



6th Mobile IoT Summit



Scott Schwalbe
Nimbelink



Early LTE M Developer with Verizon: How To Deploy LPWA Cellular Solutions Quickly and Easily

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SMART. SIMPLE. CELLULAR
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Connecting Things to the Internet



Asset Tracking transcends virtually all markets



NimbeLink

- Have been building M2M/IoT connected devices for several years
 - Skywire Carrier-Certified Modems
 - Asset Tracking/Management Platform
- What is the best way to communicate:
 - Lora
 - Sigfox
 - Wi-Fi
 - Cellular
 - Beacons
 - RFID



Why LTE M?



Global

Low Power

Secure

Longer Range



LTE-M

**DEPLOYED USE-CASES FOR
VERIZON**



Expensive Metal Tool Boxes

Not in the Right Place at the Right Time

Challenge

- Large metal boxes
- Located inside more than outside
- Moves from building to building
- Deploy tracking in early 2018
- No time for development

Solution

- GPS, Accelerometer
- Deeper building penetration
- Longer battery life
- Secure communication

Results

- Reduced labor tracking them down
- Do more with less



MOBILE SUPPORTS
SDG 12

**Responsible
Consumption
& Production**



Bee's are Dying Across the World

Challenge

- How to get sensing data in remote locations
- Harsh environments
- Need long running time on battery
- Wanted solution with APIs

Solution

- Temperature,
- Movement
- LTE M Network

Results

- Improved Productivity
- Reduce Theft



MOBILE SUPPORTS
SDG 15
Life On
Land



RV's Get Stolen or Damaged in Storage

Challenge

- RVs are in Remote Locations
- Inside a Metal Box
- No Power
- Private Label Full Turnkey Solution

Solution

- Accelerometer,
- GPS
- Temperature
- LTE M

Results

- Reduced Theft
- Peace of Mind
- Prevents Repairs



MOBILE SUPPORTS

SDG 12

**Responsible
Consumption
& Production**



Benefits of LTE M

LTE M Will:

- Help Reduce the Use of Resources
- Increase Productivity
- Save the World
- Bring Peace of Mind



MOBILE SUPPORTS
SDG 12
**Responsible
Consumption
& Production**



MOBILE SUPPORTS
SDG 15
**Life On
Land**

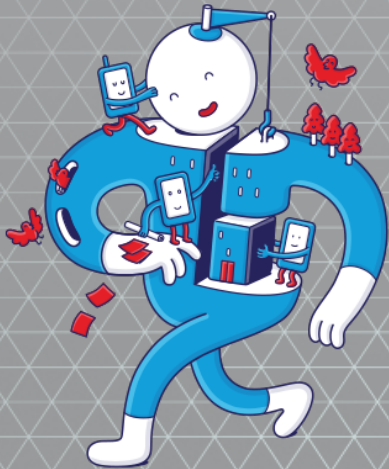
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SDG 17
**Partnerships
For The
Goals**





LTE-M

**We are looking forward to working with
all of you to accelerate deployment.**



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