

Integrated Marine Automation System Market Size, Share & Trends Analysis Report By Offering (Hardware, Software), By Solution, By End Use (Commercial, Defense), By Region, And Segment Forecasts, 2024 - 2030

<https://marketpublishers.com/r/I37A58066911EN.html>

Date: July 2024

Pages: 120

Price: US\$ 4,950.00 (Single User License)

ID: I37A58066911EN

Abstracts

This report can be delivered to the clients within 5 Business Days

Market Size & Trends

The global integrated marine automation system market size was estimated at USD 6.06 billion in 2023 and is expected to grow at a CAGR of 8.9% from 2024 to 2030. The maritime industry is experiencing a significant shift towards increased efficiency, safety, and environmental sustainability. At the forefront of this transformation lies integrated marine automation systems (IMAS). These complex networks act as the brain of a modern ship, integrating control and monitoring of all critical onboard functionalities.

An IMAS can be visualized as a central hub that gathers real-time data from various sensors located throughout the vessel. These sensors track engine performance, navigation systems, cargo conditions, and even environmental factors. The data is then processed by a central processing unit (CPU), which makes decisions based on pre-programmed algorithms. It then transmits instructions to control systems throughout the ship. Crews interact with the system through a user-friendly interface, allowing them to monitor performance, receive alerts, and intervene when needed.

Several key factors fuel the growth of IMAS. The global expansion of trade demands larger and more efficient vessels, and IMAS plays a crucial role in optimizing operations

and fuel consumption. In addition, the need for enhanced situational awareness at sea necessitates real-time data and comprehensive system monitoring, which IMAS provides. Furthermore, the growing pressure to reduce emissions and improve fuel efficiency aligns perfectly with the capabilities of IMAS. Advancements in software and automation are making these systems ever more sophisticated and user-friendly.

However, implementing IMAS has its challenges. The initial investment and ongoing maintenance costs for these complex systems can be high. In addition, the increased reliance on digital technology introduces new vulnerabilities to cyberattacks. Robust security measures are essential to protect critical shipboard functions. The most significant challenge lies in the need for a skilled workforce. Operating and maintaining IMAS requires specialized technical knowledge, and training programs are crucial for successful adoption.

IMAS aligns perfectly with the industry's commitment to environmental sustainability. These systems facilitate data-driven decision-making, leading to improved fuel efficiency, optimized route planning, and reduced operating costs. Furthermore, IMAS contributes to a safer operational environment and environmental sustainability by providing automatic monitoring, reducing human error, and optimizing fuel consumption for reduced emissions. Looking ahead, IMAS serves as the foundation for integrating autonomous functionalities, paving the way for a more efficient and sustainable maritime landscape.

Global Integrated Marine Automation System Market Report Segmentation

The report forecasts revenue growth at global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the integrated marine automation system market based on offering, solution, end use, and region.

Offering Outlook (Revenue, USD Million, 2018 - 2030)

Hardware

Software

Solution Outlook (Revenue, USD Million, 2018 - 2030)

Vessel Management

Power Management

Safety System

Others

End Use Outlook (Revenue, USD Million, 2018 - 2030)

Commerce

Defense

Regional Outlook (Revenue, USD Million, 2018 - 2030)

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Italy

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

Latin America

Brazil

Middle East & Africa (MEA)

United Arab Emirates (UAE)

Kingdom of Saudi Arabia (KSA)

South Africa

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation & Scope
- 1.2. Market Definitions
- 1.3. Information Procurement
- 1.4. Information Analysis
 - 1.4.1. Market Formulation & Data Visualization
 - 1.4.2. Data Validation & Publishing
- 1.5. Research Scope and Assumptions
- 1.6. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segmental Outlook
- 2.3. Competitive Landscape Snapshot

