Verizon

Brian Mecum
Device Technology
CES 2020

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Intro Video

Helping Hawaii Power Smarter

4G IoT Today

- **Low Data, Low Throughput device connected by Cellular to enable Internet connectivity to a wide range of “Things” such as smart sensors, appliances, vending machines, fitness trackers, meters, etc.**
- **Typically Cat 1, Cat M1, or NB-IoT**
- **Delay tolerant**

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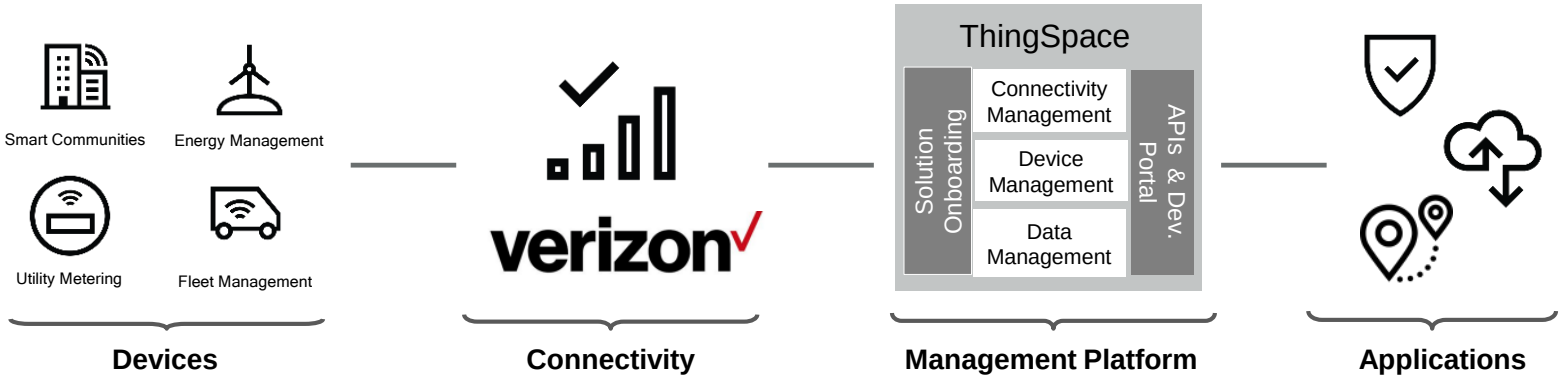
Connectivity Flow

Customers are asking for an end-to-end partner that can help them throughout their design cycle and keep their devices operational years after deployment



ThingSpace

Global IoT platform for customers to easily implement, enable and manage IoT solutions

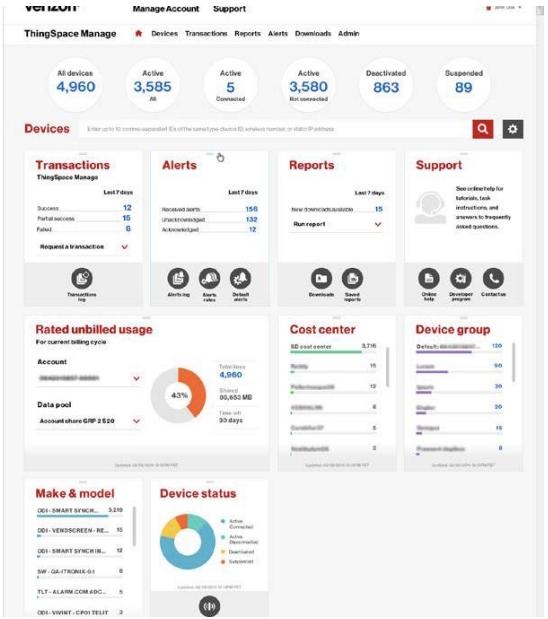
Millions+ **Connected devices**

150M+ **API transactions per month**

25K+ **Accounts in service**

170+ **Countries available**

- ✓ **Enhanced device management services**
- ✓ **Gartner M2M Managed Services Leader Quadrant**



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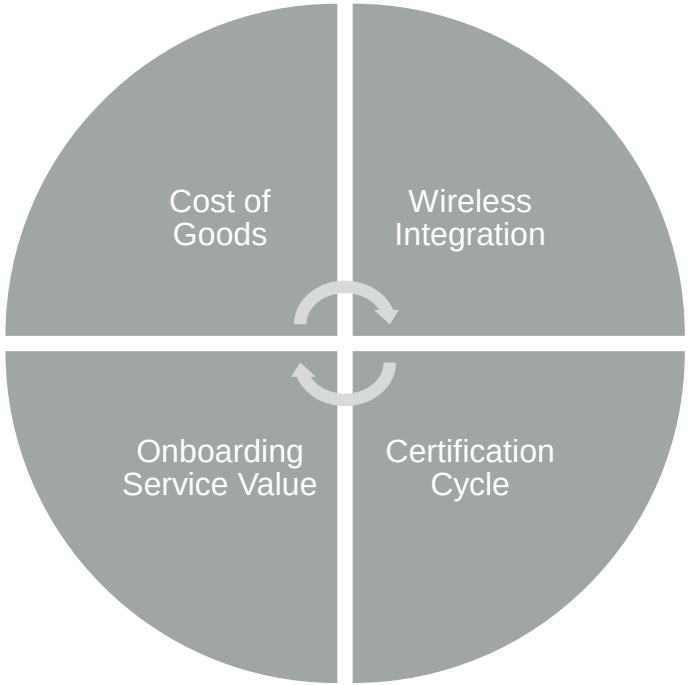
Barriers To IoT Growth



