

CorTalk® RMU3

CorTalk

Remote Monitoring and GPS
Interruption For Rectifiers





ABOUT MOBILTEX®

At Mobiltex, technology is just the beginning. We've been leading the way in cathodic monitoring for corrosion detection on thousands of miles of pipelines throughout North America. That's why corrosion specialists everywhere rely on us in a range of industries.

With our innovative engineering, design and manufacturing, we've created dependable IoT technology that's built for ease of use and maintaining asset integrity even beyond corrosion. All this comes from thinking like people not machines. We've engineered and proven our technology in the harshest, most challenging of environments time and time again.

Our ready and easily-reachable team can take you from initial set up through to ongoing support.

THIS IS MOBILTEX. WE'RE THERE.

mobiltex.com



RELIABLE CATHODIC PROTECTION (CP) MONITORING SOLUTIONS

Quickly and affordably establish a permanent cloud-based network of remote monitoring and control for your cathodic protection system with CorTalk Remote Monitoring Units (RMU).

CorTalk RMUs are renowned for their small size, durability and ease of installation — each unit can be fitted and activated within existing field enclosures in less than an hour. These robust systems are designed to withstand the toughest conditions and provide years of maintenance-free service.

Once operating, **CorTalk RMUs** reliably transmit real-time, critical system performance data at predetermined intervals and alert technicians to failures or potential problems. This provides immediate operational savings since technicians can reduce the need to travel long distances to manually collect performance data from remotely located CP rectifiers and test stations.

Transmit in real-time directly to technicians via satellite or cellular network



TRUSTED REMOTE MONITORING AND GPS INTERRUPTION

Gain deep insight into the performance of your CP system with continuous remote monitoring capabilities. The **RMU3** is a small, two-piece device that can be easily installed into a rectifier cabinet and features a full range of configurable functions to collect critical measurement data.

Two-way information can be transmitted via satellite or cellular network as frequently as every few hours to provide a highly detailed view of the CP system and identify short-lived events that may impact CP performance.

When combined with CorView web analytics platform, pipeline operators can use a network of **RMU3** devices to instantly evaluate overall CP performance, identify areas of concern and remotely manage interruption activities.



ADVANTAGES OF MOBILTEX CORTALK

- Compact, weatherproof devices are designed to be quickly and easily installed in existing rectifier cabinets or test stations
- Available with satellite or cellular communications for maximum service coverage
- Superior lightning and surge protection
- Highly accurate and reliable data collection and GPS-synchronized interruption
- Fast, simple configuration via PC, iOS or Android app



CorTalk RMU3



**THE COMPACT SIZE OF THE RMU3
ALLOWS EASY INSTALLATION IN
TYPICALLY UNDER AN HOUR**

CASE STUDY

WE'RE THERE FOR SOUTHWEST GAS

SERVING MORE THAN TWO MILLION CUSTOMERS, SOUTHWEST GAS DELIVERS NATURAL GAS TO REGIONS IN ARIZONA, NEVADA, AND CALIFORNIA.



“WORKING WITH MOBILTEX HAS SAVED US TIME, MONEY, AND RESOURCES, ALLOWING OUR TEAM TO FOCUS ON PRIORITY ISSUES AND MAINTAIN A HEALTHY NETWORK FOR OUR CUSTOMERS.”

To maintain a healthy network of pipeline infrastructure, the company relies on cathodic protection (CP) to prevent corrosion.

“Maintaining healthy infrastructure and ensuring redundancy helps prevent outages,” says Walt Dail, a Southwest Gas employee of 25 years. “Protecting our systems is a matter of homeland security. If a major system fails due to corrosion service could be interrupted to thousands of customers. That’s why Southwest Gas is constantly monitoring and upgrading piping systems to ensure safe and dependable service to all our customers.”

Mobiltex’s cost-sensitive, fixed-function RMU3 Remote Monitoring Unit and GPS Interrupter allows Southwest Gas to monitor CP systems from the cloud. The RMU3s are paired with corView, Mobiltex’s smart, secure web interface, which give inspection teams access to up-to-the-minute measurement data and the ability to interrupt the system.

“We no longer need to make long trips to rectifier sites every other month,” Dail explains. “Instead, the Mobiltex system notifies our team immediately if there is an issue. This means we can act quickly and accurately prioritize our work.”

