

Global Automotive Augmented Reality and Virtual Reality Market Status, Trends and COVID-19 Impact Report 2022

https://marketpublishers.com/r/G77AE4962AA2EN.html

Date: February 2023

Pages: 118

Price: US\$ 2,350.00 (Single User License)

ID: G77AE4962AA2EN

Abstracts

In the past few years, the Automotive Augmented Reality and Virtual Reality market experienced a huge change under the influence of COVID-19 and Russia-Ukraine War, the global market size of Automotive Augmented Reality and Virtual Reality reached XXX million \$ in 2022 from XXX in 2017 with a CAGR of XXX from 2017-2022. Facing the complicated international situation, the future of the Automotive Augmented Reality and Virtual Reality market is full of uncertain. BisReport predicts that the global Automotive Augmented Reality and Virtual Reality market size will reach XXX million \$in 2028 with a CAGR of xx% from 2022-2028.

Since the outbreak of COVID-19, the world economy continues to suffer from a series of destabilizing shocks, many companies experienced bankruptcy and a sharp decline in turnover. After more than two years of pandemic, global economy began to recover, entering 2022, the Russian Federation's invasion of Ukraine and its global effects on commodity markets, supply chains, inflation, and financial conditions have steepened the slowdown in global growth. In particular, the war in Ukraine is leading to soaring prices and volatility in energy markets, with improvements in activity in energy exporters more than offset by headwinds to activity in most other economies. The invasion of Ukraine has also led to a significant increase in agricultural commodity prices, which is exacerbating food insecurity and extreme poverty in many emerging market and developing economies.

Numerous risks could further derail what is now a precarious recovery. Among them is, in particular, the possibility of stubbornly high global inflation accompanied by tepid growth, reminiscent of the stagflation of the 1970s. This could eventually result in a sharp tightening of monetary policy in advanced economies to rein in inflation, lead to



surging borrowing costs, and possibly culminate in financial stress in some emerging market and developing economies. A forceful and wide-ranging policy response is required by policy makers in these economies and the global community to boost growth, bolster macroeconomic frameworks, reduce financial vulnerabilities, provide support to vulnerable population groups, and attenuate the long-term impacts of the global shocks of recent years.

In this complex international situation, BisReport published Global Automotive Augmented Reality and Virtual Reality Market Status, Trends and COVID-19 Impact Report 2022, which provides a comprehensive analysis of the global Automotive Augmented Reality and Virtual Reality market, This Report covers the manufacturer data, including: sales volume, price, revenue, gross margin, business distribution etc., these data help the consumer know about the competitors better. This report also covers all the regions and countries of the world, which shows the regional development status, including market size, volume and value, as well as price data. Besides, the report also covers segment data, including: type segment, application segment, channel segment etc. historic data period is from 2017-2022, the forecast data from 2023-2028.

Section 1: 100 USD——Market Overview

Section (2 3): 1200 USD——Manufacturer Detail

Continental

HARMAN International

Microsoft

Visteon

Volkswagen

HTC

NVIDIA

Unity

AutoVRse

Bosch

DENSO

Section 4: 900 USD——Region Segment

North America (United States, Canada, Mexico)

South America (Brazil, Argentina, Other)

Asia Pacific (China, Japan, India, Korea, Southeast Asia)

Europe (Germany, UK, France, Spain, Russia, Italy)

Middle East and Africa (Middle East, South Africa, Egypt)



Section (5 6 7): 700 USD—— Product Type Segment AR

VR

Application Segment Passenger Vehicle Commercial Vehicle

Channel Segment (Direct Sales, Distribution Channel)

Section 8: 500 USD—Market Forecast (2023-2028)

