



## Prologic Controls® Chooses ICP DAS I-7000 Controllers

Prologic Controls® custom designs and manufactures electrical, electronic, and communication control panels. Their Integration and Fabrication divisions design specialized compressor control panels used by oil and gas companies to monitor pipeline pressure. The compressor control panels rely on thermocouples as sensors to read and transmit those temperature readings to the AB SLC 505 PLC (programmable logic controller). The temperature readings allow technicians to monitor pipeline pressure through various stages of compression, allowing the compressor to operate efficiently. The I-7018 BL with the break line detection function and 8 channels for analog input allows for a low cost method to input information back into the PLC. Using the RS-485 is another short-cut that's cost effective and is compatible with the I-7018 module. The interface transmits from a controller in serial format as opposed to requiring Dasychain set-up. Using ICP DAS modules they were able to certify the software to meet Class 1 Division 2 standards for a hazardous environment. Overall, ICP DAS provided the most cost effective and most reliable solution.

