

# Refurbished IoT: Opportunity, Market-Size, and Forecast 2018 to 2025

https://marketpublishers.com/r/RD07654322FEN.html

Date: June 2018

Pages: 180

Price: US\$ 3,495.00 (Single User License)

ID: RD07654322FEN

# **Abstracts**

IoT devices are evolving to be considered as one of the key assets of several industries. Industries such as manufacturing, healthcare and facilities management are currently finding great value in IoT. Researchica projects that the number of IoT connections will rise from about 9.8 billion in 2018 to 15 billion by 2020 and 45 billion by 2025. Looking at the huge volume of IoT devices, its refurbished market is likely to emerge as a highly significant segment in its own right and likely to grow at much faster rate than the parent market.

A possible effect of a more organised refurbished IoT market is likely to result in market cannibalisation: some new adopters may elect to buy refurbished IoT devices rather than new, just to experience the outputs while also keeping cost under control. However, some of those that purchase refurbished IoT devices may later decide to purchase new next time round. Furthermore, familiarity with a used IoT device may act as a brand gateway and encourage the purchase of other IoT devices from the same vendor.

David Brown, Senior Analyst at Researchica, said, "An organised refurbished IoT market would not only help in further boosting the IoT adoption among price sensitive buyers, but it'll also help IoT device manufacturer to clear their inventory – surplus or defective."

The biggest potential implication is for the IoT device manufacturers, who are likely to become more and more aware of the residual value of their devices. The forecast future value of their IoT devices is also likely to become an increasingly important factor in the purchase decision. This may affect purchase made by small organisations having short term requirements, for which total cost of ownership should factor in the expected resale



value once IoT devices are retired.

Researchica predicts that refurbished IoT market will grow to become a US\$ 12 billion industry in 2025 from a small market base today.

This refurbished IoT research provides critical analysis of the key business models, strategies and developments, whilst providing insights into the future of the refurbished IoT devices market. The research charts key macro trends, IoT player strategies, and is a must-have purchase for both leaders and start-ups looking to establish a position in refurbished IoT market.

Researchica's insightful refurbished IoT research provides in-depth analysis of the future outlook for the refurbished IoT devices in terms of opportunities, market demand as well as key market forces.

This research includes analysis and forecasts for major stakeholders of the IoT devices market. The research also provides analysis and forecasts of refurbished IoT devices across key industry sectors, including Industrial Automation, Factory and warehouse, Healthcare, Automotive, Supply Chain / Fleet Management, Oil and Gas, Agriculture, Entertainment & Media, and Military & Aerospace.

## Unique Attributes

- 1. Detailed market analysis of global refurbished IoT devices.
- 2. Detailed analysis of parent market and different drivers and restraints affecting the growth of refurbished IoT devices.
- 3. Analysis of the refurbished IoT devices market of the different factors like- price analysis, supply chain analysis, etc.
- 4. Ideal Roadmap for IoT Device Manufacturers
- 5. Unique Opportunity for Third Party Suppliers

# Questions Answered by the Report

- 1. Why should IoT device manufacturers promote refurbished segment more extensively?
- 2. What should be ideal roadmap for IoT device manufacturers to fully monetise the refurbished IoT market opportunity?
- 3. How third party suppliers can leverage refurbished IoT opportunity to scale up their position in IoT value chain?



- 4. What is the cost-benefit of refurbished IoT devices for small organisations?
- 5. What is the projected market potential of refurbished IoT devices during the next 5 years?

## Companies Mentioned in the Report

Adeunis RF, Advantech, Altair Semiconductors, ARM Holdings, Atmel, Bluegiga, Broadcom, Cypress, Cypress Semiconductor, Dialog Semiconductor, Digi International, Espressif Systems, Fibocom, GainSpan, Gemalto, GreenPeak Technologies, Huawei, Ingenu, Intel, Laird Technologies, Lantronix, Linear Technology, Marvell Technology Group, Mediatek, Microchip, Murata, Neoway Technology, Nordic Semiconductor, Novatel Wireless, NWave Technologies, NXP Semiconductors, Qualcomm, Quectel, Radiocrafts, Redpine Signals, Renesas, Samsung Electronics, SemTech, Sequans Communications, Sierra Wireless, Sigma Designs, Silex Technology, Silicon Labs, SIMcom Wireless Solutions, STMicroelectronics, Telit Communications, Texas Instruments, Toshiba Semiconductors, U-blox, ZTE.

# Target Audience:

IoT Players, Chip Manufacturers, Sensor Manufacturers, Battery Manufacturers, Semiconductor Companies, IoT Platform Providers, IoT Device Manufacturers, Original Equipment Manufacturers (OEMs), Original Design Manufacturers (ODMs) and OEM Technology Solution Providers, Research Organisations, Technology Standard Organisations, Forums, Alliances and Associations, Technology Investors, Governments, Financial Institutions, and Investment Communities, Analysts and Strategic Business Planners.



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