Section 9: 600 USD——Downstream Customers

Section 10: 200 USD——Raw Material and Manufacturing Cost

Section 11: 500 USD——Conclusion

Section 12: Research Method and Data Source



Contents

SECTION 1 AUTOMOTIVE AUGMENTED REALITY AND VIRTUAL REALITY MARKET OVERVIEW

- 1.1 Automotive Augmented Reality and Virtual Reality Market Scope
- 1.2 COVID-19 Impact on Automotive Augmented Reality and Virtual Reality Market
- 1.3 Global Automotive Augmented Reality and Virtual Reality Market Status and Forecast Overview
- 1.3.1 Global Automotive Augmented Reality and Virtual Reality Market Status 2017-2022
- 1.3.2 Global Automotive Augmented Reality and Virtual Reality Market Forecast 2023-2028
- 1.4 Global Automotive Augmented Reality and Virtual Reality Market Overview by Region
- 1.5 Global Automotive Augmented Reality and Virtual Reality Market Overview by Type
- 1.6 Global Automotive Augmented Reality and Virtual Reality Market Overview by Application

SECTION 2 GLOBAL AUTOMOTIVE AUGMENTED REALITY AND VIRTUAL REALITY MARKET MANUFACTURER SHARE

- 2.1 Global Manufacturer Automotive Augmented Reality and Virtual Reality Sales Volume
- 2.2 Global Manufacturer Automotive Augmented Reality and Virtual Reality Business Revenue
- 2.3 Global Manufacturer Automotive Augmented Reality and Virtual Reality Price

SECTION 3 MANUFACTURER AUTOMOTIVE AUGMENTED REALITY AND VIRTUAL REALITY BUSINESS INTRODUCTION

- 3.1 Continental Automotive Augmented Reality and Virtual Reality Business Introduction
- 3.1.1 Continental Automotive Augmented Reality and Virtual Reality Sales Volume, Price, Revenue and Gross margin 2017-2022
- 3.1.2 Continental Automotive Augmented Reality and Virtual Reality Business Distribution by Region
- 3.1.3 Continental Interview Record
- 3.1.4 Continental Automotive Augmented Reality and Virtual Reality Business Profile
- 3.1.5 Continental Automotive Augmented Reality and Virtual Reality Product



Specification

- 3.2 HARMAN International Automotive Augmented Reality and Virtual Reality Business Introduction
- 3.2.1 HARMAN International Automotive Augmented Reality and Virtual Reality Sales Volume, Price, Revenue and Gross margin 2017-2022
- 3.2.2 HARMAN International Automotive Augmented Reality and Virtual Reality Business Distribution by Region
- 3.2.3 Interview Record
- 3.2.4 HARMAN International Automotive Augmented Reality and Virtual Reality Business Overview
- 3.2.5 HARMAN International Automotive Augmented Reality and Virtual Reality Product Specification
- 3.3 Manufacturer three Automotive Augmented Reality and Virtual Reality Business Introduction
- 3.3.1 Manufacturer three Automotive Augmented Reality and Virtual Reality Sales Volume, Price, Revenue and Gross margin 2017-2022
- 3.3.2 Manufacturer three Automotive Augmented Reality and Virtual Reality Business Distribution by Region
 - 3.3.3 Interview Record
- 3.3.4 Manufacturer three Automotive Augmented Reality and Virtual Reality Business Overview
- 3.3.5 Manufacturer three Automotive Augmented Reality and Virtual Reality Product Specification
- 3.4 Manufacturer four Automotive Augmented Reality and Virtual Reality Business Introduction
- 3.4.1 Manufacturer four Automotive Augmented Reality and Virtual Reality Sales Volume, Price, Revenue and Gross margin 2017-2022
- 3.4.2 Manufacturer four Automotive Augmented Reality and Virtual Reality Business Distribution by Region
 - 3.4.3 Interview Record
- 3.4.4 Manufacturer four Automotive Augmented Reality and Virtual Reality Business Overview
- 3.4.5 Manufacturer four Automotive Augmented Reality and Virtual Reality Product Specification

