

Live Production Alert Service for KWiDF Projects - (LPAS)

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ABSTRACT

In oil and gas industry, it is not enough to find oil and gas, store them, or refined them but there is also a need for ensuring fast and effective communications between the different fields. Our LPAS (SMS messaging & Email) application can be a proper solution that is able to adapt to remote environment allowing operations team to monitor the day to day operation. LPAS for KWiDF Jurassic project –Introduction Get live Crucial Alerts /Notifications form SCADA Via SMS LAPS (SMS messaging & Email) utilizes existing cell phone technology to send alarm messages to users. LPAS application can be integrated to various applications to increase their efficiency and ensure continuous availability and communication flow. The application enables corporate computers, databases, mail servers or various monitoring and workflow management applications to be able to send SMS messages to mobile phones in addition to email notification in the event of having production critical alerts .This functionality will result in a more seamless communication, a more reliable and effective data transfer. LPAS is A platform built/developed to push alerts from “Live Production SCADA system” in the Field to users/designated mobile phones in the event of an emergency & production critical alerts. Type of Alerts: Well shutdown Alerts , H2S Detectors , Solar Battery low , Trip visit, Wind direction , Daily Production , Casing Head pressure, Flow line Pressure, Gas Detectors...etc LPAS Advantage: Will allow real-time monitoring of your wells & production status in event time . Stay in touch with the production status of your machines / wells at any time and from anywhere In the event of an production alarm, A message will be sent to the technician personal , maintenance personnel and even to management at any hour from anywhere .(Piece of mind comes standard) The possibility to keep track of site parameters and alarms without being physically present 24/7. Help Management for better decision making in real time event time. Save people lives where a high temperature and pressure complex field is concerned or having H2S gas leak. Avoiding an immediate danger to the people who are living close to the wells.