State of the network: an introduction to 2G and 3G sunset

Are you ready to upgrade to new network technologies?

2G and 3G cellular network sunset plans are **affecting companies in the U.S. and all over the world**, with deadlines approaching rapidly as service providers roll out new 4G LTE and 5G networks.

All devices that are currently connected to 2G or 3G networks **must move to new network technologies to continue operating**. The change is inevitable, and now it is time to act.

A glance at the current state of the industry

Over **2,600** devices have been certified by AT&T Certifications Labs. Trust AT&T for your device deployments.

60M+ out of **125 million** Internet of Things (IoT) devices in the U.S. are 2G or 3G[2]

AT&T supports more than **69M** IoT cellular connections as of 1Q20.

Enterprises list the following as key transition priorities:

1. Continuity of service: Maintaining functionality and data collection through network transitions[3]

2. Security: Minimizing the risk of data loss or infiltration by unauthorized parties

3. Finding a trusted advisor: Identifying a capable provider that also offers professional services to help manage network transition

1 https://www.business.att.com/content/dam/attbusiness/briefs/att-global-device-certification-brief.pdf

2 James Brehm & Associates "IoT Results & News Roundup thru Q3 2019"

3 James Brehm & Associates "The 2G and 3G Sunset Survey" (2019) and State of the Market (2019)

5 steps to prepare for 2G and 3G sunset

1 **Step 1: CENSUS** Perform a census of devices. Determine current pricing, number of devices, locations, and service provider sunset dates.

2 **Step 2: DATA** Determine how you collect data. How much do you transmit with IoT devices? Where is data sent? Is all of your data being used, and how? How often is it transmitted? How can you capture new data?

3 **Step 3: PLAN** Make a plan to ensure the continuity of your solutions. What will you lose if your devices go dark at network sunset? Can you capture better, more actionable data from new devices?

4 **Step 4: MIND THE GAP** Remember, your migration will require sophisticated planning and coordination. Determine if an internal skills gap exists and what kind of help you will need.

5 **Step 5: SEEK ASSISTANCE** Which services provider has the expertise to help you accomplish your migration objectives?

AT&T is a leader in IoT services in the U.S.

AT&T Professional Services carries the **experience and skill set** needed to provide strategy, business planning, and IoT technology roadmaps for the **successful implementation of IoT solutions**. Working with AT&T can help you **reduce costs and minimize the risk** of losing critical functionality and data access following 2G and 3G sunset.

- Our global network includes **500 carriers** providing service in **200+ countries**[4]
- We are the **only major carrier** in the U.S. to successfully migrate all our 2G devices off of the 2G network[5]

4 https://www.wireless.att.com/businesscenter/en_US/pdf/enterprise-on-demand-att-m2m-business-solution-product-brief-050715.pdf

5 https://www.gsmarena.com/at_t_has_officially_shut_down_its_2g_network-blog-22811.php

The time to act is now - time is running out.
Contact (844) 951-2639 or visit www.att.com/maketheswitch today.