

# Demand Moore Reliability

## microNCS<sup>®</sup> and WNM Provide Arctic Communications

An operator of an Arctic mine slurry pipeline in Nunavut, Canada needed an RTU and wireless communications link for pressure and temperature transmitters at 30 stations located about 10 kilometers apart. Some of these remote locations also have a remote-operated valve. The pipeline also had two pump stations between the ends of the pipeline about 100 kilometers apart.

Moore Industries' solution started with the microNCS<sup>®</sup> RTU Master and Distributed I/O module. It has both RS-485 and Ethernet communications and can accept up to four 4-20mA input signals. The Relay Output Module provides up to eight relay contact point. It can operate in ambient temperatures of -40 to 85°C and can also perform standalone logic solving in case of a loss of communications. The WNM Wireless Network Module provides secure radio communications.

