

# Queensland Australia Remote Data Project

## The DL220 provides the complete solution

In May 2007 Australian Pipeline Trust (APT) awarded AMPY Email Metering a contract to supply and install 39 Elster-Instromet EK230 volume correctors and 88 Elster-Instromet DL220 data loggers in Queensland in the north-east of Australia.

Stage 1 of the project required a total of 37 DL220 data loggers to be installed on the largest gas consumers by no later than 1 July 2007, which coincided with the start of Full Retail Contestability (FRC) for the gas industry in Queensland. Hourly consumption data must be retrieved every morning at 8 a.m., and then processed into an appropriate format which is then sent to the central billing hub by 10 a.m. This information is processed further by the central billing hub before being distributed to the appropriate retailers for customer billing.

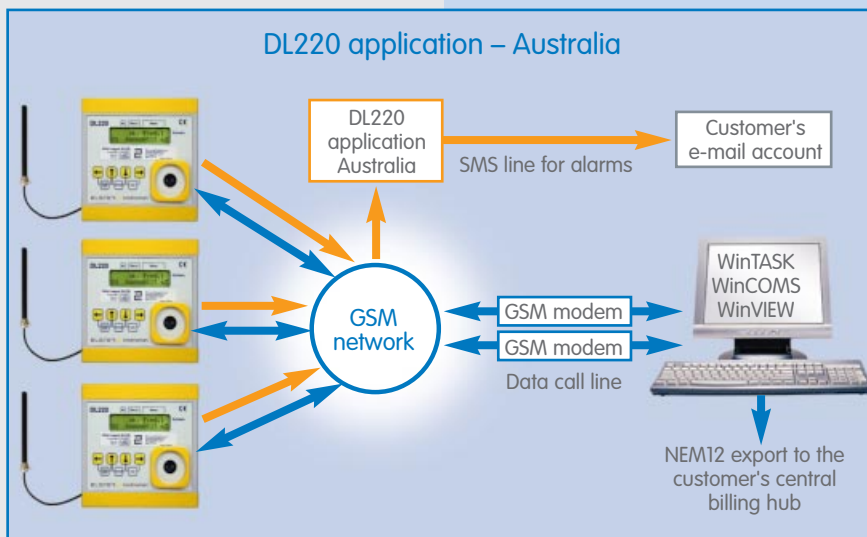
The most crucial requirement of the project is the automated exporting function into what is referred to as NEM12 format. NEM12 is a Meter Data File Format (MDFF) and is used as the standard format for the provision of interval metering data.

WinCOMS modem server is set up to automatically dial all the devices at 8 a.m. each morning and retrieve the hourly consumption values. WinVIEW is then used to export the consumption values for each device into the NEM12 format where it is sent via FTP to the central billing hub for processing.

Given the tight deadline of 1 July 2007 the Elster-Instromet support team was instrumental in delivering the project on time. Elster-Instromet and AMPY Email Metering have provided the complete system which includes installation of the devices, local intrinsic safety approvals and a software package for automatic daily data retrieval and processing. Invaluable local coordination and support for the hardware and software has been provided by Ben Manson (AMPY Email Metering).



An installation of the DL220 at an industrial meter station



The DL220 has also been successfully set up with an SMS alarm system for low main battery. In the event of low battery an SMS is automatically generated and sent to an e-mail address at the customer's control room. This is an excellent function providing real-time information on events occurring on the DL220.

Stage 2 of the project is under way and includes the installation of DL220 data loggers along with the installation of 39 EK230 volume correctors remotely read using FE230 function extension units.

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