AMERICAN MINE RESEARCH - MINE MONITORING SYSTEMS, BELT AND GAS MONITORING, GROUND CHECK MONITORS, ELECTRIC CIRCUIT BREAKERS, SPEED SENSORS

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MC-4000 Mine monitoring system

AMR's MSHA-approved MC-4000 mine monitoring system is simply the most flexible offering on the market today. Choose your high-speed communications line in the form of AMR's WinMac protocol over rugged twisted-pair shielded cable, or Modbus® over Ethernet/fiber.

Individual sensors and remote I/O devices constantly and quickly feed data to the Windows®-based master station allowing the operator to pinpoint trouble areas, trend machinery for maintenance, and control devices remotely. Interface the WinMac OPC Server with popular graphics packages such as Wonderware®, RSView® or drive a Modbus® system direct with these packages. AMR offers a complete line of field proven environmental sensors capable of monitoring a multitude of different gases including CO, O2 and methane. Remote stations and sensors monitor such belt functions as slip, plugged chute, sequence, and remote switch as well as control belts and pumps. Troubleshooting and software updates are also made easy. Remotely use dial-in modems or within the mine use AMR's new portable Data Acquisition Display or (DAD).