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North America Satellite Communication Terminal Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Classification (C Band, X Band, S Band, Ku Band and Ka Band); Application (Military Use and Civil Use); and Satellite Type (GEO, MEO and LEO)

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Abstracts

North America satellite communication terminal market is expected to grow from US$ 1,612.61 million in 2023 to US$ 2,214.65 million by 2028. It is estimated to grow at a CAGR of 6.6% from 2023 to 2028.

Increasing Demand for Defense Satellite Communication Solutions Fuels North America Satellite Communication Terminal Market

The requirement for satellite communication terminals is increasing in the defense sector in various countries across the region. One of the main reasons for the growing demand is the rising military spending of numerous nations. The demand for phased array antenna systems is increasing in high-speed data communication in aircraft and respective maritime and airborne applications. In January 2021, the Thales Group received an order of AN/PRC-148D improved multiband inter/intra team radios from the US Army. The count of Multiband Inter/Intra Team Radio (MBITR) radio orders is expected to be more than 6,000.

In December 2021, Florida-based Tampa Microwave got a US$ 62.1 million contract from the US Special Operations Command to provide Satellite Deployable Node-Lite (SDN-L) terminals, spares, and ancillary equipment. The SDN-Lite can operate in Ku-, Ka-, and X- frequency bands in support of other SDN family variants, which consist of

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the SOF Deployable Node-Heavy and SND-Medium terminals. Similarly, in January 2023, Get SAT announced that along with R4 Integration, the US Government agency had awarded them a multi-million-dollar contract to provide satellite communication for C-130 airplanes. Under this contract, the agency selected Get SAT's Milli SAT EX Ka-band terminal, which is a compact all-in-one communications-on-the-move (COTM) Ka-band solution. This satellite terminal is designed to meet mission-critical requirements of C-130 airborne applications without requiring any modifications to the aircraft. The terminal offers an optimized for voice, video, and data transmission and provides high bandwidth data throughput exceeding 30 Mbps with HTS satellites. Thus, the rising demand for defense satellite communication solutions drives the requirement for various satellite communication terminals.

North America Satellite Communication Terminal Market Overview

The North America satellite communication terminal market is segmented into the US, Canada, and Mexico. North America is the most technologically advanced region, owing to high gross domestic product (GDP), positive outlook toward adoption of advanced technologies, high GDP per capita, favorable economic policies, high standard of living, and presence of a robust technology ecosystem. North America has a high emphasis on the defense sector as the governments spend significant amounts on the military, navy, and air force. Various domains such as telecommunication, media & entertainment, transportation & logistics, business & enterprise, scientific research & development, aviation, aerospace, defense, and retail & consumer drive the satellite communication terminal market in the region. As a part of the Commercial Broadband Satellite Program (CBSP), in August 2021, the US Navy has awarded a contract for 16 satellite communication terminals to L3Harris Technologies, Inc. This contract is said to be worth US$ 18 million and is expected to provide access to commercial broadband communications during maritime operations. CBSP ULV offers terminal-to-space, terminal-to-shore, and terrestrial connectivity in order to increase the throughput for commercial satellite communication. The CBSP program also consists of two US Navy contracts for distinct types of terminals, one for Unit-Level Variants (ULV) and another for Force-Level Variants (FLV). Thus, the rising demand for satellite communication in the region will further fuel the growth of the satellite communication terminal market.

North America Satellite Communication Terminal Market Revenue and Forecast to 2028 (US$ Million)

North America Satellite Communication Terminal Market Segmentation

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The North America satellite communication terminal market is segmented into classification, application, satellite type, and country.

Based on classification, the market is sub segmented into C band, X band, S band, Ku band, and Ka band. The X band segment registered the largest market share in 2023.

Based on application, the market is segmented into military use and civil use. The military use segment held a larger market share in 2023.

Based on satellite type, the market is segmented into GEO, MEO, and LEO. The GEO segment held the largest market share in 2023.

Based on country, the market is segmented into the US, Canada, and Mexico. The US dominated the market share in 2023.

Airbus SE; AVL Technologies; Collins Aerospace; General Dynamics Mission Systems Inc; Gilat Satellite Networks Ltd.; Honeywell International Inc; L3Harries Technologies Inc; NEC Corp; Singapore Technologies Engineering Ltd; Thales SA; and Viasat Inc are the leading companies operating in the satellite communication terminal market in the region.

