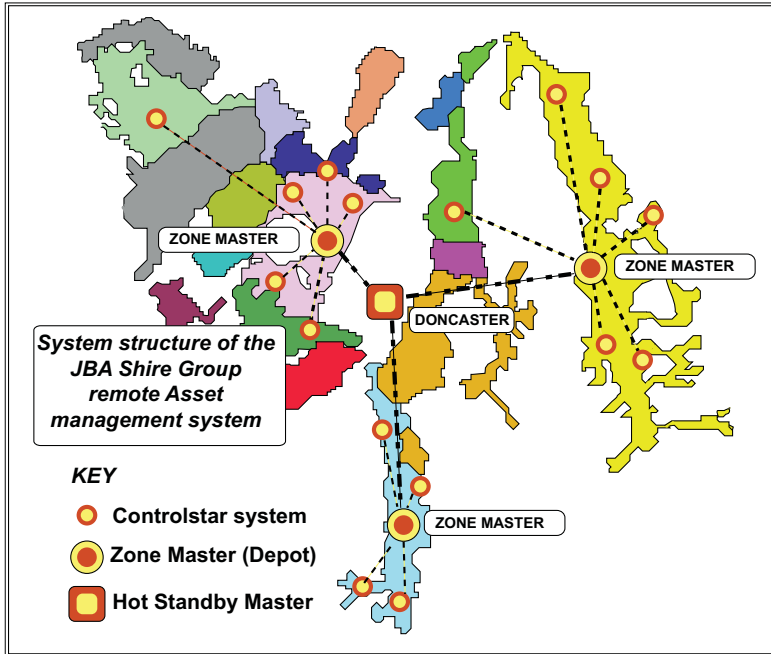
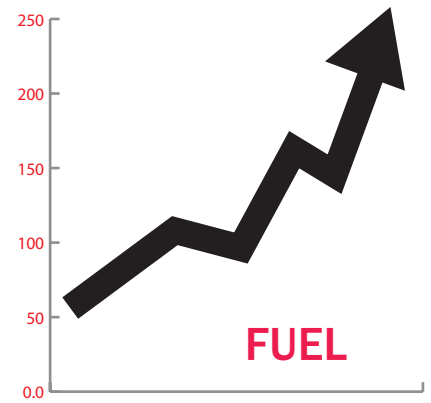


Operating costs reduced quality and productivity improved

The JBA Shire Group achieved these goals with a Controlstar® asset management system .

The **Carbon Footprint** of the associated organizations has been reduced and the quality of life of the operating staff has been enhanced.



A diagrammatic representation of the Shire Group asset management system, showing the Internal Drainage board boundaries and the overall system structure, currently there are nearly 200 individual control sites.

Benefits

A Dramatic reduction in travelling and site visits.

Total operational information Available 24/7

Improved control and lower operational risk

The system is scalable, flexible and responds to changing operational needs

Few of the operations staff had previous experience of computer or telemetry systems. After the Controlstar Systems training, each user has gained the benefits of the asset management telemetry system. The complete system operates without the client employing specialist support engineers.

Overview of the System

JBA Shire Group provides management services for a number of Internal Drainage Boards in Yorkshire and Lincolnshire. The Drainage Boards are each responsible for a number of land drainage pumping and control stations. The full network involves nearly 200 telemetry and control sites ranging from simple level measurement to large pumping stations needing sophisticated local control but with the facility to remotely intervene to optimize the operation. The Controlstar® system provides full control and remote access 24/7 using a combination of GSM, GPRS and radio.



A number of zone centres view and control only that part of the systems for which they are responsible. The Master system in the main site at Doncaster has view and control of the whole network.

Users have roaming access to monitor and control equipment via laptop, SMS messaging, or micro displays on their mobiles. Wherever they are, skilled personnel can view the latest situation and if necessary take action.

