Scenic, rural Coweta County sits in the greater Atlanta metro area in Georgia. In the past 20 years, the county population has doubled to nearly 130,000—adding demand to more than 15,000 aging assets. Becoming part of the Metropolitan North Georgia Water Planning District in 2004 meant Coweta County had to comply with new, stricter annual inspections for those assets. The county previously had relied on cumbersome devices that required a manual sync to update the central GIS.

What did they do?
In 2013, Coweta County staff set up an ArcGIS™ Online organizational account. GIS analyst Clint Richmond configured Esri’s Collector for ArcGIS® app for asset inspections. He got the idea to use an iPad from an Esri article. Through his Collector configuration for iPad, which worked on or offline, Richmond was able to equip the county’s sole field inspector with an asset-inspection tool that automatically updated the central GIS.

Do I need this?
The Collector app was able to double the county’s number of inspections from 2012 to 2014 as the population and infrastructure demand grew. Instead of requiring multiple commutes to upload and offload data from the old inspection devices, the field inspector now spends all his time collecting data, which automatically syncs to the central GIS. Coweta County met its inspection requirements—100 percent of all urban assets and at least 10 percent of unincorporated assets—in the first half of 2014. Inspector Scotty Truit completed 40 percent of unincorporated assets before proactively beginning a second Collector project—locating all driveway pipes—ahead of schedule.

“For the resulting increase in productivity is above and beyond our mandate. The asset information is invaluable to the county, especially if we have failure of infrastructure, allowing us to be proactive.”

Brice Martin, Stormwater Resources Manager
Coweta County Public Utility District

For more information, visit solutions.arcgis.com/utilities/water.