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Contents

1. INTRODUCTION

1.1 Scope of the Study
1.2 The Insight Partners Research Report Guidance
1.3 Market Segmentation

2. KEY TAKEAWAYS

3. RESEARCH METHODOLOGY

3.1 Coverage
3.2 Secondary Research
3.3 Primary Research

4. NORTH AMERICA SATELLITE COMMUNICATION TERMINAL MARKET LANDSCAPE

4.1 Market Overview
4.2 PEST Analysis
  4.2.1 North America PEST Analysis
4.3 Ecosystem Analysis
4.4 Expert Opinion
4.5 Premium Insights
  4.5.1 Qualitative Insights on Mx-DMA and H-DNA Technologies
    4.5.1.1 Mx-DMA
    4.5.1.2 H-DNA

5. NORTH AMERICA SATELLITE COMMUNICATION TERMINAL MARKET – KEY MARKET DYNAMICS

5.1 Market Drivers
  5.1.1 Increasing Demand for Defense Satellite Communication Solutions
  5.1.2 Growing Need for Uninterrupted Connectivity
  5.1.3 Increasing LEO satellite
5.2 Market Restraints
  5.2.1 High Costs of Satellite Communication Terminals
5.3 Market Opportunities

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5.3.1 Rising Adoption of Portable and Small SATCOM Terminals
5.3.2 Rising Adoption of GEO
5.4 Future Trends
5.4.1 Growing Requirement for Customized SATCOM Solutions
5.4.2 Growing Advancement in Satellite Technology
5.5 Impact Analysis of Drivers and Restraints

6. SATELLITE COMMUNICATION TERMINAL MARKET – NORTH AMERICA MARKET ANALYSIS

6.1 North America Satellite Communication Terminal Market Forecast and Analysis

7. NORTH AMERICA SATELLITE COMMUNICATION TERMINAL MARKET ANALYSIS – BY CLASSIFICATION

7.1 Overview
7.2 Satellite Communication Terminal Market, By Classification (2022 and 2028)
7.3 C Band
7.3.1 Overview
7.3.2 C Band: Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
7.4 X Band
7.4.1 Overview
7.4.2 X Band: Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
7.5 S Band
7.5.1 Overview
7.5.2 S Band: Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
7.6 Ku Band
7.6.1 Overview
7.6.2 Ku Band: Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
7.7 Ka Band
7.7.1 Overview
7.7.2 Ka Band: Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)

8. NORTH AMERICA SATELLITE COMMUNICATION TERMINAL MARKET

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ANALYSIS – BY APPLICATION

8.1 Overview
8.2 Satellite Communication Terminal Market, By Application (2022 and 2028)
8.3 Military Use
  8.3.1 Overview
  8.3.2 Military Use: Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
8.4 Civil Use
  8.4.1 Overview
  8.4.2 Civil Use: Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)

9. NORTH AMERICA SATELLITE COMMUNICATION TERMINAL MARKET ANALYSIS – BY SATELLITE TYPE

9.1 Overview
9.2 Satellite Communication Terminal Market, By Satellite Type (2022 and 2028)
9.3 GEO
  9.3.1 Overview
  9.3.2 GEO: Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
9.4 MEO
  9.4.1 Overview
  9.4.2 MEO: Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
9.5 LEO
  9.5.1 Overview
  9.5.2 LEO: Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)

10. NORTH AMERICA SATELLITE COMMUNICATION TERMINAL MARKET – COUNTRY ANALYSIS

10.1 North America: Satellite Communication Terminal Market
  10.1.1 Overview
  10.1.2 North America Satellite Communication Terminal Market Breakdown, by Country
    10.1.2.1 US Satellite Communication Terminal Market, Revenue and Forecast to

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2028
10.1.2.1.1 US Satellite Communication Terminal Market Breakdown, by Classification
10.1.2.1.2 US Satellite Communication Terminal Market Breakdown, by Application
10.1.2.1.3 US Satellite Communication Terminal Market Breakdown, by Satellite Type
10.1.2.2 Canada Satellite Communication Terminal Market, Revenue and Forecast to 2028
10.1.2.2.1 Canada Satellite Communication Terminal Market Breakdown, by Classification
10.1.2.2.2 Canada Satellite Communication Terminal Market Breakdown, by Application
10.1.2.2.3 Canada Satellite Communication Terminal Market Breakdown, by Satellite Type
10.1.2.3 Mexico Satellite Communication Terminal Market, Revenue and Forecast to 2028
10.1.2.3.1 Mexico Satellite Communication Terminal Market Breakdown, by Classification
10.1.2.3.2 Mexico Satellite Communication Terminal Market Breakdown, by Application
10.1.2.3.3 Mexico Satellite Communication Terminal Market Breakdown, by Satellite Type

11. INDUSTRY LANDSCAPE

11.1 Overview
11.2 Market Initiative
11.3 Product Development
11.4 Mergers & Acquisitions

12. COMPANY PROFILES

12.1 Gilat Satellite Networks Ltd
12.1.1 Key Facts
12.1.2 Business Description
12.1.3 Products and Services
12.1.4 Financial Overview
12.1.5 SWOT Analysis
12.1.6 Key Developments

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12.2 Airbus SE
12.2.1 Key Facts
12.2.2 Business Description
12.2.3 Products and Services
12.2.4 Financial Overview
12.2.5 SWOT Analysis
12.2.6 Key Developments
12.3 AVL Technologies
12.3.1 Key Facts
12.3.2 Business Description
12.3.3 Products and Services
12.3.4 Financial Overview
12.3.5 SWOT Analysis
12.3.6 Key Developments
12.4 Collins Aerospace
12.4.1 Key Facts
12.4.2 Business Description
12.4.3 Products and Services
12.4.4 Financial Overview
12.4.5 SWOT Analysis
12.4.6 Key Developments
12.5 General Dynamics Mission Systems Inc
12.5.1 Key Facts
12.5.2 Business Description
12.5.3 Products and Services
12.5.4 Financial Overview
12.5.5 SWOT Analysis
12.5.6 Key Developments
12.6 Honeywell International Inc
12.6.1 Key Facts
12.6.2 Business Description
12.6.3 Products and Services
12.6.4 Financial Overview
12.6.5 SWOT Analysis
12.6.6 Key Developments
12.7 L3Harris Technologies Inc
12.7.1 Key Facts
12.7.2 Business Description
12.7.3 Products and Services

