

BDP Project Description:**Freestone Trend Gas Control System*****End User / Location:*****XTO Energy, Freestone Production, Farrar, Texas*****Client / Location:*****XTO Energy, Ft. Worth, Texas*****Control System Platform:*****Wonderware Industrial Application Server with InTouch HMI*****BDP Scope:*****Configure Gas Control system to monitor production areas, and also design and install serial integration to compressor station panels for equipment monitoring.*****BDP Services:*****Configure Gas Control displays, databases, and reporting forms to monitor individual compressors at several compressor stations and to monitor EFM measurements at pipeline interconnects.****Design and install serial integration equipment to connect compressor panels and EFMs to a new radio system installed by XTO Energy.*****Accomplishments:*****Working closely with XTO Energy, to design, install, configure, and test serial integration networks connected to a single radio at each compressor station, including both copper and fiber optic serial networks to Flow Computers, Caterpillar Engine Panels, and Compressor Panel annunciators.****Design and configure Gas Control System operating displays and databases using Wonderware Industrial Application Server and InTouch View HMI running on Terminal Server platforms.****Design and configure Gas Control System serial networks using Universal Server IO Drivers for connection to the radio network, and using Wonderware IO Tag Servers to connect to remote process plants currently using Wonderware InTouch HMI systems.****Design and publish HTML displays and reports over the XTO Energy secure intranet, using Wonderware Suite Voyager and Active Factory Web for remote client access to historical production data, current operating displays, and compressor status displays that support equipment maintenance.**