3.5

3.6

SECTION 4 GLOBAL AUTOMOTIVE AUGMENTED REALITY AND VIRTUAL REALITY MARKET SEGMENT (BY REGION)



- 4.1 North America Country
- 4.1.1 United States Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.1.2 Canada Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.1.3 Mexico Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.2 South America Country
- 4.2.1 Brazil Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.2.2 Argentina Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.3 Asia Pacific
- 4.3.1 China Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.3.2 Japan Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.3.3 India Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.3.4 Korea Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.3.5 Southeast Asia Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.4 Europe Country
- 4.4.1 Germany Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.4.2 UK Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.4.3 France Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.4.4 Spain Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.4.5 Russia Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.4.6 Italy Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.5 Middle East and Africa
 - 4.5.1 Middle East Automotive Augmented Reality and Virtual Reality Market Size and



Price Analysis 2017-2022

- 4.5.2 South Africa Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.5.3 Egypt Automotive Augmented Reality and Virtual Reality Market Size and Price Analysis 2017-2022
- 4.6 Global Automotive Augmented Reality and Virtual Reality Market Segment (By Region) Analysis 2017-2022
- 4.7 Global Automotive Augmented Reality and Virtual Reality Market Segment (By Country) Analysis 2017-2022
- 4.8 Global Automotive Augmented Reality and Virtual Reality Market Segment (By Region) Analysis

SECTION 5 GLOBAL AUTOMOTIVE AUGMENTED REALITY AND VIRTUAL REALITY MARKET SEGMENT (BY PRODUCT TYPE)

- 5.1 Product Introduction by Type
 - 5.1.1 AR Product Introduction
 - 5.1.2 VR Product Introduction
- 5.2 Global Automotive Augmented Reality and Virtual Reality Sales Volume (by Type) 2017-2022
- 5.3 Global Automotive Augmented Reality and Virtual Reality Market Size (by Type) 2017-2022
- 5.4 Different Automotive Augmented Reality and Virtual Reality Product Type Price 2017-2022
- 5.5 Global Automotive Augmented Reality and Virtual Reality Market Segment (By Type) Analysis

SECTION 6 GLOBAL AUTOMOTIVE AUGMENTED REALITY AND VIRTUAL REALITY MARKET SEGMENT (BY APPLICATION)

- 6.1 Global Automotive Augmented Reality and Virtual Reality Sales Volume (by Application) 2017-2022
- 6.2 Global Automotive Augmented Reality and Virtual Reality Market Size (by Application) 2017-2022
- 6.3 Automotive Augmented Reality and Virtual Reality Price in Different Application Field 2017-2022
- 6.4 Global Automotive Augmented Reality and Virtual Reality Market Segment (By Application) Analysis



SECTION 7 GLOBAL AUTOMOTIVE AUGMENTED REALITY AND VIRTUAL REALITY MARKET SEGMENT (BY CHANNEL)

- 7.1 Global Automotive Augmented Reality and Virtual Reality Market Segment (By Channel) Sales Volume and Share 2017-2022
- 7.2 Global Automotive Augmented Reality and Virtual Reality Market Segment (By Channel) Analysis

SECTION 8 GLOBAL AUTOMOTIVE AUGMENTED REALITY AND VIRTUAL REALITY MARKET FORECAST 2023-2028

- 8.1 Automotive Augmented Reality and Virtual Reality Segment Market Forecast 2023-2028 (By Region)
- 8.2 Automotive Augmented Reality and Virtual Reality Segment Market Forecast 2023-2028 (By Type)
- 8.3 Automotive Augmented Reality and Virtual Reality Segment Market Forecast 2023-2028 (By Application)
- 8.4 Automotive Augmented Reality and Virtual Reality Segment Market Forecast 2023-2028 (By Channel)
- 8.5 Global Automotive Augmented Reality and Virtual Reality Price (USD/Unit) Forecast

