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Power Over Ethernet Solution Market: Trends, Opportunities and Competitive Analysis

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Abstracts

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Power Over Ethernet (POE) Market Trends and Forecast

The future of the power over ethernet (POE) market looks promising with opportunities in residential, commercial, and industrial sectors. The global power over ethernet solutions market is expected to reach $1.7 billion with a CAGR of 11% from 2021 to 2027. The major drivers for this market are growing adoption of voice over internet protocol (VoIP) phones and wireless networking, simple and cost-effective installation, and high level of reliability.

Emerging Trends in the Power Over Ethernet (PoE) Solution Market

Emerging trends, which have a direct impact on the dynamics of the industry, include growing adoption of PoE in LED lighting and emergence of optical fiber usage in PoE.

A total of 107 figures / charts and 68 tables are provided in this 205-page report to help in your business decisions. A sample figure with insights is shown below. To learn the scope of benefits, companies researched, and other details of the power over ethernet (POE) market report, please download the report brochure.

Power Over Ethernet (POE) Solution Market by Segment

The study includes a forecast for the global power over ethernet (POE) market by controllers & ICs type, device type, end use industry, application, and region as follows:

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Power Over Ethernet (POE) Market byControllers & ICs Type [$M shipment analysis for 2016 – 2027]:

Power Sourcing Equipment Controllers & ICs

Powered Device Controllers & ICs

Power Over Ethernet (POE) Market by Device Type [$M shipment analysis for 2016 – 2027]:

Power Sourcing Equipment

Powered Devices

Power Over Ethernet (POE) Market byApplication [$M shipment analysis for 2016 – 2027]:

Connectivity

Security & Access Control

Infotainment

LED Lighting & Control

Others

Power Over Ethernet (POE) Market by End use Industry [$M shipment analysis for 2016 – 2027]:

Residential

Commercial

Industrial

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Power Over Ethernet (POE) Market by Region [$M shipment analysis for 2016 – 2027]:

North America

US

Canada

Mexico

Europe

Germany

The United Kingdom

Italy

Asia Pacific

China

Japan

India

The Rest of the World

List of Power Over Ethernet (POE) Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies power over ethernet (POE) companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the power over

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ethernet (POE) companies profiled in this report includes.

Cisco Systems

Texas Instruments

Linear Technology

Microsemi Corp

STMicroelectronics

Broadcom Ltd

Monolithic Power Systems

On Semiconductor

Silicon Laboratories

Akros Silicon

Power Over Ethernet (POE) Market Insight

Lucintel forecasts that commercial will remain the largest end use segment over the forecast period due to increasing usage in offices, restaurants and hotels, healthcare facilities and educational institutions.

Connectivity will remain the largest application segment over the forecast period due to increasing adoption of network security based cameras, sensors and RFID.

North America is expected to remain the largest region and Asia Pacific will witness the highest growth over the forecast period due to economic expansion, improved standard of living, and urbanization, especially in India and China.

Features of Power Over Ethernet (POE) Market

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Market Size Estimates: Power Over Ethernet (PoE) Solution market size estimation in terms of value ($M)

Trend and Forecast Analysis: Market trends (2016-2021) and forecast (2022-2027) by various segments and regions.

Segmentation Analysis: Market size by controllers & ICs type, device type, end use industry, and application

Regional Analysis: Power over ethernet (POE) market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different controllers & ICs type, device type, end use industry, application, and regions for the power over ethernet (POE) solution market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the power over ethernet (POE) solution market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the power over ethernet (POE) solution market size?

Answer:The global power over ethernet (POE) market is expected to reach an estimated $1.7 billion by 2027

Q2. What is the growth forecast for power over ethernet (POE) market?

Answer:The power over ethernet (POE) market is expected to grow at a CAGR of 11% from 2021 to 2027.

Q3. What are the major drivers influencing the growth of the power over ethernet (POE) solution market?

Answer: The major drivers for this market are growing adoption of voice over internet

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protocol (VoIP) phones and wireless networking, simple and cost-effective installation, and high level of reliability.

Q4. What are the major applications or end use industries for power over ethernet (POE)?

Answer:Commercial is the major end use industries for power over ethernet (POE).

Q5. What are the emerging trends in power over ethernet (POE) market?

Answer:Emerging trends, which have a direct impact on the dynamics of the industry, include growing adoption of PoE in LED lighting and emergence of optical fiber usage in PoE.

Q6. Who are the key power over ethernet (POE) solution companies?

Answer:Some of the key power over ethernet (POE) solution companies are as follows:

Cisco Systems

Texas Instruments

Linear Technology

Microsemi Corp

STMicroelectronics

Broadcom Ltd

Monolithic Power Systems

On Semiconductor

Silicon Laboratories

Akros Silicon

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Q7.Which power over ethernet (POE) solution segment will be the largest in future?

Answer: Lucintel forecasts that connectivity will remain the largest application segment over the forecast period due to increasing adoption of network security based cameras, sensors and RFID.

Q8: In power over ethernet (POE) market, which region is expected to be the largest in next 5 years?

Answer:North America is expected to remain the largest region and witness the highest growth over next 5 years

Q9. Do we receive customization in this report?

Answer:Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high growth opportunities for the global power over ethernet (POE) market by controllers & ICs type (power sourcing equipment controllers & ICs and powered device controllers & ICs), device type (power sourcing equipment and powered devices), application (connectivity, security & access control, infotainment, and LED lighting & control), end use industry (residential, commercial, and industrial), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q. 2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5 What are the business risks and threats to the market?

Q.6 What are the emerging trends in this market and the reasons behind them?

Q.7 What are the changing demands of customers in the market?

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Q.8 What are the new developments in the market? Which companies are leading these developments?

Q.9 Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this area and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M & A activities have taken place in the last 5 years in this market?

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7.5: Analog Devices Inc.
7.6: Maxim Integrated
7.7: Silicon Labs
7.8: Avaya Inc.
7.9: Silvertel
7.10: Microchip Technology Inc.
7.11: Monolithic Power Systems
7.12: On semiconductor

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