CHAPTER 3. MARKET VARIABLES, TRENDS, AND SCOPE

- 3.1. Market Lineage Outlook
- 3.2. Industry Value Chain Analysis
- 3.3. Market Dynamics
 - 3.3.1. Market Driver Impact Analysis
 - 3.3.2. Market Restraint Impact Analysis
 - 3.3.3. Market Opportunity Impact Analysis
- 3.4. Industry Analysis Tools
 - 3.4.1. Porter's Analysis
 - 3.4.2. PESTEL Analysis

CHAPTER 4. INTEGRATED MARINE AUTOMATION SYSTEM MARKET: OFFERING ESTIMATES & TREND ANALYSIS

- 4.1. Offering Movement Analysis & Market Share, 2023 & 2030
- 4.2. Integrated Marine Automation System Market Estimates & Forecast, By Offering
 - 4.2.1. Hardware
 - 4.2.2. Software

CHAPTER 5. INTEGRATED MARINE AUTOMATION SYSTEM MARKET: SOLUTION ESTIMATES & TREND ANALYSIS

- 5.1. Solution Movement Analysis & Market Share, 2023 & 2030
- 5.2. Integrated Marine Automation System Market Estimates & Forecast, By Solution
 - 5.2.1. Vessel Management
 - 5.2.2. Power Management
 - 5.2.3. Safety System
 - 5.2.4. Others

CHAPTER 6. INTEGRATED MARINE AUTOMATION SYSTEM MARKET: END USE ESTIMATES & TREND ANALYSIS

- 6.1. End Use Movement Analysis & Market Share, 2023 & 2030
- 6.2. Integrated Marine Automation System Market Estimates & Forecast, By End Use
 - 6.2.1. Commercial
 - 6.2.2. Defense

CHAPTER 7. INTEGRATED MARINE AUTOMATION SYSTEM MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

- 7.1. Integrated Marine Automation System Market: Regional Outlook
- 7.2. North America
 - 7.2.1. North America Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)
 - 7.2.2. U.S.
 - 7.2.2.1. U.S. Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)
 - 7.2.3. Canada
 - 7.2.3.1. Canada Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)
 - 7.2.4. Mexico
 - 7.2.4.1. Mexico Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)
- 7.3. Europe
 - 7.3.1. Europe Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)
 - 7.3.2. Germany
 - 7.3.2.1. Germany Integrated Marine Automation System market estimates &

forecasts, 2018 - 2030 (USD Million)

7.3.3. Germany

7.3.3.1. Germany Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.3.4. UK

7.3.4.1. UK Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.3.5. France

7.3.5.1. France Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.4. Asia Pacific

7.4.1. Asia Pacific Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.4.2. China

7.4.2.1. China Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.4.3. India

7.4.3.1. India Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.4.4. Japan

7.4.4.1. Japan Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.4.5. Australia

7.4.5.1. Australia Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.4.6. South Korea

7.4.6.1. South Korea Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.5. Latin America

7.5.1. Latin America Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.5.2. Brazil

7.5.2.1. Brazil Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.6. Middle East and Africa (MEA)

7.6.1. Middle East and Africa (MEA) Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.6.2. United Arab Emirates (UAE)

7.6.2.1. United Arab Emirates (UAE) Integrated Marine Automation System market

estimates & forecasts, 2018 - 2030 (USD Million)

