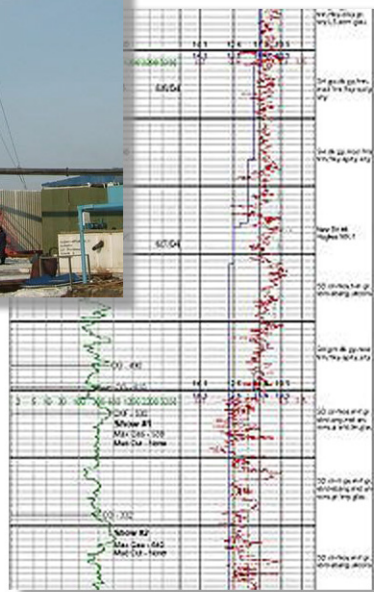


Drilling Monitor - CCTV and Data Monitor

“Simultaneously Transmits Data and CCTV Images”



Features:

- High quality video over narrow bandwidth links e.g. VSAT.
- Delivers CCTV, data and video conferencing.
- Fast and simple to install.

Zencus Application Note Index

- Well Monitor – Production Well
- Well Monitor - Water Injection
- Well Monitor – ESP Well
- Well Monitor - Gas Lift Well
- Well Monitor – Well Integrity
- Well Monitor – Flow Rate Monitor
- Well Monitor – Multiphase Meter
- Well Monitor – Downhole Gauge
- Facility Monitor - CCTV & Site Security
- Facility Monitor - Hazardous Gases
- Facility Monitor – Cathodic Protection Systems
- Drilling Monitor – CCTV and Data Monitor
- Wireline - Operations Monitor

Drilling Rig Site

Hazardous Area
PTZ Camera trained on Shale Shaker
PTZ = Pan, Tilt & Zoom



Drilling Console
Data Interface



Hazardous Area
PTZ Camera on Rig Floor

Rig Site Office



Zencus Local Visualization & Data Store
Mini-Server with Conferencing WebCam

Zencus
Field Transceiver
with CCTV Module



VSAT
Terminal

VSAT Receiving Hub

Remote Drilling Centre



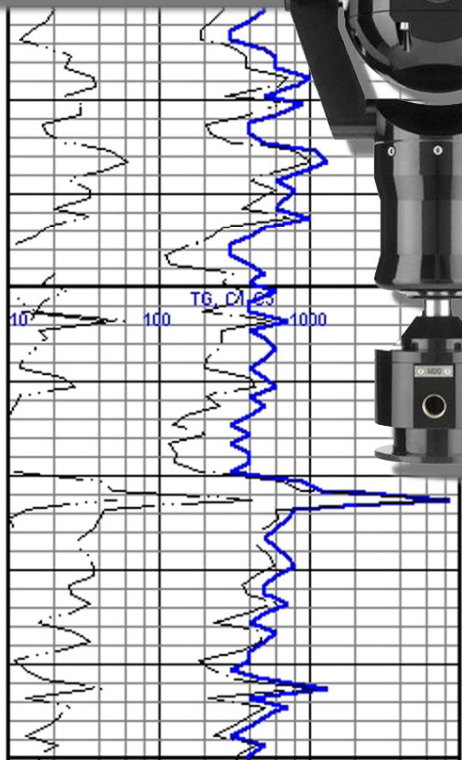
Corporate LAN

CCTV and Drilling
Console Visualization
Terminal

Zencus Server



Remote Users on Corporate LAN



System Features

- Transmits data and CCTV images simultaneously
- Latest video and software compression techniques minimize bandwidth requirements.

Camera Features

- Certified for Zone 1 hazardous area deployment.
- Solid metal, industrial enclosure.
- 470 TVL NTSC/PAL typical
- 18x or 36x Zoom with wide angle of view

Software Features

- Web-based software.
- Intuitive and easy to use.
- Real-time plotting, graphing and trending.
- Alarms and diagnostic messages by email and SMS text message.

“From Drilling Rig to Desktop”