



INDUSTRY: Energy Consumption Management (Remote Metering)

THE CHALLENGE



Smart metering has become a norm in the energy consumption management field. Traditional meter readings usually involved clipboards, spreadsheets and possibly a database to capture customer usage information. The use of smart metering minimises reading errors and provides much more information which could not be captured in the traditional sense, for example time specific measurements.

The additional information that a smart meter can provide really creates a SMART solution, as a lot more information becomes available and more informed business decisions can be made.

MSB Micro Systems was approached by an energy client who had an existing RADIUS solution internally, but was experiencing difficulties maintaining and optimising the solution. The key challenge was that there were duplicates on their system due to system

data integrity not being managed correctly. More than one IP address was being assigned to the same device resulting in erroneous readings.

This was happening across a network of approximately 25,000 devices in the field, so drastic action was needed urgently.

THE SOLUTION



The system required cleaning up and optimisation, and the client approached MSB Micro Systems to take over management of their RADIUS solution. MSB provided a dedicated resource and proceeded to ensure that all IP addresses were allocated and assigned correctly, that connectivity was established correctly, and that the authentication service was properly maintained.

The MSB solution ensured that all devices across the client network were communicating reliably, providing stable connectivity and improved peace of mind for the client.

