In this article, we discuss the current activities in China to leverage IoT and the benefits that the country is expected to gain through it. We also explore some of the challenges China will need to overcome to fully benefit from the Internet of Things.

1. $180 billion revenues could reach China's internet Plus will add $4.4 billion to China's research and development investment.

2. The overall IoT market in China will rise to $361 billion in 2015.

3. China’s internet Plus Progress is Backed By its Internet Plus Roadmap.

4. Internet Plus will add $4.4 billion to China’s research and development investment.

5. China is expected to have nearly 5 billion connected devices by 2020.

In addition to providing the Internet service across 80 percent of China which makes IoT possible, China Telecom is investing heavily into converged IoT infrastructure and plans to have nationwide high-performance connectivity management, as well as provide the systems integration services needed to power a wide range of connected devices spanning the retail, automotive, and home appliance and wearable sectors.

Manufacturing stands to benefit the most from China’s IoT. China is the world’s largest market for M2M (Machine-to-Machine) connections by number of cellular connections, which exceeded 2 billion in 2015.

The Chinese government has made $1.6 billion available to become a major player within the Internet of Things (IoT) market. The overall IoT market in China will rise to $361 billion in 2015.

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Retail:
- Enhanced supply chain visibility
- Precision inventory management
- Enhanced customer experience

Manufacturing:
- Smart energy management
- Enhanced supply chain visibility
- Remote monitoring and management

Healthcare:
- Telemedicine applications
- Advanced diagnostics
- Personalized medicine

Financial services:
- Fraud detection
- Digital identity verification
- Enhanced user experience

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