

# Oil & Gas Gas Processing



## 20 Wireless Modems Continue to Provide Over 10 Years of Trouble-free Operation in the Harsh Middle East Desert

By  
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An oil and gas company in the middle east that extracts and processes oil, supplies gas to one of its country's largest cities. Over 10 years ago they needed to monitor 18 well heads at a location in the desert. After investigating their options, the company selected Data-Linc products for their "robust and reliable performance in harsh industrial environments". They determined that the wireless serial SRM6100 frequency hopping modems best met their needs ordering 20 units for the initial installation.

All modems in the license-free SRM Family can be configured as a Master, Remote, Repeater or Repeater/Remote, so they configured and installed a Remote modem at each of the 18 well heads. The

Remotes communicated with one of two Masters at their control station with the longest distance 10 Km. This allowed them to collect and send real-time data, essential to monitor and control critical operations at the well heads 24/7.

On a recent visit to the area, Kayo Sidhva, Senior Business Development Manager for Data-Linc, noted that the chief engineer at the site wanted him to know that the original 20 modems had been operating around-the-clock and trouble-free for over 10 years despite being subjected to the extremely harsh desert environment including sandstorms, heat and other desert conditions.



This long-time, satisfied customer is now working with Data-Linc to design a high speed network, adding audio-video surveillance to meet increasing security concerns prevalent throughout the industry. Data-Linc's offerings includes the SAA-V Solution (SCADA Alert Audio-Video), a network design comprised of high-speed FLC830E modems that use OFDM (Orthogonal Frequency Division Multiplexing) technology to provide speeds of 54Mbps that can provide simultaneous real-time SCADA and audio-video on the same network. He is looking forward to over 10 more years of trouble-free, safe and secure 24/7 operations.