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12.7.4 Financial Overview
12.7.5 SWOT Analysis
12.7.6 Key Developments
12.8 Singapore Technologies Engineering Ltd
12.8.1 Key Facts
12.8.2 Business Description
12.8.3 Products and Services
12.8.4 Financial Overview
12.8.5 SWOT Analysis
12.8.6 Key Developments
12.9 Thales SA
12.9.1 Key Facts
12.9.2 Business Description
12.9.3 Products and Services
12.9.4 Financial Overview
12.9.5 SWOT Analysis
12.9.6 Key Developments
12.10 Viasat, Inc.
12.10.1 Key Facts
12.10.2 Business Description
12.10.3 Products and Services
12.10.4 Financial Overview
12.10.5 SWOT Analysis
12.10.6 Key Developments
12.11 NEC Corp
12.11.1 Key Facts
12.11.2 Business Description
12.11.3 Financial Overview
12.11.4 SWOT Analysis
12.11.5 Key Developments

13. APPENDIX

13.1 About The Insight Partners
13.2 Glossary

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List Of Tables

LIST OF TABLES

Table 1. US Satellite Communication Terminal Market, Revenue and Forecast to 2028 – By Classification (US$ million)
Table 2. US Satellite Communication Terminal Market, Revenue and Forecast to 2028 – By Application (US$ million)
Table 3. US Satellite Communication Terminal Market, Revenue and Forecast to 2028 – By Satellite Type (US$ million)
Table 4. Canada Satellite Communication Terminal Market, Revenue and Forecast to 2028 – By Classification (US$ million)
Table 5. Canada Satellite Communication Terminal Market, Revenue and Forecast to 2028 – By Application (US$ million)
Table 6. Canada Satellite Communication Terminal Market, Revenue and Forecast to 2028 – By Satellite Type (US$ million)
Table 7. Mexico Satellite Communication Terminal Market, Revenue and Forecast to 2028 – By Classification (US$ million)
Table 8. Mexico Satellite Communication Terminal Market, Revenue and Forecast to 2028 – By Application (US$ million)
Table 9. Mexico Satellite Communication Terminal Market, Revenue and Forecast to 2028 – By Satellite Type (US$ million)
Table 10. Glossary of Terms, Satellite Communication Terminal Market

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List Of Figures

LIST OF FIGURES

Figure 1. North America Satellite Communication Terminal Market Segmentation
Figure 2. North America Satellite Communication Terminal Market Segmentation – Country
Figure 3. North America Satellite Communication Terminal Market Overview
Figure 4. North America Satellite Communication Terminal Market, By Classification
Figure 5. North America Satellite Communication Terminal Market, By Application
Figure 6. North America Satellite Communication Terminal Market, By Satellite Type
Figure 7. North America Satellite Communication Terminal Market, By Region
Figure 8. North America PEST Analysis
Figure 9. North America Satellite Communication Terminal Market Ecosystem Analysis
Figure 10. North America Expert Opinion
Figure 11. North America Satellite Communication Terminal Market Impact Analysis of Drivers and Restraints
Figure 12. North America Satellite Communication Terminal Market, Forecast and Analysis (US$ Mn)
Figure 13. North America Satellite Communication Terminal Market Revenue Share, by Classification (2022 and 2028)
Figure 14. C Band: North America Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
Figure 15. X Band: North America Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
Figure 16. S Band: North America Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
Figure 17. Ku Band: North America Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
Figure 18. Ka Band: North America Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
Figure 19. North America Satellite Communication Terminal Market Revenue Share, by Application (2022 and 2028)
Figure 20. Military Use: North America Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
Figure 21. Civil Use: North America Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
Figure 22. North America Satellite Communication Terminal Market Revenue Share, by Application (2022 and 2028)

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Figure 23. GEO: North America Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
Figure 24. MEO: North America Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
Figure 25. LEO: North America Satellite Communication Terminal Market – Revenue and Forecast to 2028 (US$ Million)
Figure 26. North America Satellite Communication Terminal Market, by key Country –Revenue (2021) (US$ million)
Figure 27. North America Satellite Communication Terminal Market Breakdown, by Country, 2022 & 2028 (%)
Figure 28. US Satellite Communication Terminal Market, Revenue and Forecast to 2028 (US$ million)
Figure 29. Canada Satellite Communication Terminal Market, Revenue and Forecast to 2028 (US$ million)
Figure 30. Mexico Satellite Communication Terminal Market, Revenue and Forecast to 2028 (US$ million)

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