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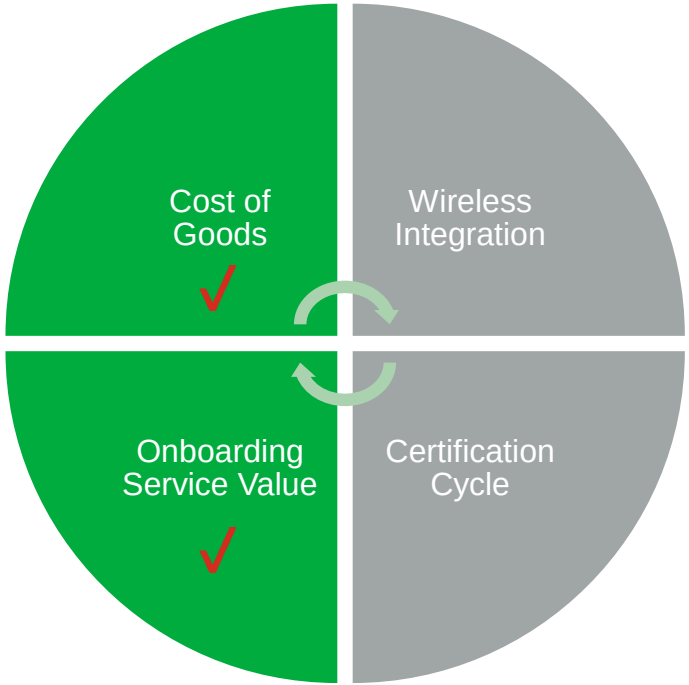
Barriers To IoT Growth



Wireless Integration: Monarch Go

Simplifies Cellular Addition – Adds Cat M or NB-IoT To Your Product With Minimal Design Effort

- **Fully Integrated Next-Gen Module by Sequans**
  - Cat M / NB-IoT
  - Integrated Antenna
  - Embedded SIM
- **Eases Integration Effort & Reduces Time To Market**

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Certification Cycle: Auto-Certification

Go to Market Faster with Automated Testing - Simplifies End To End Certification for any business size

- **All Verizon Bands Supported**
- **GCF approved platform (TP202)**
- **Industry compliant (GCF/TTCN3) conformance test system**
- **Easily Portable and Saves Lab Space**
- **Enable Self Certification**
- **Built in Verizon logging for enhanced debugging**

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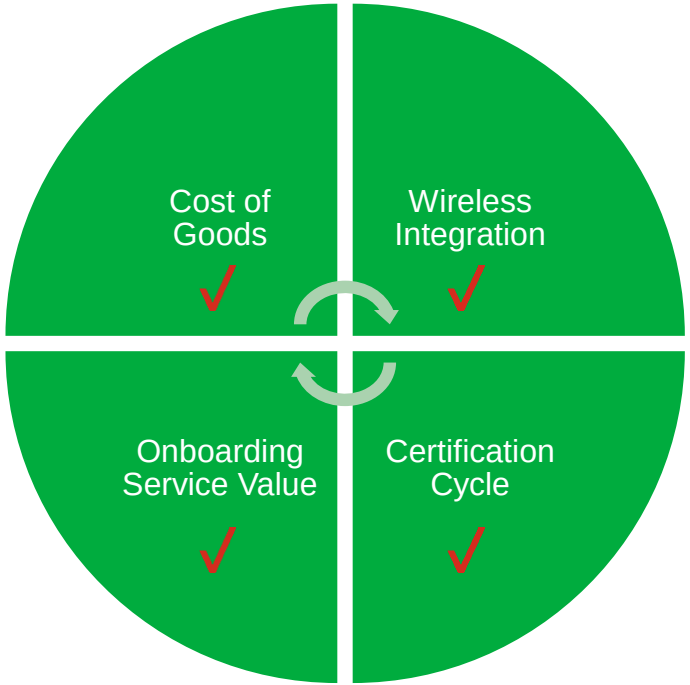
Barriers To IoT Growth



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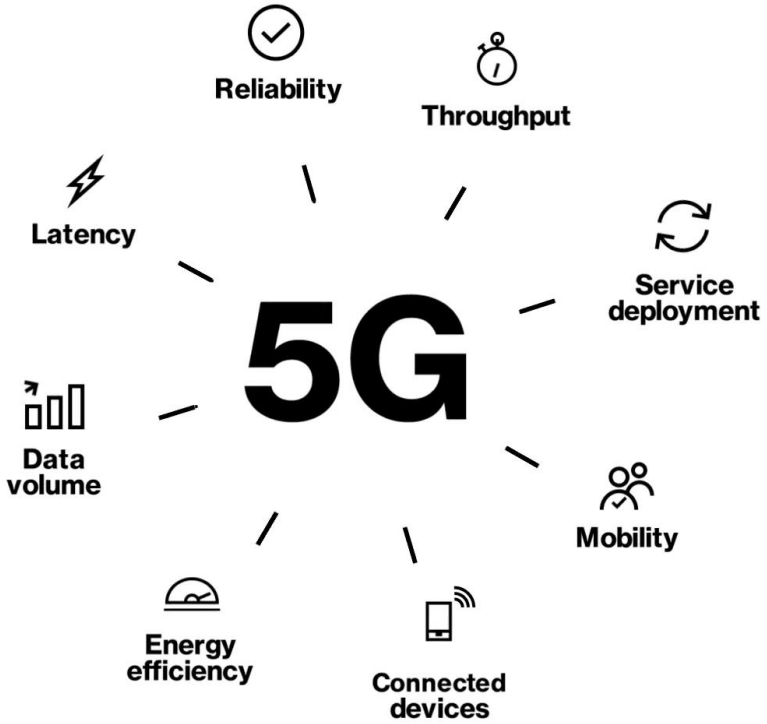
5G Video – Future of IoT

How Verizon 5G Will Help Doctors Fight Cancer

Transition to 5G



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