South East Water

A utility company wanted to monitor and restrict access to their water catchment and treat-ment areas by integrating their intruder alarm, access control and remote video transmission systems. With no LAN or PSTN connections provided, the only connectivity available with many of the remote sites was using the existing telemetry system.

Photoelectric beams were placed in strategic locations, and when tripped, triggered inputs on the IR Control Module. Low-level interfacing to the Vision Systems Mini Fast Scan system consequently captured images of these events and transmitted them to the company's (utility's) central control room via a GSM modem.

In order to track employee and contractor movements, Inner Range modified the standard 1 Door Access Module to transmit card data over the existing Swordfish radio network. Card data could then be sent through to the control room, as well as controlling access to the sites.

With widely distributed facilities, South East Water wanted to be able to program the IR Control Module remotely. Using WDirect on a PC in the central control room, they could dial into the Mini Fast Scan modem and through a serial link to the IR Control Module, undertake routine administration such as adding and deleting users.

South East Water illustrates what a smart integrator can do when working with a responsive company like Inner Range and a flexible platform like the Concept 3000 / Access 4000.