7.6.3. Kingdom of Saudi Arabia (KSA)

7.6.3.1. Kingdom of Saudi Arabia (KSA) Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

7.6.4. South Africa

7.6.4.1. South Africa Integrated Marine Automation System market estimates & forecasts, 2018 - 2030 (USD Million)

CHAPTER 8. COMPETITIVE LANDSCAPE

8.1. Company Categorization

8.2. Financial Performance

8.3. Product Benchmarking

8.4. Company Market Share Analysis, 2023

8.5. Strategy Mapping

8.5.1. Expansion

8.5.2. Collaborations

8.5.3. Mergers & Acquisitions

8.5.4. Product Launches

8.5.5. Partnerships

8.5.6. Others

8.6. Company List

8.6.1. ABB

8.6.2. Blue Ctrl AS

8.6.3. Emerson Electric Co.

8.6.4. H?glund AS

8.6.5. Honeywell International Inc.

8.6.6. INGETEAM, S.A.

8.6.7. Jason Marine Group

8.6.8. Kongsberg Gruppen ASA

8.6.9. L3Harris Technologies, Inc.

8.6.10. Moxa Inc.

8.6.11. SEAM AS

8.6.12. Siemens AG

8.6.13. Thales Group

8.6.14. Ulstein Group ASA

8.6.15. W?rtsil?

List Of Tables

LIST OF TABLES

Table 1 Integrated Marine Automation System market, 2018 - 2030 (USD Million)
Table 2 Global market estimates and forecasts, by region, 2018 - 2030 (USD Million)
Table 3 Global market estimates and forecasts, by offering, 2018 - 2030 (USD Million)
Table 4 Global market estimates and forecasts, by Solution, 2018 - 2030 (USD Million)
Table 5 Global market estimates and forecasts, by End Use, 2018 - 2030 (USD Million)
Table 6 Hardware Integrated Marine Automation System market, by region, 2018 - 2030 (USD Million)
Table 7 Software Integrated Marine Automation System market, by region, 2018 - 2030 (USD Million)
Table 8 Vessel Management Integrated Marine Automation System market, by region, 2018 - 2030 (USD Million)
Table 9 Power Management Marine Automation System market, by region, 2018 - 2030 (USD Million)
Table 10 Safety System Marine Automation System market, by region, 2018 - 2030 (USD Million)
Table 11 Others Integrated Marine Automation System market, by region, 2018 - 2030 (USD Million)
Table 12 Commercial Integrated Marine Automation System market, by region, 2018 - 2030 (USD Million)
Table 13 Defense Integrated Marine Automation System market, by region, 2018 - 2030 (USD Million)
Table 14 North America Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)
Table 15 North America Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)
Table 16 North America Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)
Table 17 U.S. Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)
Table 18 U.S. Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)
Table 19 U.S. Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)
Table 20 Canada Integrated Marine Automation System market, by offering, 2018 -

2030 (USD Million)

Table 21 Canada Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 22 Canada Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 23 Mexico Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 24 Mexico Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 25 Mexico Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 26 Europe Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 27 Europe Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 28 Europe Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 29 Germany Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 30 Germany Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 31 Germany Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 32 UK Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 33 UK Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 34 UK Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 35 France Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 36 France Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 37 France Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 38 Italy Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 39 Italy Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 40 Italy Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 41 Spain Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 42 Spain Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 43 Spain Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 44 Asia Pacific Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 45 Asia Pacific Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 46 Asia Pacific Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 47 China Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 48 China Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 49 China Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 50 India Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 51 India Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 52 India Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 53 Japan Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 54 Japan Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 55 Japan Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 56 Australia Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 57 Australia Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 58 Australia Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 59 South Korea Integrated Marine Automation System market, by offering, 2018 -

2030 (USD Million)

Table 60 South Korea Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 61 South Korea Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 62 Latin America Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 63 Latin America Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 64 Latin America Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 65 Brazil Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 66 Brazil Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 67 Brazil Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 68 Middle East & Africa Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 69 Middle East & Africa Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 70 Middle East & Africa Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 71 United Arab Emirates (UAE) Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 72 United Arab Emirates (UAE) Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 73 United Arab Emirates (UAE) Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 74 Kingdom of Saudi Arabia (KSA) Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 75 Kingdom of Saudi Arabia (KSA) Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 76 Kingdom of Saudi Arabia (KSA) Integrated Marine Automation System market, by End Use, 2018 - 2030 (USD Million)

Table 77 South Africa Integrated Marine Automation System market, by offering, 2018 - 2030 (USD Million)

Table 78 South Africa Integrated Marine Automation System market, by Solution, 2018 - 2030 (USD Million)

Table 79 South Africa Integrated Marine Automation System market, by End Use, 2018
- 2030 (USD Million)

