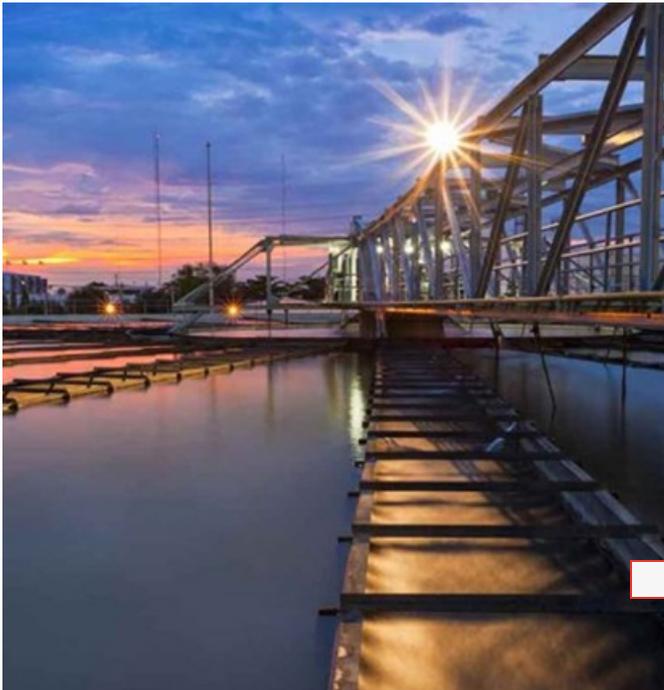


THE EYES AND EARS OF FLOOD CONTROL

The client, own and manage sixteen pumping stations and several sluice gates in the local area



The client, an internal drainage board, own and manage sixteen pumping stations and several sluice gates in the local area. These are designed to ensure the safe transfer and discharge of excess rainwater from the valuable agricultural and urban land areas into the Wash.

The old scanning radio telemetry system had reached the end of its life and the client needed to replace it with a system that provided advanced features and higher performance than what could be achieved with the traditional low-band system to enable efficient central management of their widely distributed assets.

Cougar Automation Ltd developed a novel and highly sophisticated telemetry system for the client, Cougar Automation selected Wonderware InTouch for the control room SCADA and wonderware Historian for its comprehensive data logging.

The client, which operates through The Land Drainage Act, wanted additional capabilities that were beyond those of

traditional telemetry systems, and more akin to a distributed control system. These requirements included the option of central pump control from their offices, remote video surveillance for security and safety, and 'drive-by' interrogation for use in inclement weather. Consideration was also given to the requirement for a 'store-and-forward' feature that provides continuity of data logging across communications drop-outs.

"Central to our telemetry system, Cougar Automation's technology allows us to prioritise situations and deal with potential issues before they arise, while giving us the foresight to allocate manpower accordingly and guarantee that our engineers are in the right place at the right time." District Engineer.

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