

WE'RE THERE.

CorTalk[®] uDL1

Data Logger with GPS Receiver

CorTalk[®] uDL2

Data Logger for CP Coupons

CorTalk

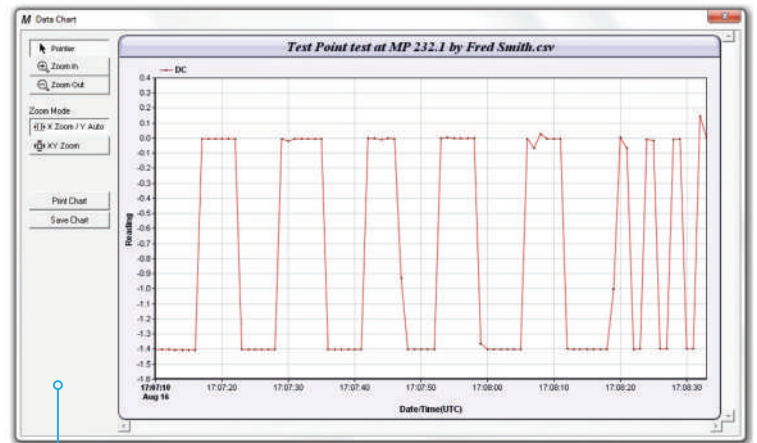


DATA LOGGERS THAT DELIVER

Periodic field surveys of cathodic protection systems can't identify frequent, short-term events that can seriously impact pipeline integrity. Mobiltex data loggers can.

These pocket-sized, highly accurate devices are designed to be installed in minutes inside rectifiers and test stations to measure and record critical performance parameters from the CP system.

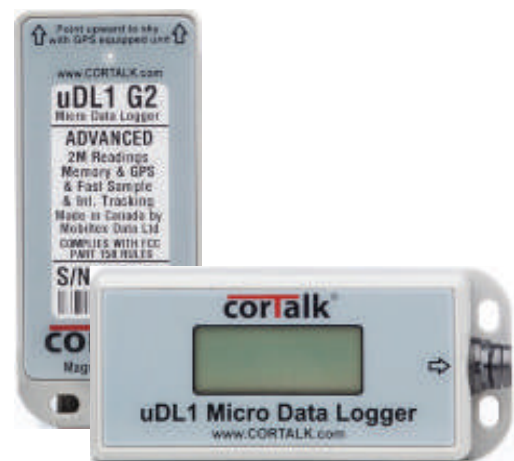
Each device offers a wide range of configurable settings that includes sample rate, current measurement ranges, time, geo-location and more. A tough enclosure, combined with durable components provides reliable operation in the harshest of operating conditions, while a long-lasting rechargeable battery ensures months of operation.



Data preview graph of information collected by the uDL1 and 2 data loggers.

ADVANTAGES OF CORTALK DATA LOGGERS

- **Out of sight design** Compact units fit inside most standard CP test stations
- **Maximum battery life** Internal rechargeable batteries provide up to six months of continuous operation
- **Instantly view current data** LCD display for local measurement monitoring
- **Easy to use** Fast, simple device configuration, data retrieval and charging via USB
- **Engineered to withstand the toughest conditions** Lightning and surge protection with broad operating temperature range (-4°F to +140°F (-20°C to +60°C))



MOBILTEX

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



UDL1:

DATA LOGGER WITH GPS RECEIVER

It's one of the industry's smallest and toughest devices for collecting AC and DC measurements from cathodic protection systems. Designed to fit under standard CP test caps, this rechargeable device automatically begins operation when connected to a measurement cable and stores up to 1,000,000 readings.



UDL2:

DATA LOGGER FOR CP COUPONS

Tiny, yet highly capable, the corTalk uDL2 provides comprehensive data measurement and logging of coupon status in CP systems. The device provides reliable, accurate measurement of AC current density, coupon DC current, a range of potential measurements and more. A dual potential mode enables the uDL2 to take potential measurements from two structures simultaneously. The uDL2 is also equipped with a rechargeable battery that provides up to six months of service and up to 2,000,000 readings on a single charge.



CASE STUDY

WE'RE THERE FOR GAS TRANSMISSION COMPANIES

CORTALK UDL2 DATA LOGGERS ENABLE A PROGRESSIVE MONITORING PROGRAM FOR AC COUPONS ON A NATURAL GAS TRANSMISSION PIPELINE THAT RUNS NEARLY 2,000 MILES THROUGH FOUR STATES.

To meet the requirements of the Pipeline and Hazardous Materials Safety Administration (PHMSA), pipeline operators must understand the conditions of numerous AC coupons installed at areas of potential AC corrosion. A gas transmission company operating in the United States uses nearly 50 Mobiltex CorTalk uDL2 data logging devices to conduct quarterly data logging exercises across its network and gain insight that goes beyond static readings.

Over a period of several weeks, the uDL2 data loggers collect GPS time-stamped AC and DC potential and current densities, which provide greater insight into system dynamics and trends over time. Time-stamped data ensures that comparisons against other data sets – such as power outage reports from the electrical utility – can be correlated easily.

With its small form factor, technicians can install the uDL2 underneath the test station cap, helping to reduce risk of tampering and vandalism.



THE COMPANY REPORTS THAT THE CORTALK UDL2 HAS GREATLY IMPROVED HOW TECHNICIANS PERFORM DATA LOGGING FOR AC MITIGATION. PRIOR TO IMPLEMENTING THE UDL2 DEVICES, THE COMPANY USED A DUAL-MULTIMETER PROCESS THAT WAS TIME CONSUMING AND CHALLENGING TO MANUALLY SYNCHRONIZE THE MULTIMETERS. THE UDL2 REDUCES THE LIKELIHOOD OF ERRORS AND ELIMINATES THE NEED FOR TECHNICIANS TO CARRY BULKY EQUIPMENT IN THE FIELD.

