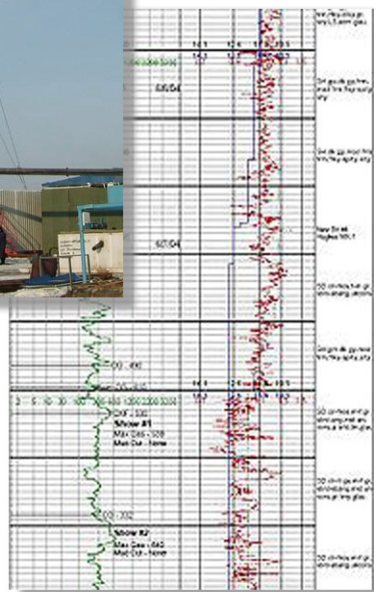


Drilling Monitor - CCTV and Data Monitor

“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



Hazardous Area
PTZ Camera on Rig Floor



Drilling Console
Data Interface

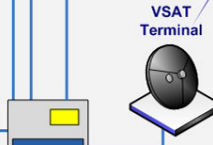


Rig Site Office

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

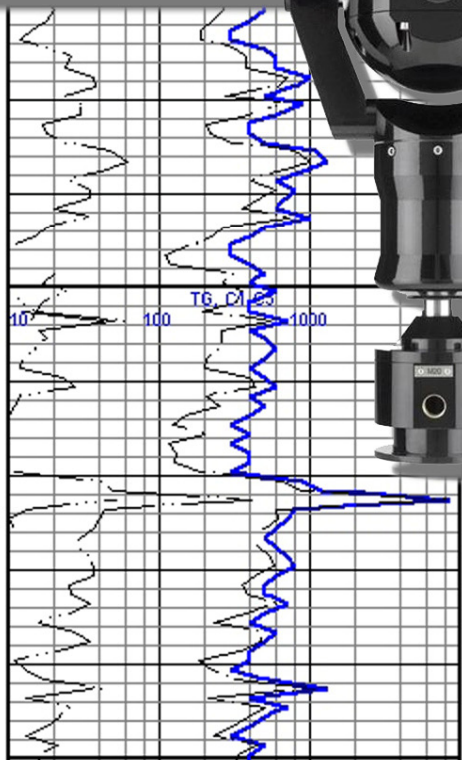


Zencus
Field Transceiver
with CCTV Module



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”