

Embedded Systems in IoT 2017 - 2022

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Abstracts

OVERVIEW:

A leading beneficiary of the rapid growth of the IoT will be the overall embedded systems market including providers of hardware, software, and operating systems. An embedded system is a computer system designed for specific control functions within a larger system, often with real-time computing constraints. It is embedded as part of a complete device often including hardware and mechanical parts. By contrast, a general-purpose computer, such as a personal computer (PC), is designed to be flexible and to meet a wide range of end-user needs.

This research provides analysis of the products that will be developed to support IoT, changes in traditional RTOS required to match performance with IoT, changes in hardware required to match needs of IoT, types of peripherals, and emerging tools to support processing of embedded systems in IoT. The report provides five year forecast for Embedded Systems in IoT for the period of 2017 – 2022 including regional segmentation by industry for embedded systems and components.

TARGET AUDIENCE:

IoT solution providers

Electronics manufacturers

Wireless service providers

Wireless device manufacturers

Wireless infrastructure providers

Embedded H/W, S/W, and OS providers

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