SECTION 9 AUTOMOTIVE AUGMENTED REALITY AND VIRTUAL REALITY APPLICATION AND CUSTOMER ANALYSIS

- 9.1 Passenger Vehicle Customers
- 9.2 Commercial Vehicle Customers

SECTION 10 AUTOMOTIVE AUGMENTED REALITY AND VIRTUAL REALITY MANUFACTURING COST OF ANALYSIS

- 10.1 Raw Material Cost Analysis
- 10.2 Labor Cost Analysis
- 10.3 Cost Overview

SECTION 11 CONCLUSION

12 RESEARCH METHOD AND DATA SOURCE



Chart And Figure

CHART AND FIGURE

Figure Automotive Augmented Reality and Virtual Reality Product Picture Chart Global Automotive Augmented Reality and Virtual Reality Market Size (with or without the impact of COVID-19)

Chart Global Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Growth Rate 2017-2022

Chart Global Automotive Augmented Reality and Virtual Reality Market Size (Million \$) and Growth Rate 2017-2022

Chart Global Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Growth Rate 2023-2028

Chart Global Automotive Augmented Reality and Virtual Reality Market Size (Million \$) and Growth Rate 2023-2028

Table Global Automotive Augmented Reality and Virtual Reality Market Overview by Region

Table Global Automotive Augmented Reality and Virtual Reality Market Overview by Type

Table Global Automotive Augmented Reality and Virtual Reality Market Overview by Application

Chart 2017-2022 Global Manufacturer Automotive Augmented Reality and Virtual Reality Sales Volume (Units)

Chart 2017-2022 Global Manufacturer Automotive Augmented Reality and Virtual Reality Sales Volume Share

Chart 2017-2022 Global Manufacturer Automotive Augmented Reality and Virtual Reality Business Revenue (Million USD)

Chart 2017-2022 Global Manufacturer Automotive Augmented Reality and Virtual Reality Business Revenue Share

Chart 2017-2022 Global Manufacturer Automotive Augmented Reality and Virtual Reality Business Price (USD/Unit)

Chart Continental Automotive Augmented Reality and Virtual Reality Sales Volume, Price, Revenue and Gross margin 2017-2022

Chart Continental Automotive Augmented Reality and Virtual Reality Business Distribution

Chart Continental Interview Record (Partly)

Chart Continental Automotive Augmented Reality and Virtual Reality Business Profile Table Continental Automotive Augmented Reality and Virtual Reality Product Specification



Chart United States Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart United States Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Canada Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Canada Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Mexico Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Mexico Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Brazil Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Brazil Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Argentina Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Argentina Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart China Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart China Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Japan Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Japan Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart India Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart India Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Korea Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Korea Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Southeast Asia Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Southeast Asia Automotive Augmented Reality and Virtual Reality Sales Price



(USD/Unit) 2017-2022

Chart Germany Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Germany Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart UK Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart UK Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart France Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart France Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Spain Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Spain Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Russia Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Russia Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Italy Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Italy Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Middle East Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Middle East Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart South Africa Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart South Africa Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Egypt Automotive Augmented Reality and Virtual Reality Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Egypt Automotive Augmented Reality and Virtual Reality Sales Price (USD/Unit) 2017-2022

Chart Global Automotive Augmented Reality and Virtual Reality Market Segment Sales Volume (Units) by Region 2017-2022



Chart Global Automotive Augmented Reality and Virtual Reality Market Segment Sales Volume (Units) Share by Region 2017-2022

Chart Global Automotive Augmented Reality and Virtual Reality Market Segment Market size (Million \$) by Region 2017-2022

Chart Global Automotive Augmented Reality and Virtual Reality Market Segment Market size (Million \$) Share by Region 2017-2022

Chart Global Automotive Augmented Reality and Virtual Reality Market Segment Sales Volume (Units) by Country 2017-2022

Chart Global Automotive Augmented Reality and Virtual Reality Market Segment Sales Volume (Units) Share by Country 2017-2022

