

# Applications and Market Opportunities of NR-RedCap

<https://marketpublishers.com/r/AADC5B764229EN.html>

Date: February 2022

Pages: 17

Price: US\$ 1,200.00 (Single User License)

ID: AADC5B764229EN

## Abstracts

Release 17 for 5G is expected to be completed in 2022 and is projected to include the IoT (Internet of Things) technology of NR-RedCap (New Radio Reduced Capability). As this technology only needs 10MHz bandwidth to achieve a data rate of 150Mbps and can reduce the power consumption of devices, it is expected to be adopted in places where power supply is unavailable and high-speed transmission is required. This report provides an overview of NR-RedCap technology and looks into different use cases to identify applications and opportunities of NR-RedCap in the market.

## Contents

### **1. CURRENT STATUS OF IOT TECHNOLOGY AND DEVELOPMENT OF NR-REDCAP**

- 1.1 Types of IoT Technology: Short Range and Wide Area
- 1.2 Development of the Worldwide Wide Area IoT Market
- 1.3 Progress of IoT-related 5G Technology
- 1.4 NR-RedCap Addresses the Needs of Mid-range Use Cases
- 1.5 Easy Integration of NR-RedCap and 5G Networks to Reduce Operational and Management Complexity

### **2. APPLICATIONS OF NR-REDCAP**

- 2.1 Industrial Wireless Sensor: Highly Reliable Sensor Networks
- 2.2 Video Surveillance: HD Images to Facilitate Decision-making
- 2.3 Smartwatch: Keep Track of Kids' Locations
- 2.4 Smartglasses: Instructions to On-site Staff to Improve Productivity

### **3. OPPORTUNITIES BROUGHT BY NR-REDCAP FOR IOT SERVICE PROVIDERS**

- 3.1 NR-RedCap to Fill the Void in Telecoms' IoT Solutions in the Medium-speed Sector
- 3.2 NR-RedCap to Reduce Device Costs and Expand the Private Network Market

### **4. MIC PERSPECTIVE**

### **APPENDIX**

List of Companies

## List Of Tables

### LIST OF TABLES

Table 1 Comparison of IoT Technology

Table 2 Stakeholders Participated in the NR-RedCap Standard Establishment

## List Of Figures

### LIST OF FIGURES

- Figure 1 Short Range and Wide Area IoT Technology
- Figure 2 Worldwide Wide Area IoT Market Forecast, 2019-2023
- Figure 3 Roadmap of 3GPP Standardization
- Figure 4 NR-RedCap to Meet the Needs of Mid-range Use Cases
- Figure 5 Easy Integration of NR-RedCap in 5G Core Networks
- Figure 6 Three Major Application Areas of NR-RedCap
- Figure 7 Distribution of IoT Devices by Number of Connections
- Figure 8 Factory Applications with Different Data Rate and Reliability Requirements
- Figure 9 Supply and Demand Sides of Private Enterprise Networks

## I would like to order

Product name: Applications and Market Opportunities of NR-RedCap

Product link: <https://marketpublishers.com/r/AADC5B764229EN.html>

Price: US\$ 1,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/AADC5B764229EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970