

5G Powers

The Future Of Smart Utilities

Between 2021 and 2025 in the US, 5G applications in smart utilities management will make a significant impact



\$36.9 Bn

in additional revenues



\$22.3 Bn

in added GDP contributions

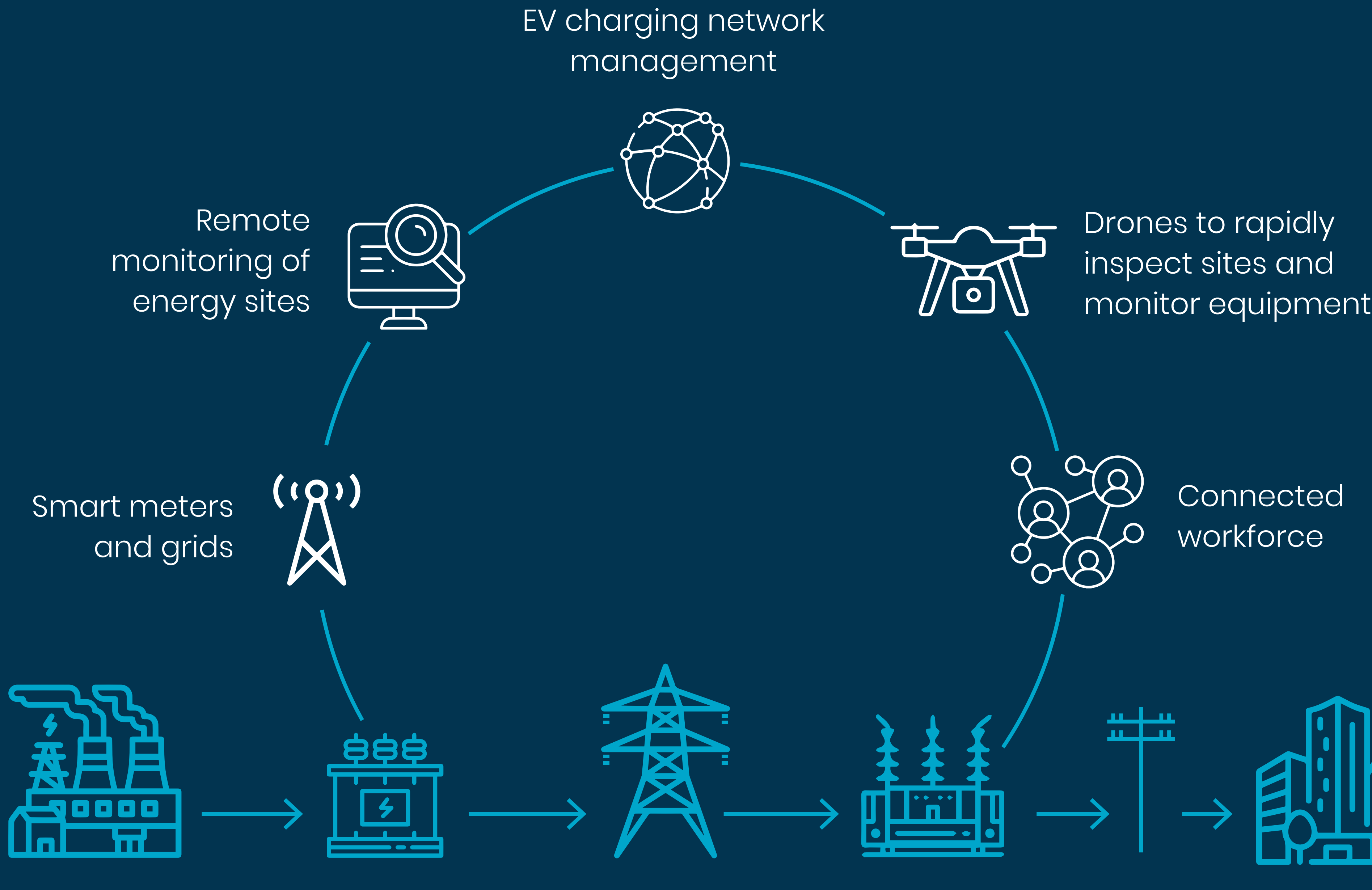
48,000

jobs



Top 5G use cases for utilities

EV charging network management



Measurable benefits for selected cases

Smart grids
Saving of **\$46 Bn to \$117 Bn** over 20 years

Remote monitoring of energy sites
More than 10% savings in operating costs

Connected workforce
20% Less equipment downtime and outages from AR-enabled field services

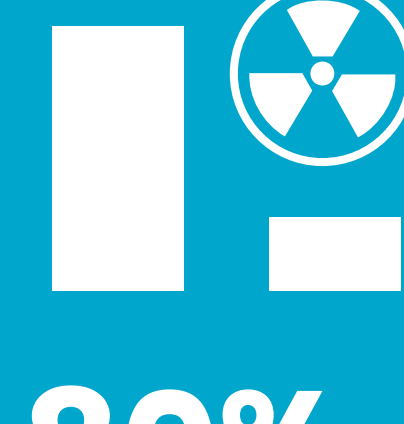
Drone-enabled remote site inspections



80% Reduction in downtime during inspections



83% Reduction in inspection time



80% Reduction in operator exposure to radiation

The success of FCC CBRS auction for Priority Access Licenses by utilities showcases the importance being given to Private Cellular Networks

\$174 Mn

in 10 successful bids

371

for CBRS spectrum in 150 counties



Vendors that address the following barriers to 5G uptake by utilities will see success

Barrier

Solution

Lack of interoperability with existing devices

Offer use cases that are flexible and work with existing infrastructure

Budgetary constraints

Identify the most opportune times to invest for maximum ROI

Battery life for connected devices

Cellular connectivity and the new generation of 5G LPWA modules extend the battery life for assets

Your information gateway to the new age of innovation around Private Cellular Networks.

CONTACT US

Sources:

Accenture, Burns & McDonnell, Cradlepoint, Carritech Telecommunications, Ericsson, PG&E, Sierra Wireless