



MMR Offshore CCTV Migration



CURRENT SITUATION

- System is proprietary and out of date analog technology
- MS Windows 10 requires a complete head end upgrade
- Upgrade options offer a similar proprietary solution with only 1 option for support
- Vendor response times are a problem
- Requires encoders and a dedicated data link to send video to the beach



PROPOSED SOLUTION

PHASE 1 - HEAD END REPLACEMENT

Replace existing DVR with a non-proprietary Video Management Software that runs on MS Windows server. Install encoders to convert the existing analog cameras to digital (IP) video. Install new workstations for the existing monitors and workstations to allow for viewing and controlling video.

PHASE 2 - CAMERA REPLACEMENT

As the analog cameras fail, commercially available ONVIF compliant IP cameras can be used to replace the existing cameras. Ethernet over Coax devices can be installed to allow for ethernet connectivity to the new cameras via the existing cabling. Alternatively, because the new cameras are IP, a new ethernet cable can be installed to the nearest CCTV network data circuit. Home run cabling is no longer a requirement.

“The new system allowed us to move to a non-proprietary open system with a wider range of camera options and more functionality.”

- Eric Segrest,
Diamond Offshore

BENEFITS:

- Immediately resolves the MS Windows 10 problem
- No need to replace existing cameras
- Support for Integration with the Drillers Desk
- Non-proprietary hardware (Dell)
- Video can be viewed via web browser or client from any network device on the vessel or the beach - No additional dedicated data link or encoders are required
- Hardware support can be done in-house or by any qualified IT vendor
- Software Support - offered by manufacturer for a limited cost and can be supported by reseller

BENEFITS:

- Upgrade to higher resolution cameras
- More camera manufacturer options and more support options
- Aggregation points can be used to clean up and reduce cabling

“Leveraging MMR as both a systems integrator and an offshore electrical contractor allows us to consolidate vendors and support our technical systems like CCTV, WiFi, VOIP, as well as our electrical services needs.”

- Eric Segrest, Diamond Offshore

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