



Unlocking the value of IoT

CA Engineering is a trusted wireless partner offering customizable battery-powered sensors to oil and gas companies. With Azure Sphere inside its solutions, CA Engineering can enable highly-secure connections to the edge, data capturing, and remote sensors management, regardless of the environment or conditions.



Security-first design

- Defense in depth
- Deployment flexibility
- Automatic security updates



Industry-acclaimed leaders

- Owned and operated by engineers
- Innovative and consistent
- Agile solutions



Streamlined wireless integration

- Experience in the field
- Tried-and-tested solutions
- Next-generation digital transformation



Case study: Wireless monitoring in real-time to avoid downtime and crises

An industrial production facility, relying on a huge number of valves, motors, and pumps, wanted to minimize downtime. CA Engineering developed battery-operated sensor units with Azure Sphere inside, deployed at half the cost of the previous sensor. This solution works seamlessly with Azure IoT to actively report vibration, temperature, humidity, and more—all inside a low-power, battery-operated system.

Benefits

- Fifty percent business savings
- A foundation to easily integrate new and future technologies
- A framework for quickly adding remote monitoring and control to existing Azure IoT networks

Go further with wireless technology

- Learn about CA Engineering by visiting www.caengineering.com.
- Contact Ray Ivins at rivins@caengineering.com to discuss your unique needs and start building your own factory of the future.

About CA Engineering

CA Engineering has been delivering dependable engineering consulting services for complex wireless scenarios since 1995. Our comprehensive approach to radio frequency science enables us to push the limits of what is possible in wireless technology. Our flexible solutions ensure the success of your wireless projects.