronic charts and instant access whenever required, are the forces, which are causing the transition from paper charts to digital charts. The market for electronic navigation charts is on the positive side of the growth index. The efficiency of the communication channels when at sea proves to be a major hindrance to the marine market.

The electronic cartography industry will witness the need to constantly update the electronic charts with greater accuracy and efficiency in terms of data presentation in the required format for display. Till date, 82% of the globe is covered by the ENC data required by the electronic chart display systems especially ECDIS (Electronic Chart Display And Information Systems), in marine navigation.

The Asia-Pacific region will grow in leaps and bounds with respect to the electronic cartography marine and aviation market, for the years forecast. The emerging economies are the major markets, which will witness a growth in the shipping and aviation industry. The graph for growth of the electronic cartography market in the North American region will have a flat slope over the forecast period. The major players in the European region in the marine industry will see a steady increase in the demand in the electronic cartography market, as the market is steadily recovering from the economic crises. It is estimated that the market will see a progressive increase in the spending over the forecasted years.

The market is witnessing a steady increase in product offerings with respect to the

technological changes. The major players are Jeppesen (U.S), Transas Marine (Sweden), Northrop Grumman (U.S.), Furuno (Japan), Honeywell (U.S.), Thales (France), Navionics (U.S.), Rockwell Collins (U.S.), and IIC Technologies. The companies are reforming their pricing strategies for the product offerings to suit the needs of the customer. The market can witness competition from regional players in the future.

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