Chart Global Automotive Augmented Reality and Virtual Reality Market Segment Market size (Million \$) by Country 2017-2022

Chart Global Automotive Augmented Reality and Virtual Reality Market Segment Market size (Million \$) Share by Country 2017-2022

Chart AR Product Figure

Chart AR Product Description

Chart VR Product Figure

Chart VR Product Description

Chart Automotive Augmented Reality and Virtual Reality Sales Volume by Type (Units) 2017-2022

Chart Automotive Augmented Reality and Virtual Reality Sales Volume (Units) Share by Type

Chart Automotive Augmented Reality and Virtual Reality Market Size by Type (Million \$) 2017-2022

Chart Automotive Augmented Reality and Virtual Reality Market Size (Million \$) Share by Type

Chart Different Automotive Augmented Reality and Virtual Reality Product Type Price (USD/Unit) 2017-2022

Chart Automotive Augmented Reality and Virtual Reality Sales Volume by Application (Units) 2017-2022

Chart Automotive Augmented Reality and Virtual Reality Sales Volume (Units) Share by Application

Chart Automotive Augmented Reality and Virtual Reality Market Size by Application (Million \$) 2017-2022

Chart Automotive Augmented Reality and Virtual Reality Market Size (Million \$) Share by Application

Chart Automotive Augmented Reality and Virtual Reality Price in Different Application Field 2017-2022

Chart Global Automotive Augmented Reality and Virtual Reality Market Segment (By



Channel) Sales Volume (Units) 2017-2022

Chart Global Automotive Augmented Reality and Virtual Reality Market Segment (By Channel) Share 2017-2022

Chart Automotive Augmented Reality and Virtual Reality Segment Market Sales Volume (Units) Forecast (by Region) 2023-2028

Chart Automotive Augmented Reality and Virtual Reality Segment Market Sales Volume Forecast (By Region) Share 2023-2028

Chart Automotive Augmented Reality and Virtual Reality Segment Market Size (Million USD) Forecast (By Region) 2023-2028

Chart Automotive Augmented Reality and Virtual Reality Segment Market Size Forecast (By Region) Share 2023-2028

Chart Automotive Augmented Reality and Virtual Reality Market Segment (By Type) Volume (Units) 2023-2028

Chart Automotive Augmented Reality and Virtual Reality Market Segment (By Type) Volume (Units) Share 2023-2028

Chart Automotive Augmented Reality and Virtual Reality Market Segment (By Type) Market Size (Million \$) 2023-2028

Chart Automotive Augmented Reality and Virtual Reality Market Segment (By Type) Market Size (Million \$) 2023-2028

Chart Automotive Augmented Reality and Virtual Reality Market Segment (By Application) Market Size (Volume) 2023-2028

Chart Automotive Augmented Reality and Virtual Reality Market Segment (By Application) Market Size (Volume) Share 2023-2028

Chart Automotive Augmented Reality and Virtual Reality Market Segment (By Application) Market Size (Value) 2023-2028

Chart Automotive Augmented Reality and Virtual Reality Market Segment (By Application) Market Size (Value) Share 2023-2028

Chart Global Automotive Augmented Reality and Virtual Reality Market Segment (By Channel) Sales Volume (Units) 2023-2028

Chart Global Automotive Augmented Reality and Virtual Reality Market Segment (By Channel) Share 2023-2028

Chart Global Automotive Augmented Reality and Virtual Reality Price Forecast 2023-2028

Chart Passenger Vehicle Customers

Chart Commercial Vehicle Customers



I would like to order

Product name: Global Automotive Augmented Reality and Virtual Reality Market Status, Trends and

COVID-19 Impact Report 2022

Product link: https://marketpublishers.com/r/G77AE4962AA2EN.html

Price: US\$ 2,350.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G77AE4962AA2EN.html

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

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer 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



