

# Global Hardware-in-the-loop Market Growth 2018-2023

<https://marketpublishers.com/r/G7927AA4B1EEN.html>

Date: October 2018

Pages: 164

Price: US\$ 3,660.00 (Single User License)

ID: G7927AA4B1EEN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

Hardware-in-the-loop (HIL) technique is used to analyze complex real-time embedded systems. The HIL system provides an effective platform which for reduce the complexity of the plant and control the test platform. HIL technology offers high-quality output and reduces the cost involved and time needed. Hence, it is widely preferred in many applications such as aerospace, automotive, and others. Automotive sector adopts ECUs technology in accordance to meet various industry standards. Electronic companies use HIL technique in various applications such as nuclear power plant control systems, wind turbine generators, developing and testing of electronic grids, photovoltaic inverter, and so on.

Over the next five years, LPI(LP Information) projects that Hardware-in-the-loop will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Hardware-in-the-loop market for 2018-2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Hardware-in-the-loop market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Automotive Systems

Radar

Robotics

Power Systems

Offshore Systems

Segmentation by application:

Power Electronics

Automotive

Research & Education

Aerospace & Defense

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key

manufacturers covered in this report:

Typhoon

Airbus Group SE

Robert Bosch

National Instruments Corp

Speedgoat GmbH

Honda Aircraft Company

Aegis Technologies Group

Siemens PLM Software, Inc

Embraer S.A

Dspace GmbH

Opal-RT Technologies

IPG Automotive GmbH

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

#### Research objectives

To study and analyze the global Hardware-in-the-loop consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Hardware-in-the-loop market by identifying its

various subsegments.

Focuses on the key global Hardware-in-the-loop manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Hardware-in-the-loop with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Hardware-in-the-loop submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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