

## ACME Construction was faced with a challenging scenario and needed reliable high speed internet to communicate field data in real time

### The Challenge

- Located in a remote area with no terrestrial connections, unreliable cellular service was their primary internet presence
- Cellular service was unreliable due to being served by one tower that was highly oversubscribed and congested during peak hours, creating a negative experience
- Working at sites with no permanent address, internet connectivity proved tough to find at the speeds ACME needed to operate
- Cable, fiber, and cell zones were not available at these construction sites
- It was common for employees to leave job site and drive off site to get connected

### The Solution

- Livtech worked with Viasat's Internet team to provide ACME with fast broadband speeds at a price lower than its cellular service
- Using the site's longitude and latitude coordinates to survey the service at the site remotely, Viasat's field services team installed a fixed wireless satellite dish to provide high speed internet access only four days after the site survey completed
- Livtech was able to work with Viasat to design and build the solution to support up to 35mbs of throughput
- This enabled ACME's remote collaboration applications for their field teams

### The Result

- Downtime reduced to .04%
- Productivity increased 64%
- Saved 55% off cellular service
- Reduced field complaints and increased operational efficiencies by 43%
- Internet remains up and operational, high availability
- Connection supports entire team without sacrificing quality and speed
- Enabled access to servers in the cloud