



WE'RE THERE.

CorTalk[®] RMU1



Remote Monitoring for
Test Stations and Coupons





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

A true hidden talent. Designed to fit entirely inside a standard CP test station, the **RMU1** is a small, powerful tool for remote monitoring of CP single or double coupons and structure bond applications. Multiple analog measurement channels provide accurate measurements for all required AC and DC parameters. A user-replaceable battery provides up to 10 years of reliable operation and data transmission and helps maximize lightning isolation.

Gain deep insight into the performance of your CP system with continuous remote monitoring capabilities. Measurement and GPS information is transmitted via satellite or cellular 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 **RMU1** devices to instantly evaluate overall CP performance and identify areas of concern.



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
- Fast, simple configuration via PC, iOS or Android app



CorTalk RMU1



THE COMPACT SIZE OF THE RMU1
ALLOWS EASY INSTALLATION IN
TYPICALLY UNDER AN HOUR

CASE STUDY

WE'RE THERE FOR TC ENERGY

TC ENERGY WAS ONE OF THE FIRST PIPELINE OPERATORS IN CANADA TO IMPLEMENT REMOTE MONITORING EQUIPMENT FOR CATHODIC PROTECTION (CP) SYSTEMS, COMPLETING ITS INITIAL INSTALLATION OF DEVICES IN THE LATE 1990S.

When Mobiltex introduced the CorTalk RMU1, a battery-operated remote monitoring device for coupons and bonds at test stations, TC Energy immediately began a program to test the equipment and evaluate the benefits. The results were favourable and the RMU1 devices were installed on key assets.

“Mobiltex responded quickly to the early implementation and configuration issues we had with the new RMU1 devices,” says Tim Leitao, Project Support Engineer, Corrosion Prevention Projects and Engineering for TC Energy. “We worked through them together and got everything set up and working properly. Over the years, Mobiltex has often sought our opinions for the capabilities of new products, which speaks to their drive to move the industry forward.”



“THE MOBILTEX RMUS HAVE ENABLED US TO BUILD A ROBUST MONITORING SYSTEM THAT MINIMIZES TRAVEL TO REMOTE SITES, IMPROVES SAFETY FOR OUR CORROSION SPECIALISTS AND LOWERS MONITORING COSTS”