

# Global Smart Roads Market Growth (Status and Outlook) 2024-2030

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## **Abstracts**

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Smart roads refer to an innovative concept in transportation infrastructure that leverages advanced technologies to enhance safety, efficiency, and sustainability on roadways. These intelligent road systems integrate various cutting-edge features to create a more responsive and adaptable environment for drivers and vehicles. One key element of a smart road is the incorporation of smart sensors and cameras, along with the road network to collect real-time data on traffic flow, weather conditions, and road hazards. This data is then analyzed and processed by intelligent systems, enabling automated traffic management and predictive maintenance. Smart roads often include dynamic lane markings and signage that can adjust according to changing traffic conditions, providing real-time guidance to drivers and optimizing lane usage. Additionally, advanced communication systems enable vehicle-to-infrastructure (V2I) and vehicle-tovehicle (V2V) connectivity, fostering cooperative driving and collision avoidance. Beyond the immediate benefits to drivers and commuters, smart roads also contribute to sustainability efforts by optimizing energy consumption through smart lighting and utilizing renewable energy sources. By incorporating smart charging infrastructure for electric vehicles, these roads promote eco-friendly transportation alternatives.

The global Smart Roads market size is projected to grow from US\$ 13160 million in 2024 to US\$ 20420 million in 2030; it is expected to grow at a CAGR of 7.6% from 2024 to 2030.

LPI (LP Information)' newest research report, the "Smart Roads Industry Forecast" looks at past sales and reviews total world Smart Roads sales in 2022, providing a comprehensive analysis by region and market sector of projected Smart Roads sales



for 2023 through 2029. With Smart Roads sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Smart Roads industry.

This Insight Report provides a comprehensive analysis of the global Smart Roads landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Smart Roads portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Smart Roads market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Smart Roads and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Smart Roads.

Global key players of Smart Roads include Mundys (Yunex Traffic), Swarco Holding, Huawei, Sumitomo Electric, Cisco, etc. The top five players hold a share over 32%. China is the largest market, and has a share about 34%, followed by Europe and Americas with share 31% and 18%, separately. In terms of product type, Hardware is the largest segment, occupied for a share of 63%. In terms of application, Urban Traffic has a share about 52 percent.

This report presents a comprehensive overview, market shares, and growth opportunities of Smart Roads market by product type, application, key players and key regions and countries.

Segmentation by Type:		
Software		
Hardware		

Segmentation by Application:



Urban	Traffic
Highwa	ay
Bridges	s and Tunnels
Others	
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Americ	as
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France

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	Russia		
	Middle East & Africa		
	Egypt		
	South Africa		
	Israel		
	Turkey		
	GCC Countries		
Segme	entation by Type:		
	Software		
	Hardware		
Segme	entation by Application:		
	Urban Traffic		
	Highway		
	Bridges and Tunnels		
	Others		

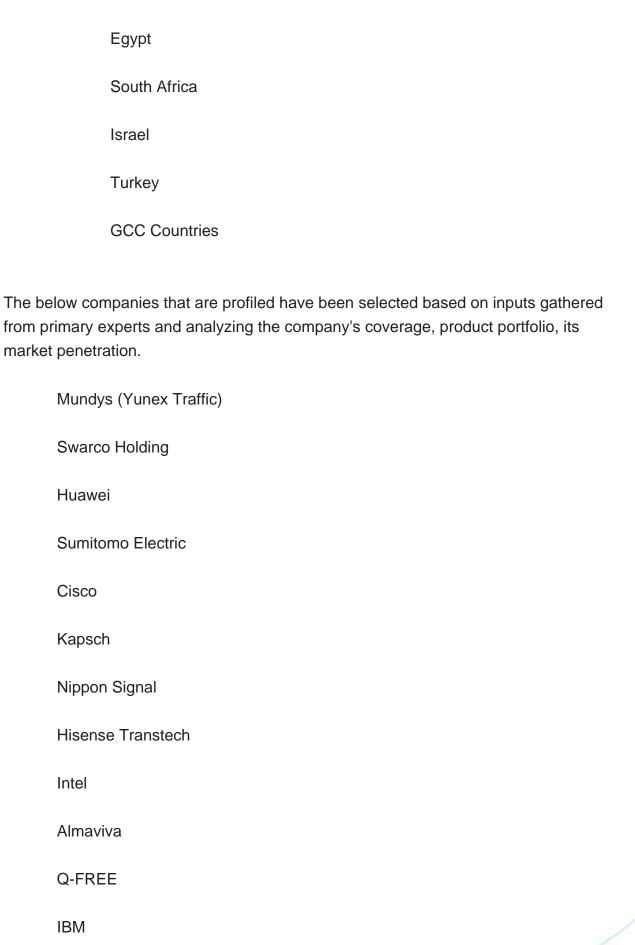


# This report also splits the market by region:

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Americas	
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	Brazil
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	China
,	Japan
	Korea
	Southeast Asia
	India
	Australia
Europe	
	Germany
	France
	UK
	Italy
	Russia

Middle East & Africa







Lianyungang JARI Electro	onics
MOVYON	
Indra Sistemas	
LG CNS	
Vaisala	
Econolite	
Alcatel Lucent	
Valerann	



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