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LEO-focused Satellite Propulsion Technology Market - A Global and Regional Analysis: Focus on End User, Application, Propulsion Type, Satellite Mass, Component, Orbit, Propellant Type and Country - Analysis and Forecast, 2021-2031

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Abstracts

Market Report Coverage - LEO-focused Satellite Propulsion Technology

Market Segmentation

End User: Defense and Government and Commercial

Application: Communication, Earth Observation and Remote Sensing, Technology Development, and Others

Propulsion Type: Electric, Chemical, and Hybrid

Satellite Mass: 0-10kg, 11-200kg, 201-600kg, and 601-1200kg

Component: Thrusters, Propellant Tanks, Valves, Pumps and Regulators, Power Processing Unit, Propulsion Thermal Control, and Others

Orbit: LEO (Sun-Synchronous Orbit), LEO (Polar Orbit), and LEO (Non-Polar Inclined)

Propellant Type: Xenon, Krypton, and Others

egional Segmentation

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erica: U.S. and Canada

Germany, Russia, U.K., and Rest-of-Europe

ific: China, Japan, India, Australia, and Rest-of-Asia-Pacific

he-World: Middle East and Africa, Latin America

rivers

ller Telecom and Commercial Earth Observation Satellites in Low Earth Orbit (LEO)

nt Toward Building Low-Cost and Efficient Propulsion System for Satellites

bital Space Debris from Use of Satellite Mega Constellations

Non-Toxic or Green (Environment Friendly) Space Propellants

Lockheed Martin Corp.), Busek Co Inc., CU Aerospace, IHI Corporation, Lockheed Martin
onics, Northrop Grumman Corporation, OHB SE, Safran, Space Exploration Technologies Corp.

reader in understanding the different types of LEO-focused satellite propulsions and their market
detailed understanding of LEO-focused satellite propulsion technology with respect to propulsion type
201-600kg, 601-1,200kg), component (thrusters, propellant tanks, valve, pumps and regulators,
orbit (sun-synchronous, polar, and non-polar inclined), propellant type (xenon, krypton, others).
ations has also been added to the study.

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pected to change over the forecast years, 2021-2031?

ently working in the global LEO-focused satellite propulsion technology market?

ted to grow during the forecast period 2021-2031?

ses in the global LEO-focused satellite propulsion technology market?

pulsion technology market by 2031?

ayers to sustain in this highly competitive market?

focused satellite propulsion technology market?

sing on to increase their market share?

luencing the growth of the market?

such as SpaceX, Ariane Space, Europe Space Agency (ESA), National Aeronautics and Space mong others, started demonstration for new propulsion system for different satellites in low Earth orbit ntire space industry by developing unique products and systems.

e have been focusing on developing low Earth orbit (LEO) satellite constellations. This will drive the t activities to develop cost-efficient propulsion technologies and advancements in 3D printing other factors contributing to the growth of the LEO-focused satellite propulsion technology market. rce to test alternative fuel on its Maxwell electric thruster. The company received $750,000 from the s would likely penetrate the niche markets and generate significant revenues in the future.

reach $13,212.7 million by 2031, with a CAGR of 6.98% during the forecast period 2021- 2031. The

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ication, technology development, Earth observation, and remote sensing is expected to be the major ient propulsion systems s at low cost are key drivers for the growth of the global LEO-focused

ocused satellite propulsion technology market due to the increasing development of small satellite vigation by commercial industries.

communication missions. Companies and space agencies aim to develop long-range, high-capacity,

e global LEO-focused satellite propulsion technology market. It is anticipated that, by 2031, the rall satellite launches. However, the high cost, development complexity, and low thrust capability are chnological advancements are anticipated to overcome these challenges, and electric propulsion

ear due to the increase in small satellite constellations from various key manufacturers such as .

at the requirement for thrusters' components will grow in the upcoming years.

-focused satellite propulsion technology market, owing to a significant number of companies based in such as the National Aeronautics and Space Administration (NASA), Aerojet Rocketdyne, Ariane

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tin Corp.), Busek Co Inc., CU Aerospace, IHI Corporation, Lockheed Martin Corporation, L3Harris
n, OHB SE, Safran, Space Exploration Technologies Corp. (SpaceX), Thales Group

ews with experts and understanding details around companies such as product portfolios, annual
estic and international presence in the LEO-focused satellite propulsion technology market.

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