Table 80 Company Market Share, 2023

Table 81 Key companies undergoing expansion

Table 82 Key companies undergoing collaborations

Table 83 Key companies undergoing new product launch

Table 84 Key companies undergoing mergers & acquisitions

Table 85 Key companies undergoing other strategies

List Of Figures

LIST OF FIGURES

- Fig. 1 Tension Control Market Segmentation
- Fig. 2 Information Procurement
- Fig. 3 Data Analysis Models
- Fig. 4 Market Formulation and Validation
- Fig. 5 Data Validating & Publishing
- Fig. 6 Market Snapshot
- Fig. 7 Segment Snapshot, by Type and Component
- Fig. 8 Segment Snapshot, by Application
- Fig. 9 Competitive Landscape Snapshot
- Fig. 10 Tension Control Market Value, 2017 - 2030 (USD Million)
- Fig. 11 Tension Control Market - Industry Value Chain Analysis
- Fig. 12 Tension Control Market - Market Trends
- Fig. 13 Tension Control Market: Porter's Analysis
- Fig. 14 Tension Control Market: PESTEL Analysis
- Fig. 15 Tension Control Market, By Type: Key Takeaways
- Fig. 16 Tension Control Market, By Type: Market Share, 2023 & 2030
- Fig. 17 Tension Control Market Estimates & Forecasts, By Automated, 2017 - 2030 (USD Million)
- Fig. 18 Tension Control Market Estimates & Forecasts, By Manual, 2017 - 2030 (USD Million)
- Fig. 19 Tension Control Market, By Component: Key Takeaways
- Fig. 20 Tension Control Market, By Component: Market Share, 2023 & 2030
- Fig. 21 Tension Control Market Estimates & Forecasts, By Load Cell, 2017 - 2030 (USD Million)
- Fig. 22 Tension Control Market Estimates & Forecasts, By Controller, 2017 - 2030 (USD Million)
- Fig. 23 Tension Control Market Estimates & Forecasts, By Diameter Sensor, 2017 - 2030 (USD Million)
- Fig. 24 Tension Control Market Estimates & Forecasts, By Clutch, 2017 - 2030 (USD Million)
- Fig. 25 Tension Control Market Estimates & Forecasts, By Brake, 2017 - 2030 (USD Million)
- Fig. 26 Tension Control Market Estimates & Forecasts, By Dancer Roller, 2017 - 2030 (USD Million)

Fig. 27 Tension Control Market Estimates & Forecasts, By Others, 2017 - 2030 (USD Million)

Fig. 27 Tension Control Market, By Application: Key Takeaways

Fig. 28 Tension Control Market, By Application: Market Share, 2023 & 2030

Fig. 29 Tension Control Market Estimates & Forecasts, By Paper, 2017 - 2030 (USD Million)

Fig. 30 Tension Control Market Estimates & Forecasts, By Flexible Printing & Packaging, 2017 - 2030 (USD Million)

Fig. 31 Tension Control Market Estimates & Forecasts, By Metal & Oil, 2017 - 2030 (USD Million)

Fig. 32 Tension Control Market Estimates & Forecasts, By Others, 2017 - 2030 (USD Million)

Fig. 33 Global Tension Control Market Revenue, By Region, 2023 & 2030 (USD Million)

Fig. 34 North America Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 35 U.S. Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 36 Canada Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 37 Mexico Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 38 Europe Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 39 UK Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 40 Germany Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 41 France Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 42 Asia Pacific Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 43 China Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 44 India Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 45 Japan Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 46 South Korea Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 47 Australia Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 48 Latin America Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 49 Brazil Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 50 Middle East & Africa Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 51 KSA Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 52 UAE Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 53 South Africa Tension Control Market Estimates & Forecasts, 2017 - 2030 (USD Million)

Fig. 54 Key Company Categorization

Fig. 55 Tension Control Market - Key company Market Share Analysis, 2023

Fig. 56 Strategic Framework

I would like to order

Product name: Integrated Marine Automation System Market Size, Share & Trends Analysis Report By Offering (Hardware, Software), By Solution, By End Use (Commercial, Defense), By Region, And Segment Forecasts, 2024 - 2030

Product link: <https://marketpublishers.com/r/I37A58066911EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/I37A58066911EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970