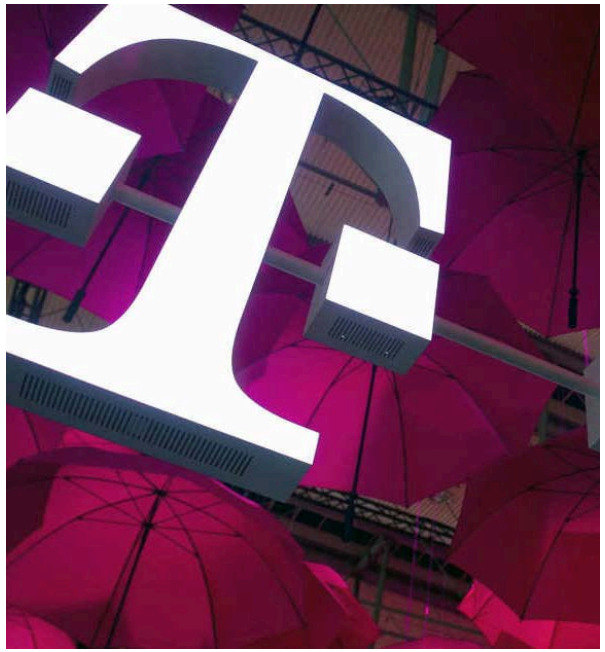
T-Mobile Disaster Readiness & Response

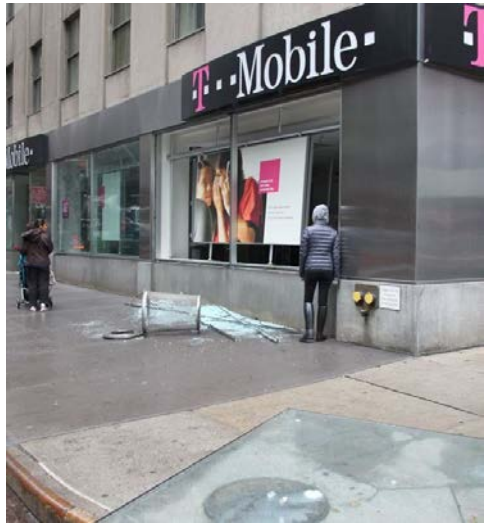
Presentation to the Washington Emergency Communications Coordination Working Group

T-Mobile Confidential

T-Mobile

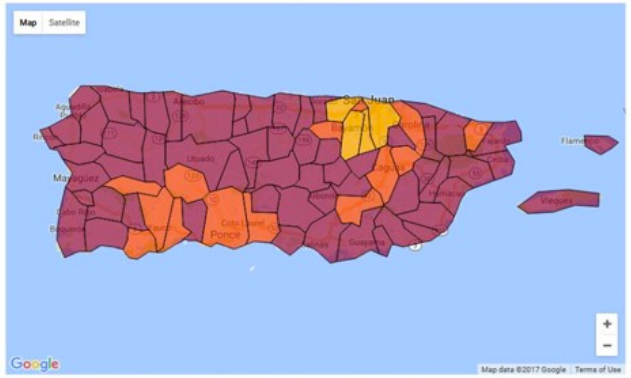
urricane path
Puerto Rico Flood
9-20-2017
Caribbean Sea
KatRisk



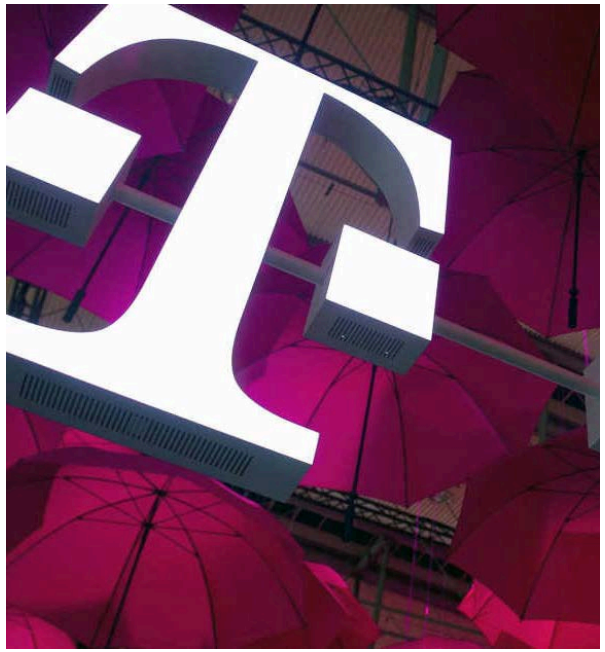


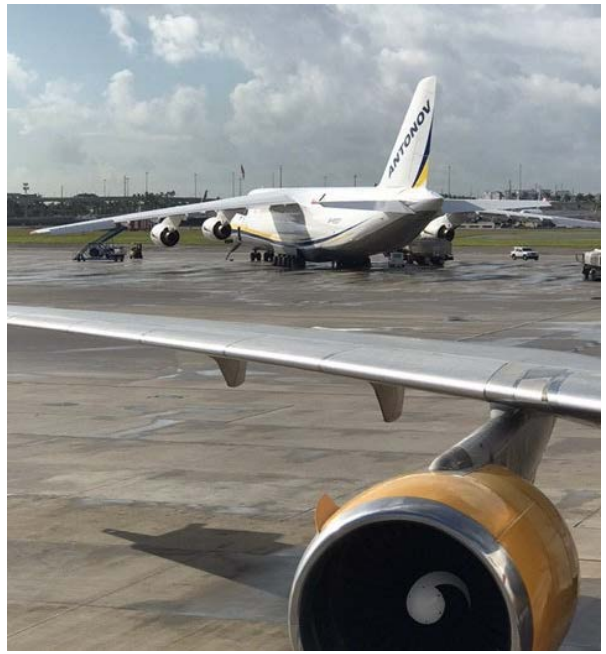
Percent Cell Sites Out-of-Service By County

10/10/2017 11:03:02 AM



1 - 20 21 - 40 41 - 60 61 - 80 81 - 100




ANTONOV

Centralized Hub Structure For Rapid Response Across Enterprise

- (24x7) 360 degree view across Enterprise
- Instant Boots-on-the-Ground updates through multiple channels
- Rapid Executive & Response Team Notification, Activation & Decisioning
  - **Security (All levels) Facilitates rapid updates**
  - **Retail (Loaner Phones, Mobile Charging Vehicles, In-Store Charging, Mobile Comms Trucks)**
  - **Call Centers (50+ Call Centers with rapid Info distribution capabilities)**

  - **Other Comms: (Satellite Phones, HAM Radio)**
  - **Facilities (Availability and re-purposing)**
  - **HR (Mobile Response Volunteers)**
  - **Liaison from/to MIL, FEMA, DHS to T-Mobile (i.e. MERS Vehicles, WA SEOC, Base-wide coverage)**
  - **More….**

Mobile Cell Sites – Emergency Response

COLT (Cell on Light Truck)

- Ford F550 4x3
- Equipment / Mast / Generator
- Satellite / Microwave backhaul Options

Primary Advantages:

- Rapid Deployment
- Full service in around 3 hours

COW (Cell on Wheels)

- Trailer / Mast / Equipment
- Port Generator required
- Satellite / Microwave backhaul options

Primary Advantages:

- Rapid Deployment
- Full service in around 8 to 12 hours