

When the Middle Level Commissioners in Cambridgeshire were looking for a replacement Telemetry system they had strict criteria the proposed suppliers had to meet. The MLC didn't want to replace the current system in one go, two disparate systems existed and equipment was relatively new and still provided some useful information. The decision was made to install Oriel's Telemetry system for its increased functionality and ability to integrate disparate systems into one.

It was critical to make the transition to a single coherent, reliable and cost-effective solution as painless as possible. Oriel Systems was chosen for its wide range of intelligent telemetry outstations, flexibility of I/O configuration, communications possibilities along with the ability to develop software interfaces enabling the new Master Station to communicate seamlessly with both types of existing outstations as well as the proposed new outstation implementation.

To give added flexibility the proposed system would need to be able to communicate over both PSTN and GSM and possibly radio if required. Many users would be interested in the information, so Alarm handling facilities had to be tailored to suit each recipient.

Voice Alarms are delivered to the Engineers by user-configurable "dialling rotas" where a series of PSTN or GSM telephone numbers are dialled. Engineers receiving alarms must press the appropriate telephone key to acknowledge, otherwise the next number is dialled. Upon acknowledgement, a series of options become present from the keypad.

Users have been allocated individual "PIN" numbers. For instance, the Chief Engineer dials the system whilst in his car, enters his "PIN" and receives up to date status of his system over his "hands free". The Pump Manager's "PIN" only accesses the sites that are his areas of responsibility, resulting in quicker response times and cost savings as otherwise "dead" travelling time is now spent more effectively.

For further information please contact:-

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