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Smart Vehicle and City Integration Market by Autonomous and Connected Vehicles, Smart Homes and Commercial Buildings 2021 – 2026

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Abstracts

OVERVIEW:

One of the key technology convergence areas for the 2020s is smart cities and intelligent vehicles including human-controlled connected cars and trucks as well as partially and fully autonomous automobiles. Integration will include enterprise and industrial workplace integration, such as smart commercial buildings, as well as connected homes and the intelligent work-from-home ecosystem.

This research assesses the autonomous vehicle market including leading vendors, strategies, product and service offerings. It evaluates autonomous vehicles by autonomy level, powertrain type, components, and supporting technologies. It also evaluates the impact of major technologies on autonomous vehicle markets such as 5G, AI, edge computing, IoT, data analytics, and smart building integration.

It also evaluates the V2X market including technologies, solutions, and major players. The report provides an analysis of market challenges, opportunities, and overall business outlook. V2X communications types covered in this report include V2V, V2I, V2H, V2N, V2D, V2P, V2G, and Vehicle-To-Cloud. It covers ADA types including On-Board and Embedded ADAS. The report includes detailed forecasts for the aforementioned market areas from 2021 to 2026.

It also assesses the connected home marketplace, including major industry players, and solutions. The role of AI, IoT, and supporting technologies is evaluated with an analysis of current market inhibitors and solutions. It also evaluates smart vehicle integrated applications including voice assistance, home configuration, emergency alerts,

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synchronization, and more. It provides market forecasts for major market segments, sub-segments, and regional expectations for the period 2021 through 2026.

This research also evaluates the smart buildings market including technologies, players, and solutions. The report analyzes smart buildings challenges and opportunities, assesses market potential, and provides accompanying smart buildings market sizing, globally as well as regionally, and by market segment for 2021 to 2026. It includes an analysis of technologies supporting smart building automation, IWMS, and smart workplace applications and services. Smart building technology integration areas addressed within the report include 5G, AI, data analytics, and edge computing.

This research also evaluates the smart cities market including leading vendors and strategies (such as a single vs. multi-vendor centric approach), infrastructure, solutions, applications, and services. It analyzes market factors driving solution adoption, technology readiness and fitness for use, and other considerations. It also assesses the aforementioned factors to derive penetration and revenue to forecast market value for the period of 2021 to 2026. It also analyses the role of technology accelerating digital transformation including AI, edge processing, 5G deployment and usage, and advanced data analytics.

SELECT RESEARCH FINDINGS:

Overall value of global smart cities market to exceed $2.5 trillion by 2026

The global market for connected home smart products will reach $297.8.5B by 2026

5G narrow-band, mid-band and millimeter wave in smart cities to reach $104.8 billion by 2026

The market for in-vehicle Advanced Driver Assistance Systems will reach $4.6 billion globally by 2026

Edge computing infrastructure and services in support of autonomous vehicles will reach $39 billion by 2026

Smart city market growth and innovation will be highly correlated with autonomous and connected vehicle technology funding, R&D and developments

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Dedicated infrastructure for autonomous vehicles will serve as a proving ground for economic justification for autonomous vehicle ride-share and other green tech solutions

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4.2 Project Haystack

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5.2 Aeon Labs LLC
5.3 Affinegy, Inc

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5.4 Affinity Automation, LLC
5.5 American Auto-Matrix
5.6 American Digitals
5.7 American Energy Management
5.8 AMMAMSIC Technology Corp.
5.9 Appin Associates
5.10 Assodomotica
5.11 Athena Engineering, Inc
5.12 Automated Control Inc.
5.13 Azbil
5.14 Be Home247
5.15 Belimo
5.16 Brandt Automation, Inc
5.17 Building IQ
5.18 Building Robotics
5.19 Cadillac Fairview
5.20 Central Coast Environmental Controls
5.21 Copper Tree Analytics
5.22 Crestron
5.23 CSR
5.24 Current Analytics, Inc.
5.25 Cylon
5.26 Delta Controls
5.27 Distech Controls
5.28 E.M.S. Technologies
5.29 Eagle Energy, Inc
5.30 EATON
5.31 Ecova
5.32 EFT Energy
5.33 Elemco Building Controls
5.34 Energent
5.35 Energy ETC, Inc.
5.36 EnergyCAP
5.37 EnerNOC
5.38 Enovity, Inc.
5.39 eSight Energy
5.40 Frazier Service Co.
5.41 Genesis Automation
5.42 GridPoint

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5.43 Hawkeye Energy Solutions
5.44 HomeLink Technologies
5.45 Honda Smart Home
5.46 Horizon Controls
5.47 HTNG
5.48 Hubbell Building Automation
5.49 IBI group
5.50 Ingersoll Rand
5.51 Inncom
5.52 Intellastar
5.53 Inter Logix
5.54 Intermatic
5.55 J2 Innovations
5.56 KMC Controls
5.57 Lon Mark International
5.58 LowV Systems, Inc.
5.59 Lynx Spring
5.60 Near Future, LLC
5.61 Network and Automation Systems
5.62 NEXIA
5.63 NexTek Power Systems
5.64 OME
5.65 Phoenix Energy Technologies
5.66 Priva
5.67 Progressive Engineering & Design
5.68 Ramco Electrical Contracting Corp.
5.69 RBH Access Technologies, Inc.
5.70 Reliable Controls
5.71 Sawyers Control Systems, Inc.
5.72 Shenitech
5.73 Smardt
5.74 Somfy
5.75 Sullivan & McLaughlin Companies, Inc.
5.76 Surveillance Grid Company
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5.78 Synergetic Systems
5.79 Syska Hennessy
5.80 TA Canada (Convergint)
5.81 Taco Comfort

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5.82 TE connectivity
5.83 TerraBridge Innovations in Technology, Inc.
5.84 Thermo-Trol Systems, Inc.
5.85 Trane
5.86 Trend Controls
5.87 Tridium
5.88 Unilectric
5.89 United Technologies
5.90 Vantage
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