

Internet of Things Device Hardware and Software: IoT Semiconductors, RTOS, Embedded Systems, and Device Management 2017 - 2022

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Abstracts

Internet of Things (IoT) hardware and software consists of specialized semiconductor chipsets, real-time operating systems (RTOS), embedded system components, and device management systems.

Chipsets for IoT are designed with unique factors in mind such as the need for optimal energy efficiency. IoT equipment and devices require RTOS to manage various real-time processes including analytics. Embedded systems for IoT demand a different set of microprocessors, drivers, peripherals, batteries and operating systems than conventional deployments. IoT device lifecycle support requires certain IoT Device Management functions including Enrollment/Provisioning, Configuration/Association, Software Updates, and overall Management and Control.

This research evaluates the companies, technologies, and solutions for Device Hardware and Software. Areas covered include IoT Chipsets, IoT RTOS, IoT in Embedded Systems, and IoT Device Management. All purchases of Mind Commerce reports includes time with an expert analyst who will help you link key findings in the report to the business issues you're addressing. This needs to be used within three months of purchasing the report.

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